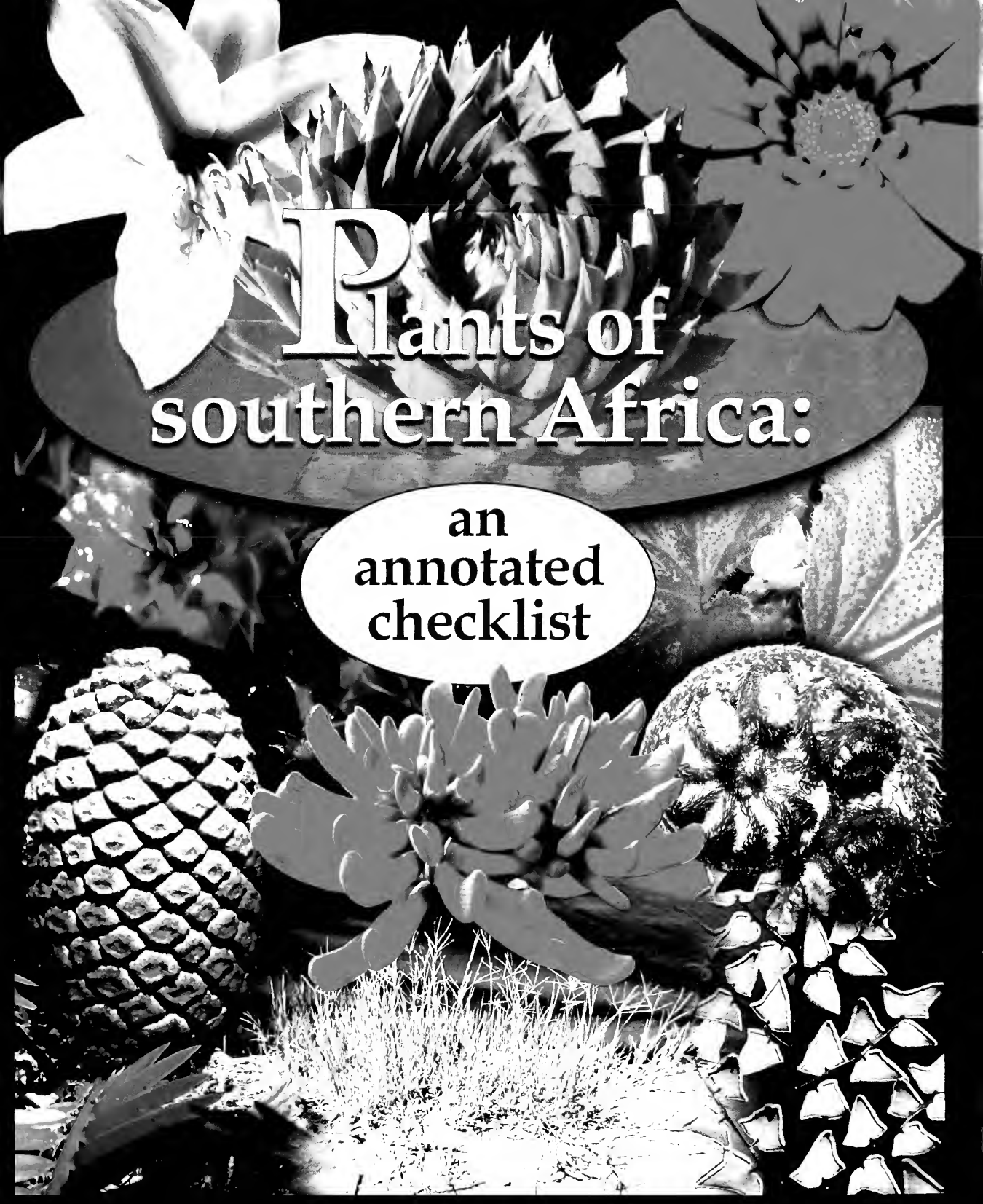

Plants of southern Africa:

an annotated checklist

G. Germishuizen & N.L. Meyer (Editors)

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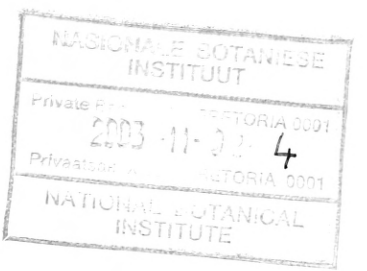

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Plants of southern Africa: an annotated checklist

G. Germishuizen & N.L. Meyer
(Editors)

NATIONAL
BOTANICAL
INSTITUTE

Pretoria

2003

STRELITZIA

This series has replaced *Memoirs of the Botanical Survey of South Africa* and *Annals of Kirstenbosch Botanic Gardens* which the NBI inherited from its predecessor organisations.

The genus *Strelitzia* occurs naturally in the eastern parts of southern Africa. It comprises three arborescent species, known as wild bananas, and two acaulescent species, known as crane flowers or bird-of-paradise flowers. The logo of the National Botanical Institute is based on the striking inflorescence of *Strelitzia reginae*, a native of the Eastern Cape and KwaZulu-Natal that has become a garden favourite worldwide. It symbolises the commitment of the National Botanical Institute to promote the sustainable use, conservation, appreciation and enjoyment of the exceptionally rich plant life of South Africa, for the benefit of all its people.

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IN CELEBRATION
OF
THE CENTENARY OF THE NATIONAL HERBARIUM (PRE)* IN 2003 AND
ITS IMMEASURABLE CONTRIBUTIONS TO BOTANY IN SOUTH AFRICA AND FURTHER AFIELD

* See *Bothalia* 28: 271–297 (1998).

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Genus treatment with compiler(s) also given for the individual genus:
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CONTENTS

ABSTRACT iv
INTRODUCTION iv
BRYOPHYTA 1
HEPATOPHYTA 39
ANTHOCEROTOPHYTA 63
PTERIDOPHYTA 65
GYMNOSPERMS 87
DICOTYLEDONS 91
MONOCOTYLEDONS 953
INDEX TO FAMILIES AND GENERA 1217

ABSTRACT

GERMISHUIZEN, G. & MEYER, N.L. (eds) 2003. Plants of southern Africa: an annotated checklist. *Strelitzia* 14.

Southern Africa has the richest temperate flora in the world and encompasses a rich floristic diversity of approximately 24 000 taxa (species and infraspecific taxa) of 368 families, including more than 10% of the world's vascular plant flora on less than 2.5% of the earth's land surface area. Accurate coverage of this remarkable flora has been made possible at the species level through PRECIS (National Herbarium, Pretoria (PRE) Computerised Information System), maintained by the National Botanical Institute. PRECIS includes all indigenous and naturalised plants recorded from the same area as the *Flora of southern Africa* (Namibia, Botswana, South Africa, Swaziland and Lesotho). This book is largely based on PRECIS and includes data on life cycle, life form, height of plant and altitude together with updated information on literature references, synonyms and regional distribution. Families are grouped into seven more or less natural assemblages: Bryophyta, Hepatophyta, Anthocerotophyta, Pteridophyta, Gymnosperms, Dicotyledons and Monocotyledons.

INTRODUCTION

Background

Southern Africa has the richest temperate flora in the world and encompasses a rich floristic diversity of approximately 24 000 taxa (species and infraspecific taxa) of 368 families, including more than 10% of the world's vascular plant flora on less than 2.5% of the earth's land surface area. Accurate coverage of this remarkable flora has been made possible at the species level through PRECIS (National Herbarium, Pretoria (PRE) Computerised Information System), maintained by the National Botanical Institute. PRECIS includes all indigenous and naturalised plants recorded from the same area as the *Flora of southern Africa* (*FSA*): the subcontinent south of the Kunene, Okavango, Zambezi and Limpopo Rivers.

The first list of southern African plants published from PRECIS was the *List of species of southern African plants* (Gibbs Russell *et al.* 1984), which comprised a basic list of names in current use. It was followed by a second edition which appeared in two parts and included synonyms and references to recent literature. Part 1 (Gibbs Russell *et al.* 1985) covered the bryophytes, pteridophytes, gymnosperms and monocotyledons. Part 2 (Gibbs Russell *et al.* 1987) covered the dicotyledons. Updates were listed in *Bothalia* from 1988 to 1991. The third edition in the series, *Plants of southern Africa: names and distribution* edited by T.H. Arnold & B.C. de Wet, appeared in 1993, with regional distribution data as an additional feature.

The current publication, the fourth edition in the series, has been expanded to include data on life cycle, life form, height of plant and altitude together with the updated information on literature references, synonyms and regional distribution. These data are based largely on the herbarium collections of the National Botanical Institute and are therefore inevitably incomplete. They nevertheless provide a useful checklist of the plants of southern Africa.

Changes over ten years

The southern African flora is extremely diverse and many groups are not well known or well documented, with the most recent revisions often going back 50 years or more. When any of these groups are revised, numerous and often radical changes sometimes have to be made, resulting in a relatively high annual incidence of changes in names and concepts. We have compared the numbers of families, genera, species and taxa given ten years ago in Arnold & De Wet (1993) to the numbers reflected in the current work (see Table). Certain names no longer appear in the current list because they are no longer considered relevant to the southern African flora.

TABLE.—Numbers of families, genera, species and taxa (species plus infraspecific taxa) in Arnold & De Wet (1993) and in the current work (2003)

	Families		Genera		Species		Taxa	
	1993	2003	1993	2003	1993	2003	1993	2003
Bryophyta		59		217		546		555
Hepatophyta	94	38	292	90	814	309	817	313
Anthocerotophyta		1		2		7		7
Pteridophyta	28	34	76	88	260	278	282	294
Gymnosperms	7	6	8	10	50	61	52	61
Dicotyledons	177	172	1 710	1 733	16 175	15 653	18 029	17 353
Monocotyledons	47	59	518	499	4 912	4 963	5 323	5 452
Total *FSA*	**353**	**369**	**2 604**	**2 639**	**22 211**	**21 817**	**24 503**	**24 035**

Arrangement and circumscription of families, genera, species and infraspecific taxa

Family, genus and species names and synonyms are given in alphabetical sequence. Current names are in bold. *Synonyms* are printed in *italics*.

Families are primarily grouped into seven more or less natural assemblages: Bryophyta (pp. 1–37); Hepatophyta (pp. 39–61); Anthocerotophyta (pp. 63, 64); Pteridophyta (pp. 65–86); Gymnosperms (pp. 87–90); Dicotyledons (pp.

91–951); and Monocotyledons (pp. 953–1216). The classification of the gymnosperms, dicotyledons and monocotyledons mainly follows Leistner (2000).

A genus name is abbreviated to its initial letter only in that part of the list dealing with that particular genus. Genus names that are used only as synonyms in the *FSA* region are given in italics even if they are considered to be current names outside our area. The seven-digit numbers that follow main genus entries in this work are those used in the PRECIS database of the National Botanical Institute. They do not necessarily reflect phylogenetic relationships between taxa, but are retained as a useful tool for herbarium workers.

A synonym of a species or subspecific name appears twice: in the complete alphabetical listing of names under the genus, and again indented and in smaller type below the accepted name of which it is considered to be a synonym. In the latter case it is followed by one or more literature reference numbers in brackets.

Naturalised taxa are marked with an asterisk before the name.

Author citations

Author citations are according to Brummitt & Powell (1992).

Literature

Most literature entries given in Arnold & De Wet (1993) have been retained. New and other relevant literature have been added. Most titles are given in full. Entries are chronologically arranged.

Floras are cited by the following abbreviations:

CFA	*Conspectus florae angolensis*	*FTA*	*Flora of tropical Africa*
FC	*Flora capensis*	*FTEA*	*Flora of tropical East Africa*
FSA	*Flora of southern Africa*	*FWTA*	*Flora of West tropical Africa*
FSWA	*Prodromus einer Flora von Südwestafrika*	*FZ*	*Flora zambesiaca*

Examples of species information

Life cycle: Annual, biennial or perennial.

Life form: Bryophyte, climber, dwarf shrub, epiphyte, geophyte, graminoid, herb, hydrophyte, lithophyte, parasite, scrambler, shrub, succulent, suffrutex or tree.

Height of plant: Ht x–xx mm/m, up to xx mm/m or ± xx mm/m.

Altitude where plants occur, if known: Alt xx–xxxx m, up to xxxx m or ± xxxx m.

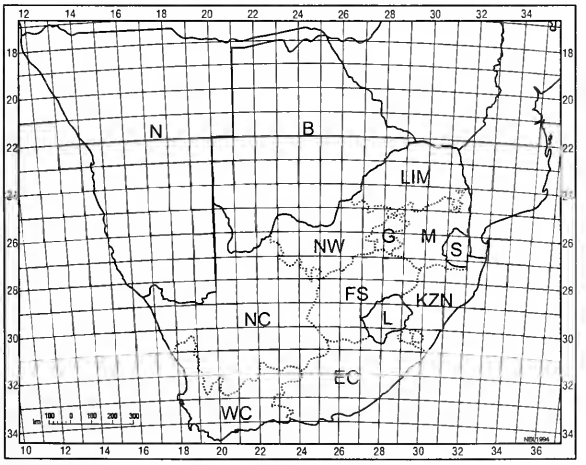
Distribution: Countries and RSA provinces abbreviated and given in the following order (see Map): N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC. Where current distribution records are unknown because of old herbarium collections with incomplete information, abbreviations of old province are given, for example Cape Province ('CP') and Transvaal ('TV' or 'Tvl'), or South Africa ('SA') and Republic of South Africa ('RSA').

Index

The Index guides the reader to the main entries of genera and families.

Authorship

Most compilers of this work are staff of one of the three herbaria of the National Botanical Institute, namely the Compton Herbarium, National Herbarium and Natal Herbarium. The following persons from outside the Institute contributed: Dr Peter Bruyns of the Bolus Herbarium, University of Cape Town; Mr Ingo Breuer, Germany; Prof. Christopher Cook formerly of the Botanical Garden and Institute for Systematic Botany, University of Zürich; Mr Tony Dold, of the Selmar Schonland Herbarium, Rhodes University; Mr Neil J. Griffin of the International Ocean Institute of Southern Africa, University of the Western Cape; Dr Leanne Dreyer of the Botany Department, University of Stellenbosch; Dr Peter Goldblatt of the Missouri Botanical Garden, St Louis; Dr Cornelia Klak of the Bolus Herbarium, University of Cape Town; Eric B. Knox of the Depart-



MAP.—Countries and current RSA provinces referred to in this work: Namibia (N), Botswana (B), Limpopo Province (LIM), North-West Province (NW), Gauteng Province (G), Mpumalanga Province (M), Swaziland (S), Free State Province (FS), KwaZulu-Natal Province (KZN), Lesotho (L), Northern Cape Province (NC), Western Cape Province (WC), Eastern Cape Province (EC).

ment of Biology, Indiana University, Bloomington, USA; Ms Anna Moteetee of the Botany Department, Rand Afrikaans University; Dr Ashley Nicholas of the Botany Department, University of Durban-Westville; Dr Peter Phillipson, Paris; Mr Marcus Quint, Germany; Dr Pat Tilney of the Botany Department, Rand Afrikaans University; Prof. Ben-Erik van Wyk of the Botany Department, Rand Afrikaans University; Prof. Johan Venter of the Department of Botany and Genetics, University of the Free State; and Dr Graham Williamson, Bergvliet, Cape Town.

Editors' acknowledgements

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G. Germishuizen & N.L. Meyer
Pretoria, September 2003

Definitions of life forms

To assist the reader, we include the following definitions of a selection of some lesser known life form terms (mostly R. Glen, pers. comm.):

Carnivore: a plant that can utilise proteins and minerals obtained from trapped animals, mostly insects.
Cyperoid: a term used for members of the Cyperaceae family.
Epihydate: a plant with leaves and/or stems floating on the surface of the water but not rising above the water, roots penetrating the substrate.
Epiphyte: a plant that grows on another plant but without deriving nourishment from it and not parasitic, as some ferns and orchids growing on trees.
Geophyte: a perennial plant, usually herbaceous, with renewal buds located on the plant below the soil surface, as on bulbs or rhizomes.
Graminoid: a term used for members of the grass family, Poaceae.
Haptophyte: a plant that is attached to but not penetrating a solid substrate.
Helophyte: a plant typical of marshy or lake-edge environments, in which the perennating organ lies in soil or mud below the water level, but the aerial shoots protrude above the water.
Hydrophyte: a plant that is morphologically and/or physiologically adapted to grow in water or very wet environments.
Hyperhydate: an emergent plant, with leaves and/or stems emerging well beyond the water surface, roots penetrating the substrate.
Lignotuber: a woody swelling below or just above the ground, containing adventitious buds from which new shoots develop if the top is cut or burnt.
Lithophyte: a plant that grows on rocks.
Mallee: any of several low, shrubby eucalyptus trees that flourish in desert regions of Australia.
Parasite: a plant living on another plant and deriving nourishment from it.
Plankton: plants that are completely submerged, not attached to any substrate.
Pleustophyte: a plant that is free-floating on the water surface, not attached to or penetrating the substrate, with some photosynthetic parts in contact with air.
Restioid: a term used for members of the Restionaceae family.
Rheophyte: a flood-resistant plant that is confined to the beds of swift-flowing streams or rivers and to adjacent floodplains.
Rosulate: with leaves borne in a rosette.
Sudd hydrophyte: an aquatic plant that grows rooted in sudd (an impenetrable mass of floating vegetable matter).
Tenagophyte: an amphibious plant, the juvenile submerged or floating on water and the adult (reproductive) phase terrestrial.
Vittate: pertaining to submerged plants, rooted in substrate, leaves arranged along elongated stem.

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BRYOPHYTA

AMBLYSTEGIACEAE

Compiled by J. van Rooy

CAMPYLIADELPHUS (Schimp.) R.S.Chopra 9774100

(1) Hedenäs. 1997. *The Bryologist* 100: 77, 78.
(2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 148.
(3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

chrysophyllus (Brid.) R.S.Chopra
Perennial. Bryophyte. Length? Alt ± 3200 m. L

polygamus (Schimp.) Kanda = **Drepanocladus polygamus**

CRATONEURON (Sull.) Spruce 9774200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(2) Ochyra. 1994. *Fragmenta Floristica et Geobotanica* 39: 137–146.
(3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

filicinum (Hedw.) Spruee
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt ± 2125 m. KZN

DREPANOCLADUS (Müll.Hal.) G.Roth 9774300

(1) Ochyra & Pócs. 1992. *Fragmenta Floristica et Geobotanica* 37: 379–388.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(3) O'Shea. 1995. *Tropical Bryology* 10: 120.
(4) Hedenäs. 1997. *The Bryologist* 100: 81, 82.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 149.
(6) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

hallii Broth. & Dixon
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? WC

polygamus (Sehimp.) Hedenäs
Campyliadelphus polygamus (Schimp.) Kanda (4)
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? KZN

revolvens (Sw.) Warnst.
Perennial. Bryophyte, hydrophyte. Length? Alt 2700–3050 m. L

sparsus Müll.Hal.
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? FS, KZN, L, EC

HYGROAMBLYSTEGIUM Loeske 9774400

(1) Sim. 1926. *The bryophyta of South Africa*: 413.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
Note: taxonomic position uncertain (3)

caudicaule (Müll.Hal.) Broth.
Perennial. Bryophyte, hydrophyte. Length 100–150 mm. Alt 61–2700 m. KZN, WC

LEPTODICTYUM (Schimp.) Warnst. 9774500

(1) Sim. 1926. *The bryophyta of South Africa*: 414.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

riparium (Hedw.) Warnst.
Perennial. Bryophyte, hydrophyte. Length 25–50 mm. Alt 15–2100 m. B, M, FS, KZN

SANIONIA Loeske 9774700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
(2) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
Note: taxonomic position uncertain (2)

uncinata (Hedw.) Loeske
Perennial. Bryophyte, hydrophyte. Length up to 200 mm. Alt? FS

VITTIA Ochyra 9774900

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
(2) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
Note: taxonomic position uncertain (2)

pachyloma (Mont.) Oehyra
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt 914–1300 m. LIM, KZN, EC

ANDREAEACEAE

Compiled by J. van Rooy

ANDREAEA Hedw. 9734800

(1) Magill. 1981. *FSA* Bryophyta 1,1: 33–37.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 17.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

acutifolia Hook.f. & Wilson
Perennial. Bryophyte. Ht? Alt 2900–3200 m. KZN, L

alpina Hedw.
Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN, L

bistratosa Magill
Perennial. Bryophyte. Ht 5–20 mm. Alt ± 1375–1525 m. WC

nitida Hook.f. & Wilson
Perennial. Bryophyte. Ht 20–120 mm. Alt ± 1525–1675 m. WC

rupestris Hedw.
Perennial. Bryophyte. Ht 5–20 mm. Alt 1525–3240 m. FS, KZN, L, WC, EC

subulata Harv.
Perennial. Bryophyte. Ht 10–20 mm. Alt ± 925–1825 m. WC

ANOMODONTACEAE

Compiled by J. van Rooy

ANOMODON Hook. & Taylor 9762200

(1) Granzow-de la Cerda. 1997. *Contributions of the University of Michigan Herbarium* 21: 243–245.

pseudotristis (Müll.Hal.) Kindb.
Haplohymenium pseudotriste (Müll.Hal.) Broth. (1)
Perennial. Bryophyte. Length 5–15 mm. Alt 20–1700 m. G, M, S, KZN, WC, EC

HAPLOHYMENIUM Schwägr. 9772700

pseudotriste (Müll.Hal.) Broth. = **Anomodon pseudotristis**

HERPETINEURON (Müll.Hal.) Cardot 9772740

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(2) Granzow-de la Cerda. 1997. *Contributions of the University of Michigan Herbarium* 21: 262–264.

toccoae (Sull. & Lesq.) Cardot
Perennial. Bryophyte. Length 20–40 mm. Alt 914–1300 m. M, KZN

ARCHIDIACEAE

Compiled by J. van Rooy

ARCHIDIUM Brid. 9736100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 71–81.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.

acanthophyllum Snider
Perennial. Bryophyte. Ht 3–8 mm. Alt 354–1075 m. LIM, G, M, S, KZN

amplexicaule Müll.Hal.
Perennial. Bryophyte. Ht 2–10 mm. Alt? WC

andersonianum Snider
Perennial. Bryophyte Ht 2–6 mm. Alt? WC

capense Hornsch.
Perennial. Bryophyte. Ht 1–4 mm. Alt 600–3200 m. FS, L, WC

dinteri (Irmsch.) Snider
Perennial. Bryophyte. Ht up to 10 mm. Alt? N

julicaule Müll.Hal.
Perennial. Bryophyte. Ht 2–7 mm. Alt up to 2860 m. L, WC

microthecium Dixon & P.de la Varde
Perennial. Bryophyte. Ht 1–5 mm. Alt 420–1500 m. N, LIM, KZN

muellerianum Snider
Perennial. Bryophyte. Ht 3–5 mm. Alt? WC

ohioense Schimp. ex Müll.Hal.
Perennial. Bryophyte. Ht 2–15 mm. Alt up to 2860 m. N, LIM, G, M, S, FS, KZN, L, WC, EC

rehmannii Mitt.
Perennial. Bryophyte. Ht 2–10 mm. Alt ± 750 m. WC

subulatum Müll.Hal.
Perennial. Bryophyte. Ht 4–15 mm. Alt? WC

BARTRAMIACEAE

Compiled by J. van Rooy

ANACOLIA Schimp. 9754900

(1) Magill. 1987. *FSA* Bryophyta 1,2: 410–412.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34, 35.

breutelii (Schimp. ex Müll.Hal.) Magill var. **breutelii**
Perennial. Bryophyte. Ht 10–30 mm. Alt up to 2900 m. FS, KZN, L, NC, WC, EC

breutelii (Schimp. ex Müll.Hal.) Magill var. **squarrifolia** (Sim) Magill
Perennial. Bryophyte. Ht 10–30 mm. Alt ± 900–2400 m. KZN, L, WC

BARTRAMIA Hedw. 9755000

(1) Magill. 1987. *FSA* Bryophyta 1,2: 412–418.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33, 34.

aristaria Müll.Hal.
Perennial. Bryophyte. Ht 5–10 mm. Alt 50–1700 m. M, KZN, WC

capensis (R.Br.) Wijk & Margad.
Perennial. Bryophyte. Ht 5–8 mm. Alt 50–1225 m. KZN, WC, EC

compacta Hornsch. var. **compacta**
Perennial. Bryophyte. Ht 5–15 mm. Alt 30–1200 m. NC, WC, EC

compacta Hornsch. var. **macowaniana** (Müll.Hal.) Magill

Perennial. Bryophyte. Ht up to 5 mm. Alt? EC

hampeana Müll.Hal.
Perennial. Bryophyte. Ht 3–60 mm. Alt 50–3270 m. LIM, M, FS, KZN, L, NC, WC, EC

BARTRAMIDULA Bruch & Schimp. 9755100

comosa Broth. = **Philonotis comosa**

globosa (Müll.Hal.) Broth. = **Philonotis globosa**

globosa (Müll.Hal.) Broth. var. *tenuicaulis* (Müll.Hal.) Sim = **Philonotis globosa**

BREUTELIA (Bruch & Schimp.) Schimp. 9755200

(1) Magill. 1987. *FSA* Bryophyta 1,2: 432–438.
(2) Griffin. 1992. *Tropical Bryology* 5: 55–59.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34.

angustifolia Rehmann ex Sim = **B. microdonta**

diffracta Mitt.
Perennial. Bryophyte. Ht 50–200 mm. Alt ± 900–2900 m. LIM, M, KZN, EC

elliptica Magill
Perennial. Bryophyte. Ht 30–50 mm. Alt? WC

microdonta (Mitt.) Broth.
B. angustifolia Rehmann ex Sim (2)
Perennial. Bryophyte. Ht 10–50 mm. Alt 750–2125 m. NW, G, M, FS, KZN, WC, EC

substricta (Schimp.) Magill
Perennial. Bryophyte. Ht 20–50 mm. Alt 625–2860 m. FS, KZN, L, NC, WC, EC

tabularis Dixon
Perennial. Bryophyte. Ht 80–20 mm. Alt 900–1200 m. WC

CONOSTOMUM Sw. 9755300

(1) Magill. 1987. *FSA* Bryophyta 1,2: 418–420.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
(3) Virtanen. 1999. *Acta Botanica Fennica* 165: 3.

pentastichum (Brid.) Lindb.
Perennial. Bryophyte. Ht 5–15 mm. Alt 2860–3200 m. KZN, L

PHILONOTIS Brid. 9755400

(1) Magill. 1987. *FSA* Bryophyta 1,2: 424–432.
(2) Griffin & Buck. 1989. *The Bryologist* 92: 368–380.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34.

africana (Müll.Hal.) Rehmann ex Paris
Perennial. Bryophyte. Ht 20–50 mm. Alt 150–2125 m. LIM, NW, G, M, S, KZN, WC, EC

comosa (Broth.) D.G.Griffin & W.R.Buck
Bartramidula comosa Broth. (2)
Perennial. Bryophyte. Ht up to 5 mm. Alt ± 450–925 m. WC

dregeana (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Ht 5–50 mm. Alt up to 2450 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

falcata (Hook.) Mitt.
Perennial. Bryophyte. Ht 20–80 mm. Alt 70–3200 m. N, B, LIM, NW, G, M, FS, KZN, L, WC, EC

globosa (Müll.Hal.) D.G.Griffin & W.R.Buck
Bartramidula globosa (Müll.Hal.) Broth. (2)
Bartramidula globosa (Müll.Hal.) Broth. var. *tenuicaulis* (Müll.Hal.) Sim (2)
Perennial. Bryophyte. Ht 2–10 mm. Alt 1950–3200 m. LIM, NW, FS, KZN, L, WC, EC

hastata (Duby) Wijk & Margad.
Perennial. Bryophyte. Ht 10–30 mm. Alt up to 2750 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

scabrifolia (Hook.f. & Wilson) Braithw.
Perennial. Bryophyte. Ht 10–40 mm. Alt 400–3240 m. KZN, L, NC, WC

vagans (Hook. & Wilson) Mitt.
Perennial. Bryophyte. Ht 20–50 mm. Alt? WC

PLAGIOPUS Brid. 9755500

(1) Magill. 1987. *FSA* Bryophyta 1,2: 409, 410.
(2) Crosby *et al.* 1992. *Monographs in Systematic Botany from the Missouri Botanical Garden* 42: 436.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.

oederianus (Sw.) H.A.Crum & L.E.Anderson
Perennial. Bryophyte. Ht 20–30 mm. Alt 2125–2900 m. KZN, L

QUATHLAMBA Magill 9755600

(1) Magill. 1987. *FSA* Bryophyta 1,2: 421.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.

debilicostata Magill
Perennial. Bryophyte. Ht 5–15 mm. Alt ± 2800–2900 m. KZN, L

BRACHYTHECIACEAE

Compiled by J. van Rooy

BRACHYTHECIUM Schimp. 9775400

(1) Sim. 1926. *The bryophyta of South Africa*: 368–371.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

implicatum (Hornsch. ex Müll.Hal.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Length 25–75 mm. Alt 15–2400 m. LIM, NW, G, M, FS, KZN, L, WC, EC

pinnatum Dixon
Perennial. Bryophyte. Length 40–60 mm. Alt? WC

plumosum (Hedw.) Schimp.
Perennial. Bryophyte. Length? Alt 300–2100 m. M, KZN, L, WC

populeum (Hedw.) Schimp.
Perennial. Bryophyte. Length? Alt? EC

pseudopopuleum (Schimp. ex Müll.Hal.) Schimp.
Perennial. Bryophyte. Length? Alt? WC

pseudovelutinum (Hampe ex Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length? Alt? WC

salebrosum (Hoffm. ex F.Weber & D.Mohr) Schimp.
Perennial. Bryophyte. Length 25–50 mm. Alt 60–1600 m. LIM, S, KZN, WC, EC

subrutabulum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length 25–75 mm. Alt 900–2400 m. LIM, FS, KZN, L, EC

HOMALOTHECIUM Schimp. 9775500

afrostriatum (Müll.Hal.) Ochyra = **Palamocladium leskeoides**

KINDBERGIA Ochyra 9775550

(1) Ochyra. 1982. *Lindbergia* 8: 53, 54.
(2) Arts. 1998. *Journal of Bryology* 20: 435–438.

praelonga (Hedw.) Ochyra
Perennial. Bryophyte. Length up to 50 mm. Alt ± 300 m. WC

OXYRRHYNCHIUM (Schimp.) Warnst. 9775600

(1) Sim. 1926. *The bryophyta of South Africa*: 371–373.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

confervoidum Sim
Perennial. Bryophyte. Length up to 50 mm. Alt ± 610 m. KZN, WC

subasperum Sim
Perennial. Bryophyte, occ. epiphyte. Length 50–100 mm. Alt 900–1300 m. LIM, G, M, KZN, WC, EC

PALAMOCLADIUM Müll.Hal. 9775700

(1) Buck. 1993. *Tropical Bryology* 8: 199–217.
(2) Hofmann. 1997. *Lindbergia* 22: 3–20.

leskeoides (Hook.) E.Britton
Homalothecium afrostriatum (Müll.Hal.) Ochyra (2)
P. sericeum (A.Jaeger) Müll.Hal. (2)
P. sericeum (A.Jaeger) Müll.Hal. var. *afrostriatum* Müll.Hal. (2)
Perennial. Bryophyte, epiphyte. Length up to 100 mm. Alt 150–2100 m. LIM, M, S, KZN, L, WC, EC

sericeum (A.Jaeger) Müll.Hal. = **P. leskeoides**

sericeum (A.Jaeger) Müll.Hal. var. *afrostriatum* Müll.Hal. = **P. leskeoides**

PLATYHYPNIDIUM M.Fleisch. 9774600

(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 111.

mac-owanianum (Paris) M.Fleisch.
Perennial. Bryophyte, hydrophyte. Length up to 200 mm. Alt? M

PSEUDOSCLEROPODIUM (Limpr.) M.Fleisch 9775850

(1) Arts. 1998. *Journal of Bryology* 20: 441.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 111.

purum (Hedw.) M.Fleisch.
Perennial. Bryophyte. Length up to 150 mm. Alt ± 550 m. WC

RHYNCHOSTEGIELLA (Schimp.) Limpr. 9775900

(1) Sim. 1926. *The bryophyta of South Africa*: 375–377.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
(4) Arts. 1998. *Journal of Bryology* 20: 441.

holstii (Broth.) Broth.
Perennial. Bryophyte. Length up to 20 mm. Alt? EC

litorea (De Not.) Limpr.
Perennial. Bryophyte. Length up to 20 mm. Alt 50–210 m. WC, EC

sublaevipes Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 600 m. KZN

zeyheri (Spreng. ex Müll.Hal.) Broth.
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt up to 1800 m. G, M, KZN, WC, EC

RHYNCHOSTEGIUM Bruch & Schimp. 9776000

(1) Sim. 1926. *The bryophyta of South Africa*: 373–375.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

brachypterum (Hornsch.) A.Jaeger
Perennial. Bryophyte, epiphyte. Length 25–50 mm. Alt 40–2400 m. LIM, G, M, KZN, L, WC, EC

raphidorrhynchum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length 25–65 mm. Alt 100–1700 m. LIM, G, M, KZN, WC, EC

subbrachypterum Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 600 m. KZN, EC

BRUCHIACEAE

Compiled by J. van Rooy

BRUCHIA Schwägr. 9738700

(1) Magill. 1981. *FSA* Bryophyta 1,1: 106–110.
(2) Rushing. 1986. *Journal of the Hattori Botanical Laboratory* 60: 35–83.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20, 21.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

brevipes Harv. ex Hook.
Annual. Bryophyte. Ht up to 3 mm. Alt 50–700 m. WC

eckloniana Müll.Hal.
Annual. Bryophyte. Ht up to 1 mm. Alt? WC

foveolata Magill = **B. queenslandica**

queenslandica I.G.Stone
B. foveolata Magill (2)
Annual. Bryophyte. Ht up to 1 mm. Alt ± 1500 m. N

CLADOPHASCUM Dixon 9739000

(1) Magill. 1981. *FSA* Bryophyta 1,1: 110, 111.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 22.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

gymnomitrioides (Dixon) Dixon
Aongstroemia gymnomitrioides Dixon (1)
Perennial. Bryophyte. Ht up to 10 mm. Alt ± 1000–1800 m. N, LIM, G, M, FS, L, NC, WC, EC

TREMATODON Michx. 9740300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 111–117.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

divaricatus Bruch
Perennial. Bryophyte. Ht 3–4 mm. Alt up to 800 m. LIM, KZN, EC

intermedius Welw. & Duby
Perennial. Bryophyte. Ht 1–2 mm. Alt 600–2125 m. N, LIM, M, S, FS, KZN, WC

longicollis Michx.
Perennial. Bryophyte. Ht 1–7 mm. Alt ± 750–1500 m. LIM, NW, G, FS, KZN, WC

mayottensis Besch.
Perennial. Bryophyte. Ht 1–3 mm. Alt up to 1500 m. FS, KZN

paradoxus Hornsch.
Perennial. Bryophyte. Ht 1–2 mm. Alt ± 1375–2900 m. M, FS, KZN, WC, EC

pillansii Dixon
Perennial. Bryophyte. Ht up to 1 mm. Alt up to 1225 m. WC

BRYACEAE

Compiled by J. van Rooy

ANOMOBRYUM Schimp. 9750000

(1) Kis. 1985. *Mosses of South-east Africa*: 137.
(2) Magill. 1987. *FSA* Bryophyta 1,2: 357–360.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30.
(4) O'Shea. 1995. *Tropical Bryology* 10: 98.

drakensbergense Van Rooy
Perennial. Bryophyte. Ht up to 20 mm. Alt 2100–3050 m. FS, KZN, L

filiforme (Dicks.) Husn., illegitimate name = **A. julaceum**

julaceum (Schrad. ex P.Gaertn., B.Mey. & Scherb.) Schimp.
A. filiforme (Dicks.) Husn., illegitimate name (1, 4)
Perennial. Bryophyte. Ht up to 37 mm. Alt 750–2750 m. LIM, G, M, FS, KZN, L, EC

BRACHYMENIUM Schwägr. 9750100

(1) Ochi. 1985. *Journal of the Faculty of Education, Tottori University* 34: 43–48.
(2) Magill. 1987. *FSA* Bryophyta 1,2: 341–348.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30, 31.
(4) Arts. 1998. *Journal of Bryology* 20: 431, 432.

acuminatum Harv.
Perennial. Bryophyte. Ht 2–10 mm. Alt 30–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

angolense (Welw. & Duby) A.Jaeger = **B. systylium**

chilense Ochi & Mahu
Perennial. Bryophyte. Ht up to 10 mm. Alt ± 410–630 m. WC

dicranoides (Hornsch.) A.Jaeger
Perennial. Bryophyte. Ht 2–7 mm. Alt up to 300 m. WC

leptophyllum (Bruch & Schimp. ex Müll.Hal.) Bruch & Schimp. ex A.Jaeger
Perennial. Bryophyte, epiphyte. Ht 2–5 mm. Alt ± 750–1075 m. M, KZN

nepalense Hook.
Perennial. Bryophyte, epiphyte. Ht 5–10 mm. Alt ± 1225–1950 m. LIM, M, S, KZN

pulchrum Hook.
Perennial. Bryophyte, epiphyte. Ht 5–35 mm. Alt 200–2450 m. LIM, M, S, KZN, WC, EC

systylium (Müll.Hal.) A.Jaeger
B. angolense (Welw. & Duby) A.Jaeger (1)
Perennial. Bryophyte, epiphyte. Ht 2–10 mm. Alt 950–2125 m. N, LIM, M, KZN

BRYUM Hedw. 9750200

(1) Ochi. 1972. *Journal of the Faculty of Education, Tottori University* 23: 41–106.
(2) Ochi. 1980. *Journal of the Faculty of Education, Tottori University* 29: 107–154.
(3) Magill. 1987. *FSA* Bryophyta 1,2: 361–388.
(4) Ochyra. 1989. *Journal of Bryology* 15: 551–553.
(5) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 31, 32.
(6) O'Shea. 1995. *Tropical Bryology* 10: 104–107.
(7) Van Rooy. 1997. *Journal of Bryology* 19: 830–832.
(8) Arts. 1998. *Journal of Bryology* 20: 432–434.

alpinum Huds. ex With.
Perennial. Bryophyte. Ht 5–55 mm. Alt 20–3350 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

andicola Hook.
Perennial. Bryophyte, occ. epiphyte. Ht 3–30 mm. Alt 50–1900 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

apiculatum Schwägr.
Perennial. Bryophyte, hydrophyte. Ht 5–35 mm. Alt 100–1750 m. N, NW, G, M, FS, KZN, NC, WC, EC

argenteum Hedw.
Perennial. Bryophyte. Ht 1–25 mm. Alt up to 3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

aubertii (Schwägr.) Brid.
Perennial. Bryophyte, occ. epiphyte. Ht 5–60 mm. Alt 40–2125 m. LIM, NW, G, FS, KZN, L, WC, EC

bicolor Dicks. = **B. dichotomum**

caespiticium Hedw.
Perennial. Bryophyte. Ht 5–15 mm. Alt 2500–3200 m. KZN, L, EC

canariense Brid.
B. condensatum Hampe (1)
Perennial. Bryophyte. Ht 3–22 mm. Alt up to 1800 m. LIM, M, S, FS, KZN, L, NC, WC, EC

capillare Hedw.
Perennial. Bryophyte. Ht 1–15 mm. Alt 100–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

cellulare Hook.
Perennial. Bryophyte, hydrophyte. Ht 3–20 mm. Alt 600–2775 m. N, LIM, NW, G, M, S, FS, KZN, L

condensatum Hampe = **B. canariense**

dichotomum Hedw.
B. bicolor Dicks. (2)
Perennial. Bryophyte. Ht 3–15 mm. Alt 20–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

donianum Grev.
Perennial. Bryophyte. Ht 5–15 mm. Alt? WC

erythrocaulon (Schwägr.) Brid.
Perennial. Bryophyte. Ht up to 20 mm. Alt ± 900 m. LIM, KZN, WC, EC

laxogemmaceum Müll.Hal. = **B. subapiculatum**

micro-erythrocarpum Müll.Hal. & Kindb. = **B. subapiculatum**

pseudotriquetrum (Hedw.) P.Gaertn., B.Mey. & Scherb.
Perennial. Bryophyte. Ht 3–42 mm. Alt up to 3200 m. LIM, NW, G, M, FS, KZN, L, WC, EC

pycnophyllum (Dixon) Mohamed
Perennial. Bryophyte, occ. epiphyte. Ht 5–45 mm. Alt ± 15–2450 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

radiculosum Brid.
Perennial. Bryophyte. Ht 2–10 mm. Alt ± 30–1737 m. N, NC, WC, EC

rubens Mitt.
Perennial. Bryophyte. Ht up to 10 mm. Alt 150–1300 m. WC, EC

ruderale Crundw. & Nyholm
Perennial. Bryophyte. Ht up to 8 mm. Alt ± 200 m WC

subapiculatum Hampe
B. laxogemmaceum Müll.Hal. (1)
B. micro-erythrocarpum Müll.Hal. & Kindb. (2)
B. zuluense Broth. & Bryhn (1)
Perennial. Bryophyte. Ht 3–15 mm. Alt 600–1375 m. NW, KZN, WC

torquescens Bruch ex De Not.
Perennial. Bryophyte, occ. epiphyte. Ht 1–20 mm. Alt up to 2150 m. LIM, NW, FS, KZN, L, NC, WC, EC

turbinatum (Hedw.) Turner
Perennial. Bryophyte. Ht 4–45 mm. Alt ± 1500–2425 m. FS, KZN, L, EC

viguieri Thér.
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1200 m. M

viridescens Welw. & Duby
Perennial. Bryophyte, occ. epiphyte. Ht 5–35 mm. Alt 300–2050 m. LIM, G, M, S, KZN, EC

zuluense Broth. & Bryhn = **B. subapiculatum**

PLAGIOBRYUM Lindb. 9750800

(1) Magill. 1987. *FSA* Bryophyta 1,2: 354, 355.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.

zierii (Dicks. ex Hedw.) Lindb.
Perennial. Bryophyte. Ht 4–10 mm. Alt 1525–3200 m. KZN, L

RHODOBRYUM (Schimp.) Limpr. 9751000

(1) Magill. 1987. *FSA* Bryophyta 1,2: 388–393.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32, 33.

commersonii (Schwägr.) Paris
Perennial. Bryophyte. Ht up to 50 mm. Alt up to 1800 m. LIM, M, S, KZN, WC, EC

keniae (Müll.Hal.) Broth.
Perennial. Bryophyte. Ht 5–70 mm. Alt 240–1980 m. LIM, M, S, KZN, EC

roseum (Hedw.) Limpr.
Perennial. Bryophyte. Ht 10–50 mm. Alt 1200–2300 m. LIM, M, KZN, L, EC

umbraculum (Bruch ex Hook.) Schimp. ex Paris
Perennial. Bryophyte. Ht up to 40 mm. Alt 150–2125 m. LIM, M, FS, KZN, WC, EC

BRYOBARTRAMIACEAE

Compiled by J. van Rooy

BRYOBARTRAMIA Sainsbury 9745900

(1) Magill. 1981. *FSA*. Bryophyta 1,1: 269, 270.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.

novae-valesiae (Broth. ex G.Roth) I.G.Stone & G.A.M.Scott

Annual or perennial. Bryophyte. Ht up to 3 mm. Alt ± 350–540 m. NC, WC

CALYMPERACEAE

Compiled by J. van Rooy

CALYMPERES Sw. ex F.Weber 9740800

(1) Magill. 1981. *FSA* Bryophyta 1,1: 163–166.
(2) Reese & Mohamed. 1985. *The Bryologist* 88: 98–109.
(3) Ellis. 1988. *Journal of Bryology* 15: 233.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

levyanum Besch.
Perennial. Bryophyte, epiphyte. Ht 4–6 mm. Alt ± 200 m. EC

pallidum Mitt.
C. rabenhorstii Hampe & Müll.Hal. (3)
Perennial. Bryophyte, epiphyte. Ht 1–6 mm. Alt? M, KZN

rabenhorstii Hampe & Müll.Hal. = **C. pallidum**

tenerum Müll.Hal.
C. tenerum Müll.Hal. var. *edamense* M.Fleisch. (2)
Perennial. Bryophyte, epiphyte. Ht 1–2 mm. Alt ± 50–100 m. KZN

tenerum Müll.Hal. var. *edamense* M.Fleisch. = **C. tenerum**

OCTOBLEPHARUM Hedw. 9741000

(1) Magill. 1981. *FSA* Bryophyta 1,1: 161–163.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

albidum Hedw.
Perennial. Bryophyte, occ. epiphyte. Ht 2–4 mm. Alt ± 300–1500 m. LIM, G, M, S, KZN, EC

SYRRHOPODON Schwägr. 9741100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 166–169.
(2) Orban. 1981. *Acta Botanica Academiae Scientiarum Hungaricae* 27: 169–177.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23, 24.

asper Mitt.
S. gomesii P.de la Varde (2)
Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt ± 920–1478 m. LIM, M

erectifolius Müll.Hal. = **S. gaudichaudii**

gaudichaudii Mont.
S. erectifolius Müll.Hal. (2)
S. obliquirostris Müll.Hal. (2)
S. uncinifolius Müll.Hal. (2)
Perennial. Bryophyte, epiphyte. Ht 5–10 mm. Alt 50–1970 m. LIM, M, S, FS, KZN, WC, EC

gomesii P.de la Varde = **S. asper**

obliquirostris Müll.Hal. = **S. gaudichaudii**

uncinifolius Müll.Hal. = **S. gaudichaudii**

CATAGONIACEAE

Compiled by J. van Rooy

CATAGONIUM Müll.Hal. ex Broth. 9777800

(1) Lin. 1984. *Journal of the Taiwan Museum* 37: 1–54.
(2) Van Rooy in Arnold & De Wet 1993. *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte Biology*: 114.

mucronatum (A.Jaeger) Broth. = **C. nitens** subsp. **maritimum**

nitens (Brid.) Cardot subsp. **maritimum** (Hook.) S.H.Lin
C. mucronatum (A.Jaeger) Broth. (1, 2)
Perennial. Bryophyte, occ. epiphyte. Length 50–150 mm. Alt up to 2200 m. LIM, M, S, KZN, WC, EC

nitens (Brid.) Cardot subsp. **nitens**
Perennial. Bryophyte, occ. epiphyte. Length 50–120 mm. Alt? S

CRYPHAEACEAE

Compiled by J. van Rooy

CRYPHAEA D.Mohr in F.Weber 9762000

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 550–552.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 115.
(4) Rao. 2001. *Bryobrothera* 7: 46–53.

dentata Mitt. = **C. jamesonii**

exigua (Müll.Hal.) A.Jaeger = **C. jamesonii**

jamesonii Taylor
C. dentata Mitt. (4)
C. exigua (Müll.Hal.) A.Jaeger (4)
Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt ± 400–1700 m. LIM, M, S, KZN, NC, WC, EC

rutenbergii Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt ± 1200–1400 m. LIM

SCHOENOBRYUM Dozy & Molk. 9762050

(1) Arts. 1998. *Journal of Bryology* 20: 441, 442.
(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 115.

welwitschii (Duby) Manuel
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 120 m. WC

DALTONIACEAE

Compiled by J. van Rooy

CALYPTROCHAETA Desv. 9768200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 601–604.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

asplenioides (Brid.) Crosby

Perennial. Bryophyte. Length 10–30 mm. Alt ± 200–550 m. WC

DISTICHOPHYLLUM Dozy & Molk. 9768400

(1) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 612–614.
(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

mniifolium (Hornsch.) Sim var. **mniifolium**

Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt up to 150 m. WC, EC

mniifolium (Hornsch.) Sim var. **taylorii** (Sim) Magill

Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt up to 150 m. WC

DICRANACEAE

Compiled by J. van Rooy

AMPHIDIUM Schimp. 9757900

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35, 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 486–490.
(3) Frahm *et al.* 2000. *Tropical Bryology* 18: 171–184.

lapponicum (Hedw.) Schimp.

Perennial. Bryophyte. Ht up to 38 mm. Alt 2600–3048 m. KZN, L

tortuosum (Hornsch.) Cufod.

Perennial. Bryophyte. Ht up to 28 mm. Alt ± 2000–3100 m. KZN, L, WC

ANISOTHECIUM Mitt., illegitimate name 9738400

symonsii (Dixon) Broth. = **Dicranella cardotii**

AONGSTROEMIA Bruch & Schimp. 9738500

(1) Magill. 1981. *FSA* Bryophyta 1,1: 118–120.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

filiformis (P.Beauv.) Wijk & Margad.

Perennial. Bryophyte. Ht 10–20 mm. Alt ± 750 m. M, KZN

gymnomitrioides Dixon = **Cladophascum gymnomitrioides**

julacea (Hook.) Mitt.

Perennial. Bryophyte. Ht 5–10 mm. Alt 500–3240 m. FS, KZN, L

AONGSTROEMIOPSIS M.Fleisch. 9738600

(1) Magill. 1987. *Journal of Bryology* 14: 527–530.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

julacea (Dozy & Molk.) M.Fleisch.

Perennial. Bryophyte. Ht up to 10 mm. Alt ± 2860 m. L

ATRACTYLOCARPUS Mitt. 9738650

(1) Padberg & Frahm. 1985. *Cryptogamie, Bryologie* 6: 315–341.
(2) Arts. 1998. *Journal of Bryology* 20: 431.
(3) Zijlstra. 1998. *Taxon* 47: 860.
(4) Greuter *et al.* 2000. *Saint Louis Code*: 212.

madagascariensis (Thér.) Padberg & J.-P.Frahm

Metzleria madagascariensis (Thér.) J.-P.Frahm (3, 4)

Perennial. Bryophyte. Ht up to 8 mm. Alt ± 610 m. WC

CAMPYLOPUS Brid. 9738800

(1) Magill. 1981. *FSA* Bryophyta 1,1: 138–154.
(2) Corley & Frahm. 1982. *Journal of Bryology* 12: 187–190.
(3) Frahm. 1984. *Nova Hedwigia* 39: 585–621.
(4) Vital. 1984. *Cryptogamie, Bryologie* 5: 15–26.
(5) Frahm. 1985. *Bryophytorum Bibliotheca* 31: 1–216.
(6) Frahm. 1987. *Bryologische Beitraege* 7: 1–117.
(7) Frahm. 1994. *Nova Hedwigia* 59: 147–155.
(8) Frahm. 1994. *Hikobia* 11: 371–376.
(9) Arts. 1998. *Journal of Bryology* 20: 434.
(10) Frahm. 1998. *Cryptogamie, Bryologie* 19: 27–34.

acuminatus Mitt. var. **kirkii** (Mitt.) J.-P.Frahm

Perennial. Bryophyte. Ht up to 50 mm. Alt 50–640 m. WC

altovirescens (Müll.Hal.) Paris = **C. robillardei**

ampliretis (Müll.Hal.) Paris = **C. flaccidus**

angustinervis Dixon = **C. perpusillus**

atroluteus (Müll.Hal.) Paris = **C. bicolor** subsp. **atroluteus**

aureonitens (Müll.Hal.) A.Jaeger

C. lonchoclados Müll.Hal. (5, 6)
C. purpureo-aureus (Müll.Hal.) Paris (6)
C. symonsii Sim (5, 6)

Perennial. Bryophyte. Ht up to 70 mm. Alt 1800–3000 m. M, S, FS, KZN, WC, EC

bartramiaceus (Müll.Hal.) Thér., illegitimate name = **C. introflexus**

basalticolus (Müll.Hal.) Paris = **Sphaerothecium subchlorophyllosum**

bequaertii Thér. & Naveau = **C. savannarum**

bewsii Sim = **C. pilifer**

bicolor (Hornsch ex Müll.Hal.) Wilson subsp. **atroluteus** (Müll.Hal.) J.-P.Frahm

C. atroluteus (Müll.Hal.) Paris (6)

Perennial. Bryophyte. Ht up to 30 mm. Alt ± 15–3240 m. L, WC

bryhnii Broth. = **C. nanophyllus**

cambouei Renauld & Cardot
Perennial. Bryophyte. Ht up to 30 mm. Alt 200–1900 m. M, WC

capensis Broth. = **C. thwaitesii**

catarractilis (Müll.Hal.) Paris
C. pulvinatus (Müll.Hal.) Paris, illegitimate name (6)
Perennial. Bryophyte. Ht up to 40 mm. Alt ?–1400 m. LIM, NW, L, WC

chlorotrichus (Müll.Hal.) Paris = **C. thwaitesii**

controversus (Hampe) A. Jaeger = **C. thwaitesii**

decaryi Thér.
Perennial. Bryophyte. Ht up to 10 mm. Alt ?–1450 m. G, WC

delagoae (Müll.Hal.) Paris = **C. savannarum**

echinatus Rehmann ex Sim, illegitimate name = **C. introflexus**

edwardsii Sim = **C. flaccidus**

flaccidus Renauld & Cardot
C. ampliretis (Müll.Hal.) Paris (6)
C. edwardsii Sim (6)
C. heteroneurum Thér. (6)
C. olivaceonigricans (Müll.Hal.) Paris (6)
Thysanomitrion transvaaliense Herzog & Dixon (6)
Perennial. Bryophyte. Ht up to 70 mm. Alt 500–2450 m. LIM, NW, G, M, KZN, WC, EC

fragilis (Brid.) Bruch & Schimp.
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1700 m. LIM, M

griseolus (Müll.Hal.) Paris = **C. pilifer**

hensii Renauld & Cardot
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1200 m. KZN

heteroneurum Thér. = **C. flaccidus**

hildebrandtii (Müll.Hal.) A.Jaeger
C. nanotenax (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 40 mm. Alt? KZN, WC

inandae (Rehmann ex Müll.Hal.) Paris = **C. savannarum**

inchangae (Rehmann ex Müll.Hal.) Paris = **C. robillardei**

inerangae (Müll.Hal.) Paris, illegitimate name = **C. robillardei**

introflexus (Hedw.) Brid.
C. bartramiaceus (Müll.Hal.) Thér., illegitimate name (6)
C. echinatus Rehmann ex Sim, illegitimate name (6)
C. lepidophyllus (Müll.Hal.) A.Jaeger (1, 6)
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 20–3260 m. N, B, LIM, NW, G, M, FS, KZN, L, WC, EC

jamesonii (Hook.) A.Jaeger
C. procerus (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 100 mm. Alt 1290–2050 m. LIM, M

julaceus A.Jaeger subsp. **arbogastii** (Renauld & Cardot) J.-P.Frahm
C. simii Schelpe (6)
Perennial. Bryophyte. Ht up to 50 mm. Alt ?–1600 m. FS

lepidophyllus (Müll.Hal.) A.Jaeger = **C. introflexus**

leptotrichaceus (Müll.Hal.) Paris = **C. pyriformis**

leucobasis Paris = **C. pilifer**

lonchoclados Müll.Hal. = **C. aureonitens**

longescens (Müll.Hal.) Paris = **C. robillardei**

nanophyllus Müll.Hal. ex Broth.
C. bryhnii Broth. (6)
Perennial. Bryophyte. Ht up to 30 mm. Alt ?–1300 m. M, KZN, WC

nanotenax (Müll.Hal.) Paris = **C. hildebrandtii**

nivalis (Brid.) Brid.
Perennial. Bryophyte. Ht up to 80 mm. Alt ?–2900 m. KZN, L

olivaceonigricans (Müll.Hal.) Paris = **C. flaccidus**

pallidus Hook. & Wilson = **C. pyriformis**

perpusillus Mitt.
C. angustinervis Dixon (6)
Microcampylopus perpusillus (Mitt.) Broth. (4)
Perennial. Bryophyte. Ht 3–6 mm. Alt ?–2000 m. B, LIM, M, KZN

pilifer Brid.
C. bewsii Sim (1, 6)
C. griseolus (Müll.Hal.) Paris (1, 6)
C. leucobasis Paris (5, 6)
C. polytrichoides De Not. (1, 6)
C. purpurascens Lorentz (1, 6)
C. trichodes Lorentz (1, 6)
C. trichodes Lorentz var. *perlamellosus* Dixon (1)
C. weisiopsis (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht 5–40 mm. Alt up to 3000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

polytrichoides De Not. = **C. pilifer**

procerus (Müll.Hal.) Paris = **C. jamesonii**

pseudobicolor Müll.Hal. ex Renauld & Cardot
Perennial. Bryophyte. Ht up to 30 mm. Alt ?–3000 m. KZN, WC

pulvinatus (Müll.Hal.) Paris, illegitimate name = **C. catarractilis**

purpurascens Lorentz = **C. pilifer**

purpureo-aureus (Müll.Hal.) Paris = **C. aureonitens**

pyriformis (F.W.Schultz) Brid.
C. leptotrichaceus (Müll.Hal.) Paris (6)
C. pallidus Hook. & Wilson (6)
Perennial. Bryophyte. Ht 2–15 mm. Alt 75–2125 m. LIM, NW, G, M, FS, KZN, L, WC, EC

robillardei Besch.
C. altovirescens (Müll.Hal.) Paris (6)
C. inchangae (Rehmann ex Müll.Hal.) Paris (6)
C. inerangae (Müll.Hal.) Paris, illegitimate name (6)
C. longescens (Müll.Hal.) Paris (6)
C. serridorsus (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht 10–40 mm. Alt 20–2134 m. LIM, NW, G, M, S, KZN, WC, EC

savannarum (Müll.Hal.) Mitt.
C. bequaertii Thér. & Naveau (6)
C. delagoae (Müll.Hal.) Paris (6)
C. inandae (Rehmann ex Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 80 mm. Alt 300–2130 m. B, LIM, NW, G, M, S, KZN, WC

serridorsus (Müll.Hal.) Paris = **C. robillardei**

simii Schelpe = **C. julaceus** subsp. **arbogastii**

stenopelma (Müll.Hal.) Rehmann ex Paris = **C. thwaitesii**

subchlorophyllosus Müll.Hal. = **Sphaerothecium subchlorophyllosum**

symonsii Sim = **C. aureonitens**

tenax (Müll.Hal.) Broth. = **C. thwaitesii**

thwaitesii (Mitt.) A.Jaeger
C. capensis Broth. (6, 8, 10)

C. chlorotrichus (Müll.Hal.) Paris (6, 8, 10)
C. controversus (Hampe) A.Jaeger (10)
C. stenopelma (Müll.Hal.) Rehmann ex Paris (8, 10)
C. tenax (Müll.Hal.) Paris (6, 8, 10)
Perennial. Bryophyte, occ. epiphyte. Ht 10–25 mm. Alt 75–2420 m. LIM, NW, G, M, S, KZN, L, WC, EC

trichodes Lorentz = **C. pilifer**

trichodes Lorentz var. *perlamellosus* Dixon = **C. pilifer**

weisiopsis (Müll.Hal.) Paris = **C. pilifer**

CHORISODONTIUM (Mitt.) Broth. 9738900

falcatum Magill = **Platyneuron praealtum**

DICRANELLA (Müll.Hal.) Schimp. 9739100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 120–124.
(2) Ochyra & Newton. 1986. *Lindbergia* 11: 94–98.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.

cardotii (R.Br. bis) Dixon
Anisothecium symonsii (Dixon) Broth. (2)
D. symonsii Dixon (2)
Perennial. Bryophyte. Ht 20–40 mm. Alt 2000–2900 m. KZN, L, WC, EC

rigida Dixon
Perennial. Bryophyte. Ht 10–30 mm. Alt ± 15–700 m. WC

subsubulata (Hampe ex Müll.Hal.) A.Jaeger
Microcampylopus pusillus Müll.Hal., illegitimate name (1)
Perennial. Bryophyte. Ht 2–8 mm. Alt up to 2875 m. LIM, M, S, KZN, EC

symonsii Dixon = **D. cardotii**

DICRANOLOMA (Renauld) Renauld 9739200

(1) Magill. 1981. *FSA* Bryophyta 1,1: 130–133.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.

billardieri (Brid.) Paris
Perennial. Bryophyte. Ht 60–70 mm. Alt 50–1550 m. M, WC, EC

entabeniense Magill
Perennial. Bryophyte. Ht up to 60 mm. Alt ± 1400 m. LIM

DICRANOWEISIA Lindb. ex Milde 9739350

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 148.

antarctica (Müll.Hal.) Paris
Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN, L

HOLOMITRIUM Brid. 9739400

(1) Magill. 1981. *FSA* Bryophyta 1,1: 129, 130.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.

cylindraceum (P.Beauv.) Wijk & Margad. var. **cucullatum** (Besch.) Wijk & Margad.
Perennial. Bryophyte, epiphyte. Ht 10–20 mm. Alt 200–1500 m. LIM, KZN, WC, EC

LEPTOTRICHELLA (Müll.Hal.) Lindb. 9739450

(1) Magill. 1981. *FSA* Bryophyta 1,1: 124–126.
(2) Ochyra. 1997. *Fragmenta Floristica et Geobotanica* 42: 559–565.

minuta (Hampe) Ochyra
Microdus minutus (Hampe) Besch. (2)
Perennial. Bryophyte. Ht 2–4 mm. Alt 620–1825 m. G, S, KZN, WC

LEUCOLOMA Brid. 9739600

(1) Magill. 1981. *FSA* Bryophyta 1,1: 133–137.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
(3) La Farge. 2002. *The Bryologist* 105: 509–590.
(4) La Farge. 2002. *The Bryologist* 105: 606–624.

chrysobasilare (Müll.Hal.) A.Jaeger subsp. **africana** La Farge
Perennial. Bryophyte, epiphyte. Ht 30–60 mm. Alt 1100–2050 m. LIM, M

ecklonii (Lorentz) A.Jaeger = **L. zeyheri**

haakonii Broth. & Bryhn = **L. syrrhopodontoides**

rehmannii (Müll.Hal.) Rehmann ex Paris = **L. scabricuspis**

scabricuspis Broth.
L. rehmannii (Müll.Hal.) Rehmann ex Paris (4)
Perennial. Bryophyte, epiphyte. Ht 10–60 mm. Alt 150–2050 m. LIM, M, KZN, WC, EC ss

sprengelianum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm. Alt 50–1600 m. M, WC, EC

syrrhopodontoides Broth.
L. haakonii Broth. & Bryhn (3, 4)
Perennial. Bryophyte, occ. epiphyte. Ht up to 15 mm. Alt ± 50 m. EC

woodii Rehmann & Maclea ex Wager = **L. zuluense**

zeyheri (Müll.Hal.) A.Jaeger
L. ecklonii (Lorentz) A.Jaeger (4)
Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm. Alt 450–1520 m. M, S, WC

zuluense Broth. & Bryhn var. **zuluense**
L. woodii Rehmann & Maclea ex Wager (3, 4)
Perennial. Bryophyte, epiphyte. Ht 15–50 mm. Alt 800–1980 m. LIM, M. KZN

METZLERIA Schimp. ex Milde = ATRACTYLOCARPUS 9739650

madagascariensis (Thér.) J.-P.Frahm = **Atractylocarpus madagascariensis**

MICROCAMPYLOPUS (Müll.Hal.) M.Fleisch. 9739700

perpusillus (Mitt.) Broth. = **Campylopus perpusillus**

pusillus Müll.Hal., illegitimate name = **Dicranella subsubulata**

MICRODUS Schimp. ex Besch. 9739800

minutus (Hampe) Besch. = **Leptotrichella minuta**

OREOWEISIA (Bruch & Schimp.) De Not 9739900

(1) Magill. 1981. *FSA* Bryophyta 1,1: 127–129.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

erosa (Hampe ex Müll.Hal.) Kindb.
Perennial. Bryophyte. Ht up to 10 mm. Alt 675–2400 m. G, M, FS, KZN, L, WC

PLATYNEURON (Cardot) Broth. 9739950

(1) Bartlett & Frahm. 1983. *Journal of Bryology* 12: 365–382.
(2) Frahm. 1989. *Tropical Bryology* 1: 11–19.
(3) Ochyra & Bednarek-Ochyra. 1997. *Fragmenta Floristica et Geobotanica* 42: 567–570.

laticostatum (Cardot) Broth. = **P. praealtum**

praealtum (Mitt.) Ochyra & Bednarek-Ochyra
Chorisodontium falcatum Magill (1, 2, 3)
P. laticostatum (Cardot) Broth. (3)

Perennial. Bryophyte. Ht 30–70 mm. Alt 1375–2125 m. WC

RHABDOWEISIA Bruch & Schimp. 9759200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 527–530.
(3) Frahm *et al.* 2000. *Tropical Bryology* 18: 161–172.

crispata (Dicks. ex With.) Lindb.
Perennial. Bryophyte. Ht up to 5 mm. Alt ± 2800 m. KZN

fugax (Hedw.) Bruch & Schimp.
Perennial. Bryophyte. Ht up to 5 mm. Alt? M, KZN

SPHAEROTHECIUM Hampe 9740100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 144–146.
(2) Frahm. 1986. *The Bryologist* 89: 152–154.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

subchlorophyllosum (Müll.Hal.) J.-P.Frahm
Campylopus basalticolus (Müll.Hal.) Paris (2)
Campylopus subchlorophyllosus Müll.Hal. (2)
Perennial. Bryophyte. Ht 5–15 mm. Alt ?–2880 m. M, KZN, L, WC, EC

THYSANOMITRION Schwägr. 9740125

transvaaliense Herzog & Dixon = **Campylopus flaccidus**

DITRICHACEAE

Compiled by J. van Rooy

ASTOMIOPSIS Müll.Hal 9736600

(1) Magill. 1987. *Journal of Bryology* 14: 527–530.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.
(3) Snider *et al.* 1999. *The Bryologist* 102: 119–121.

amblyocalyx Müll.Hal.
Perennial. Bryophyte. Ht 1–1.5 mm. Alt ± 2860 m. L

magilliana Snider, K.L.Yip & J.R.Clark
Perennial. Bryophyte. Ht 2.5–5 mm. Alt ± 2000 m. KZN

CERATODON Brid. 9736700

(1) Magill. 1981. *FSA* Bryophyta 1,1: 94–96.
(2) Burley & Pritchard. 1990. *Harvard Papers in Botany* 2: 17–76.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.

purpureus (Hedw.) Brid. subsp. **stenocarpus** (Bruch & Schimp. ex Müll.Hal.) Dixon
C. stenocarpus Bruch & Schimp. ex Müll.Hal. (2)
Perennial. Bryophyte. Ht 5–20 mm. Alt 150–3000 m. LIM, G, M, KZN, L, WC, EC

stenocarpus Bruch & Schimp. ex Müll.Hal. = **C. purpureus** subsp. **stenocarpus**

CHEILOTHELA Lindb. ex Broth. 9736800

chilensis (Mont.) Broth. = **Chrysoblastella chilensis**

CHRYSOBLASTELLA R.S.Williams 9736900

(1) Buck. 1981. *Brittonia* 33: 453–456.
(2) Magill 1987. *Journal of Bryology* 14: 527–530.

chilensis (Mont.) Reimers
Cheilothela chilensis (Mont.) Broth. (1)
Perennial. Bryophyte. Ht 20–35 mm. Alt ± 914 m. WC

DISTICHIUM Bruch & Schimp. 9736900

(1) Magill. 1981. *FSA* Bryophyta 1,1: 98, 99.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.

capillaceum (Hedw.) Bruch & Schimp.
Perennial. Bryophyte. Ht 10–30 mm. Alt 2000–3270 m. KZN, L

DITRICHUM Hampe 9737000

(1) Magill. 1981. *FSA* Bryophyta 1,1: 89–93.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

brachypodum (Müll.Hal.) Broth.
Perennial. Bryophyte. Ht 2–5 mm. Alt 160–2440 m. LIM, NW, G, M, S, FS, KZN, WC, EC

difficile (Duby) M.Fleisch.
Perennial. Bryophyte. Ht 7–12 mm. Alt 50–1825 m. LIM, G, M, S, KZN, L, NC, WC, EC

punctulatum Mitt.
Perennial. Bryophyte. Ht 30–70 mm. Alt ± 1825 m. KZN, L, EC

strictum (Hook.f. & Wilson) Hampe
Perennial. Bryophyte. Ht 20–30 mm. Alt 2125–3240 m. KZN, L

ECCREMIDIUM Hook.f. & Wilson 9737100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 88, 89.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

exiguum (Hook.f. & Wilson) Wilson
Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt ± 1250–1550 m. LIM, G, KZN

PLEURIDIUM Rabenh. 9737200

(1) Magill. 1981. *FSA* Bryophyta 1,1: 83–88.
(2) Matsui & Iwatsuki. 1990. *Journal of the Hattori Botanical Laboratory* 68: 317–366.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.
(4) Arts. 1998. *Journal of Bryology* 20: 438–441.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 152.

acuminatum Lindb. = **P. subulatum**

ecklonii (Hampe ex Mitt.) Snider
Perennial. Bryophyte. Length up to 5 mm. Alt ± 400–900 m. KZN, WC

nervosum (Hook.) Mitt.
Perennial. Bryophyte. Ht 0.4–1 mm. Alt ± 800 m. FS, KZN, L, NC, WC, EC

papillosum Magill
Perennial. Bryophyte. Ht up to 0.5 mm. Alt ± 400 m. WC

pappeanum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Ht up to 3 mm. Alt? L, NC, WC, EC

subulatum (Hedw.) Rabenh.
P. acuminatum Lindb. (2)
Perennial. Bryophyte. Ht 0.5–3 mm. Alt? L, NC, WC, EC

SAELANIA Lindb. 9737300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 96–98.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

glaucescens (Hedw.) Broth.
Perennial. Bryophyte. Ht 5–10 mm. Alt 2450–3240 m. FS, KZN, L

TRISTICHIUM Müll.Hal. 9737400

(1) Magill. 1981. *FSA* Bryophyta 1,1: 99, 100.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

mirabile (Müll.Hal.) Herzog
Perennial. Bryophyte. Ht 10–15 mm. Alt 2800–3200 m. KZN, L

ENCALYPTACEAE

Compiled by J. van Rooy

ENCALYPTA Hedw. 9741600

(1) Magill. 1981. *FSA* Bryophyta 1,1: 173–176.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.

ciliata Hedw.
Perennial. Bryophyte. Ht 5–20 mm. Alt 1825–3240 m. FS, KZN, L, EC

vulgaris Hedw.
Perennial. Bryophyte. Ht 5–20 mm. Alt 1150–3200 m. L, WC, EC

ENTODONTACEAE

Compiled by J. van Rooy

ENTODON Müll.Hal. 9776500

(1) Sim. 1926. *The bryophyta of South Africa*: 410–412.
(2) Townsend. 1991. *Journal of Bryology* 16: 601–605.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

cymbifolius Wager & Dixon
Perennial. Bryophyte, epiphyte. Length 25–76 mm. Alt 1200–2100 m. LIM, G, KZN, L

dregeanus (Hornsch.) Müll.Hal. = **E. macropodus**

geminidens (Besch.) Paris
Perennial. Bryophyte, epiphyte. Length ± 20 mm. Alt? M

macropodus (Hedw.) Müll.Hal.
E. dregeanus (Hornsch.) Müll.Hal. (2)
Perennial. Bryophyte, epiphyte. Length up to 76 mm. Alt 300–3000 m. LIM, M, S, FS, KZN, L, WC, EC

natalensis Rehmann ex Müll.Hal.
Perennial. Bryophyte. Length up to 50 mm. Alt 900–2000 m. M, KZN, L

ERYTHRODONTIUM Hampe 9776600

(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

subjulaceum (Müll.Hal.) Paris
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 800 m. LIM, M, S

EPHEMERACEAE

Compiled by J. van Rooy

EPHEMERUM Hampe 9747900

(1) Magill. 1987. *FSA* Bryophyta 1,2: 305–309.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

capense Müll.Hal.
Annual. Bryophyte. Ht up to 1 mm. Alt ± 400–1600 m. L, EC

diversifolium Mitt.
Annual. Bryophyte. Ht up to 1 mm. Alt ± 10 m. EC

namaquense Magill
Annual. Bryophyte. Ht up to 1 mm. Alt 175–854 m. NC, WC

rehmannii (Müll.Hal.) Broth.
Annual. Bryophyte. Ht up to 1 mm. Alt 550–1400 m. FS, KZN, WC, EC

MICROMITRIUM Austin 9747950

(1) Blockeel *et al.* 2002. *Journal of Bryology* 24: 88–91.

perexiguum (Müll.Hal.) Crosby
Annual. Bryophyte. Ht up to 1 mm. Alt ± 1450 m. EC

ERPODIACEAE

Compiled by J. van Rooy

AULACOPILUM Wilson 9756100

(1) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 456–458.

trichophyllum Ångstr.
Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt ± 300–1600 m. LIM, NW, G, M, KZN, EC

ERPODIUM (Brid.) Brid. 9756200

(1) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 451–456.

beccarii Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 150–1500 m. N, B, LIM, G, M, S, FS, KZN

coronatum (Hook.f. & Wilson) Mitt. subsp. **transvaaliense** (Broth. & Wager) Magill
Perennial. Bryophyte, epiphyte. Length 10–20 mm. Alt ± 1000–1500 m. N, LIM, NW, G, M, KZN

distichum Wager & Dixon
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt? M

grossirete Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt ± 1000 m. N

EUSTICHIACEAE

Compiled by J. van Rooy

EUSTICHIA (Brid.) Brid. 9752700

(1) Magill. 1987. *FSA* Bryophyta 1,2: 399.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.

longirostris (Brid.) Brid.
Perennial. Bryophyte. Length up to 50 mm. Alt 1400–2450 m. FS, KZN, L

FABRONIACEAE

Compiled by J. van Rooy

DIMERODONTIUM Mitt. 9769600

(1) Sim. 1926. *The bryophyta of South Africa*: 365, 366.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 18.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

africanum Müll.Hal.
Perennial. Bryophyte, epiphyte. Length 12–25 mm. Alt ± 90–760 m. M, KZN, WC, EC

FABRONIA Raddi 9769700

(1) Sim. 1926. *The bryophyta of South Africa*: 361–364.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 18, 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

abyssinica Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 37 mm. Alt ± 2000–2100 m. G, KZN, L, WC, EC

breutelii Hampe
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt? WC

eckloniana Hampe
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt? EC

gueinzii Hampe
Perennial. Bryophyte, epiphyte. Length 25–50 mm. Alt 610–1200 m. LIM, M, KZN, WC, EC

leikipiae Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt? LIM, M, EC

perciliata Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt 914–2134 m. G, M, KZN, NC, WC

pilifera Hornsch.
Perennial. Bryophyte, epiphyte. Length 25–50 mm. Alt 15–2100 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

rehmannii Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt 30–1800 m. LIM, G, M, S, KZN, WC, EC

victoriae Dixon
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 762 m. LIM, WC

wageri Dixon
Perennial. Bryophyte, epiphyte. Length 12–50 mm. Alt ± 305 m. WC

ISCHYRODON Müll.Hal. 9770000

(1) Sim. 1926. *The bryophyta of South Africa*: 364, 365.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.

(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

lepturus (Taylor) Schelpe
Perennial. Bryophyte, epiphyte. Length 25–50 mm. Alt 15–914 m. N, NC, WC

LEVIERELLA Müll.Hal. 9776700

(1) Sim. 1926. *The bryophyta of South Africa*: 407, 408.
(2) Bizot & Pócs. 1982. *Acta Botanica Academiae Scientiarum Hungaricae* 28: 51.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

fabroniacea Müll.Hal. var. *abyssinica* Dixon = **L. perserrata**

perserrata P.de la Varde & J.-F.Leroy
L. fabroniacea Müll.Hal. var. *abyssinica* Dixon (2)
Perennial. Bryophyte. Length up to 80 mm. Alt 600–2100 m. LIM, M, S, KZN

FISSIDENTACEAE

Compiled by J. van Rooy

FISSIDENS Hedw. 9735400

(1) Pursell & Reese. 1980 [1981]. *The Bryologist* 83: 559–562.
(2) Magill. 1981. *FSA* Bryophyta 1,1: 39–68.
(3) Pursell. 1987. *Memoirs of the New York Botanical Garden* 45: 639–660.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 18, 19.
(5) Bruggeman-Nannenga. 1993. *Tropical Bryology* 8: 141–148.
(6) Bruggeman-Nannenga & Pursell. 1995 [1996]. *Lindbergia* 20: 49–55.
(7) Bruggeman-Nannenga. 1997. *Journal of the Hattori Botanical Laboratory* 81: 155–173.
(8) Blockeel *et al.* 2003. *Journal of Bryology* 25: 142.

aciphyllus Dixon
Perennial. Bryophyte. Ht 3–4 mm. Alt up to 1725 m. G, FS, KZN, EC

asplenioides Hedw.
Perennial. Bryophyte. Ht 10–15 mm. Alt ± 600–1980 m. LIM, NW, M, KZN, WC, EC

beckettii Mitt.
F. simii Schelpe (7)
Perennial. Bryophyte. Ht 3–5 mm. Alt 500–1550 m. M, KZN, EC

bogosicus Müll.Hal.
F. microandrogynus Dixon (7)
F. parvilimbatus Sim (7)
Perennial. Bryophyte. Ht 10–15 mm. Alt ± 300–3000 m. LIM, NW, M, KZN, WC, EC

borgenii Hampe
Perennial. Bryophyte, epiphyte. Ht 2–3 mm. Alt 150–1900 m. LIM, NW, M, FS, KZN, WC, EC

borgenii Hampe var. *obtusifolius* Broth. & Dixon = **F. sciophyllus** forma **sciophyllus**

breutelii Schimp. ex Müll.Hal. = **F. rufescens**

bryoides Hedw.
Perennial. Bryophyte. Ht up to 10 mm. Alt 100–2987 m. LIM, NW, G, M, FS, KZN, L, WC, EC

capensis (Müll.Hal.) Broth. = **F. palmifolius**

capriviensis Magill
Perennial. Bryophyte, epiphyte. Ht 1–2 mm. Alt ± 980 m. N

curvatus Hornsch. var. **curvatus**
F. macleanus Shaw (7)
Perennial. Bryophyte. Ht 1–3 mm. Alt up to 2440 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cymatophyllus Müll.Hal. = **F. ovatus**

enervis Sim
Perennial. Bryophyte. Ht up to 2 mm. Alt 750–1525 m. KZN

erosulus (Müll.Hal.) Paris
Perennial. Bryophyte. Ht 2–6 mm. Alt 40–1970 m. B, LIM, NW, M, S, KZN, NC

fasciculatus Hornsch.
Perennial. Bryophyte, occ. hydrophyte. Ht 10–20 mm. Alt up to 1525 m. M, KZN, WC

gladiolus Mitt.
Nanobryum dummeri Dixon (1)
Perennial. Bryophyte. Ht up to 0.5 mm. Alt up to 50 m. KZN, EC

glaucescens Hornsch. = **F. ovatus**

hoeegii P.de la Varde
Perennial. Bryophyte. Ht 3–6 mm. Alt ± 1500–1750 m. LIM, FS, KZN, L, EC

intramarginatus (Hampe) Mitt.
Perennial. Bryophyte. Ht. up to 15 mm. Alt ± 1500 m. M.

ischyrobryoides Müll.Hal. = **F. rufescens**

lanceolatus Hampe = **F. ovatus**

macleanus Shaw = **F. curvatus** var. **curvatus**

macowanianus Müll.Hal. = **F. megalotis** subsp. **megalotis**

marginatus Schimp. ex Müll.Hal. = **F. rufescens**

megalotis Schimp. ex Müll.Hal. subsp. **megalotis**
F. macowanianus Müll.Hal. (6)
Perennial. Bryophyte. Ht up to 8 mm. Alt? EC

microandrogynus Dixon = **F. bogosicus**

mucronatus Schimp. ex Müll.Hal. = **F. ovatus**

nitens Rehmann ex E.S.Salmon = **F. porrectuss**

ovatus Brid.
F. cymatophyllus Müll.Hal. (2, 7)
F. glaucescens Hornsch. (7)
F. lanceolatus Hampe (2, 7)
F. mucronatus Schimp. ex Müll.Hal. (2, 7)
F. procerior Broth. & Bryhn (2, 7)
F. rehmannii Müll.Hal. (2, 7)
F. thunbergii Brid. (7)
F. zuluensis Broth. & Bryhn (2, 7)
Perennial. Bryophyte, semi-hydrophyte. Ht 5–10 mm. Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

palmifolius (P.Beauv.) Broth.
F. capensis (Müll.Hal.) Broth. (3, 4)
Perennial. Bryophyte, hydrophyte. Length 50–100 mm. Alt 20–1900 m. NW, G, M, FS, KZN, L, NC, WC, EC

parvilimbatus Sim = **F. bogosicus**

plumosus Hornsch.
Perennial. Bryophyte. Ht 5–7 mm. Alt 50–1980 m. LIM, NW, M, KZN, WC, EC

porrectus Mitt.
F. nitens Rehmann ex E.S.Salmon (5)
Perennial. Bryophyte, occ. hydrophyte. Ht 3–4 mm. Alt ± 600 m. KZN

procerior Broth. & Bryhn = **F. ovatus**

pseudoserratus (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, epiphyte. Ht up to 2 mm. Alt 30–1600 m. NW, KZN, EC

pygmaeus Hornsch.
F. stellenboschianus Dixon (7)
Perennial. Bryophyte. Ht up to 4 mm. Alt up to 1600 m. L, NC, WC

rehmannii Müll.Hal. = **F. ovatus**

rufescens Hornsch.
F. breutelii Schimp. ex Müll.Hal. (2, 6)
F. ischyrobryoides Müll.Hal. (6)
F. marginatus Schimp. ex Müll.Hal. (6)
Perennial. Bryophyte. Ht 4–8 mm. Alt up to 2300 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

sciophyllus Mitt. forma **sciophyllus**
F. borgenii Hampe var. *obtusifolius* Broth. & Dixon (7)
F. subobtusatus Müll.Hal. (7)
Perennial. Bryophyte. Ht 2–3 mm. Alt 620–2150 m. N, LIM, NW, G, M, FS, KZN, L, NC, EC

scleromitrius (Besch.) Broth.
Perennial. Bryophyte. Ht 4–6 mm. Alt ± 900–1720 m. KZN, L

simii Schelpe = **F. beckettii**

splachnifolius Hornsch.
Perennial. Bryophyte. Ht 1–2 mm. Alt ± 50–100 m. WC

stellenboschianus Dixon = **F. pygmaeus**

submarginatus Bruch
Perennial. Bryophyte. Ht 3–5 mm. Alt 20–2000 m. LIM, G, M, S, KZN, NC, EC

subobtusatus Müll.Hal. = **F. sciophyllus** forma **sciophyllus**

thunbergii Brid. = **F. ovatus**

usambaricus Broth.
Perennial. Bryophyte. Ht 2–3 mm. Alt 150–1615 m. LIM, M, S, KZN, EC

wageri Dixon
Perennial. Bryophyte. Ht to 2 mm. Alt ± 50–1550 m. M, KZN, EC

zuluensis Broth. & Bryhn = **F. ovatus**

NANOBRYUM Dixon 9735450

dummeri Dixon = **Fissidens gladiolus**

FONTINALACEAE

Compiled by J. van Rooy

FONTINALIS Hedw. 9760200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 37.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 534–537.

antipyretica Hedw. var. **gracilis** (Lindb.) Schimp.
Perennial. Bryophyte, hydrophyte. Length up to 300 mm. Alt ± 250 m. WC

squamosa Hedw.
Perennial. Bryophyte, hydrophyte. Length up to 400 mm. Alt ± 250 m. WC

FUNARIACEAE

Compiled by J. van Rooy

CYGNICOLLUM Fife & Magill 9748400

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 314–317.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

immersum Fife & Magill
Perennial. Bryophyte. Ht up to 1 mm. Alt ± 800 m. NC

ENTOSTHODON Schwägr. 9748500

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 149.

bergianus (Hornsch.) Müll.Hal. = **Funaria bergiana**

campylopodioides Müll.Hal. = **Funaria rottleri**

dixonii Sim = **Funaria longicollis**

gracilescens Müll.Hal. = **Funaria limbata**

marginatus Müll.Hal. = **Funaria limbata**

marginatus Müll.Hal. var. *obtusatus* Sim = **Funaria limbata**

rottleri (Schwägr.) Müll.Hal. = **Funaria rottleri**

spathulatus (Schimp. ex Müll.Hal.) Sim = **Funaria spathulata**

subnudus (Taylor) Fife var. **subcuspidatus** (Broth.) Fife
Perennial. Bryophyte. Ht? Alt ± 2500 m. L

FUNARIA Hedw. 9748600

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 319–330.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 29, 30.

ampliretis (Rehmann ex Müll.Hal.) Broth. = **F. limbata**

bergiana (Hornsch.) Broth.
Entosthodon bergianus (Hornsch.) Müll.Hal. (1)
Annual, occ. perennial. Bryophyte. Ht 2–3 mm. Alt 300–3000 m. N, LIM, M, FS, KZN, NC, WC, EC

clavata (Mitt.) Magill
Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 50–1000 m. NC, WC

hygrometrica Hedw.
Annual, occ. perennial. Bryophyte. Ht 3–8 mm. Alt 20–2550 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

limbata (Müll.Hal.) Broth.
Entosthodon gracilescens Müll.Hal. (1)
Entosthodon marginatus Müll.Hal. (1)
Entosthodon marginatus Müll.Hal. var. *obtusatus* Sim (1)
F. ampliretis (Rehmann ex Müll.Hal.) Broth. (1)
F. micropyxis (Müll.Hal.) Broth. (1)
Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 200–2100 m. LIM, NW, G, M, KZN, WC, EC

longicollis Dixon
Entosthodon dixonii Sim (1)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 600–1200 m. LIM, NW, M

micropyxis (Müll.Hal.) Broth. = **F. limbata**

rhomboidea J. Shaw
F. schinzii (Geh.) Broth. (1)
Physcomitrium rivale (Geh.) Broth. (1)
Annual, occ. perennial. Bryophyte. Ht 2–3 mm. Alt 1000–1500 m. N, M, FS, EC

rottleri (Schwägr.) Broth.
Entosthodon campylopodioides Müll.Hal. (1)
Entosthodon rottleri (Schwägr.) Müll.Hal. (1)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 200–3000 m. LIM, NW, M, FS, KZN, L, NC, WC, EC

schinzii (Geh.) Broth. = **F. rhomboidea**

spathulata Schimp. ex Müll.Hal.
Entosthodon spathulatus (Schimp. ex Müll.Hal.) Sim (1)
Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 60–3000 m. KZN, L, NC, WC

succuleata (Wager & C.H.Wright) Broth. ex Magill
Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt ± 60–2000 m. M, FS, KZN, L, WC, EC

urceolata (Mitt.) Magill
Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 1350–1500 m. FS, KZN, L, WC, EC

GONIOMITRIUM Hook.f. & Wilson 9748700

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 311–313.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

africanum (Müll.Hal.) Broth.
Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 150–1550 m. N, NW, G, FS, L, NC, WC

MICROPOMA Lindb. 9748800

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 314.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.
(3) Blockeel *et al.* 2003. *Journal of Bryology* 25: 142.

niloticum (Delile) Lindb.
Perennial. Bryophyte. Ht up to 3 mm. Alt ± 50–1000 m. N, KZN

PHYSCOMITRELLOPSIS Broth. & Wager 9748900

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 317, 318.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

africana Wager & Broth. ex Dixon
Perennial. Bryophyte. Ht 1–2 mm. Alt ± 10 m. KZN, EC

PHYSCOMITRIUM (Brid.) Brid. 9749000

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 318, 319.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

rivale (Geh.) Broth. = **Funaria rhomboidea**

spathulatum Müll.Hal. var. **sessile** (J.Shaw) Magill
Perennial. Bryophyte. Ht up to 6 mm. Alt? NC, EC

spathulatum Müll.Hal. var. **spathulatum**
Perennial. Bryophyte. Ht up to 6 mm. Alt 60–1700 m. N, LIM, G, M, KZN, NC, WC, EC

GIGASPERMACEAE

Compiled by J. van Rooy

CHAMAEBRYUM Thér. & Dixon 9747200

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 301–303.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

pottioides Thér. & Dixon
Perennial. Bryophyte. Ht 2–6 mm. Alt 300–1737 m. N, KZN, L, NC, WC

GIGASPERMUM Lindb. 9747300

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 299–301.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

repens (Hook.) Lindb.
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt ± 180–1500 m. N, FS, L, NC, WC

OEDIPODIELLA Dixon 9747400

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 303.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

australis (Wager & Dixon) Dixon
Perennial. Bryophyte. Ht 2–5 mm. Alt 900–2300 m. LIM, G, KZN, L, EC

GRIMMIACEAE

Compiled by J. van Rooy

GRIMMIA Hedw. 9746400

(1) Magill. 1981. *FSA*. Bryophyta 1,1: 274–278.
(2) Kis. 1985. *Mosses of South-east tropical Africa*: 1–170.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
(4) Greven. 1996. *The Bryologist* 99: 428–432.
(5) Muñoz. 1999. *Annals of the Missouri Botanical Garden* 86: 118–191.
(6) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.
(7) Muñoz & Pando. 2000. *Monographs in Systematic Botany from the Missouri Botanical Garden* 83: 1–133.

apocarpa Hedw. = **Schistidium apocarpum**

argyrotricha Müll.Hal.
Perennial. Bryophyte. Ht up to 30 mm. Alt 600–3250 m. L, WC

campestris Burch. ex Hook. = **G. laevigata**

commutata Huebener, illegitimate name (7)

donniana Sm.
Perennial. Bryophyte. Ht up to 20 mm. Alt 2900–3240 m. KZN, L

drakensbergensis Sim = **G. pulvinata**

elongata Kaulf.
Perennial. Bryophyte. Ht up to 15 mm. Alt 3050–3240 m. KZN, L

fuscolutea Hook.
G. sanii Greven (4, 5)
Perennial. Bryophyte. Ht up to 20 mm. Alt 2750–3280 m. FS, KZN, L

laevigata (Brid.) Brid.
G. campestris Burch. ex Hook. (1, 7)
G. senilis J.Shaw (1, 7)
Perennial. Bryophyte. Ht up to 20 mm. Alt 100–2450 m. FS, KZN, L, NC, WC, EC

leptotricha Müll.Hal. = **G. pulvinata**

longirostris Hook.
Perennial. Bryophyte. Ht 5–20 mm. Alt 600–3240 m. FS, KZN, L, NC, WC, EC

nigro-viridis Hook. & Taylor ex Brid. var. *robusticula* Müll.Hal.= **Racomitrium lamprocarpum**

pulvinata (Hedw.) Sm.
G. drakensbergensis Sim (1)
G. leptotricha Müll.Hal. (1, 7)
G. pulvinata (Hedw.) Sm. var. *africana* (Hedw.) Hook. & Wilson (1, 7)
Perennial. Bryophyte. Ht 5–15 mm. Alt 100–3270 m. N, FS, KZN, L, NC, WC, EC

pulvinata (Hedw.) Sm. var. *africana* (Hedw.) Hook. & Wilson = **G. pulvinata**

reflexidens Müll.Hal.
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 3000–3200 m. KZN, L

sanii Greven = **G. fuscolutea**

senilis J.Shaw = **G. laevigata**

trichophylla Grev.
Perennial. Bryophyte. Ht up to 30 mm. Alt 650–2860 m. KZN, L, WC, EC

LEUCOPERICHAETIUM Magill 9746500

(1) Magill. 1981. *FSA*. Bryophyta 1,1: 271–274.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

eremophilum Magill
Perennial. Bryophyte. Ht 5–10 mm. Alt ± 1000 m. N

RACOMITRIUM Brid. 9746600

(1) Magill. 1981. *FSA*. Bryophyta 1,1: 278–281.
(2) Ochyra *et al.* 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 225–258.
(3) Ochyra & Hertel. 1990. *Polish Botanical Studies* 1: 19–34.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28, 29.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

crispipilum (Taylor) A.Jaeger
Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN

crispulum (Hook.f. & Wilson) Hook.f. & Wilson
Perennial. Bryophyte. Ht 20–70 mm. Alt 100–3150 m. KZN, L, NC, WC, EC

lamprocarpum (Müll.Hal.) A.Jaeger
Grimmia nigro-viridis Hook. & Taylor ex Brid. var. *robusticula* Müll.Hal. (4)
R. nigro-viride (Müll.Hal.) Paris (4)
R. pseudoaciculare (Müll.Hal.) Paris (4)
Perennial. Bryophyte. Ht 10–40 mm. Alt 550–2000 m. WC

lanuginosum (Hedw.) Brid.
Perennial. Bryophyte. Length 40–80 mm. Alt 600–1550 m. WC, EC

nigro-viride (Müll.Hal.) Paris = **R. lamprocarpum**

pseudoaciculare (Müll.Hal.) Paris = **R. lamprocarpum**

SCHISTIDIUM Bruch & Schimp. 9746700

(1) Bremer. 1980. *Lindbergia* 6: 89–117.
(2) Magill. 1981. *FSA*. Bryophyta 1,1: 274, 275.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

apocarpum (Hedw.) Bruch & Schimp.
Grimmia apocarpa Hedw. (1)
Perennial. Bryophyte. Length 10–30 mm. Alt 100–3270 m. M, FS, KZN, L, NC, WC, EC

HEDWIGIACEAE

Compiled by J. van Rooy

BRAUNIA Bruch & Schimp. 9761200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA.* Bryophyta 1,3: 545–548.

secunda (Hook.) Bruch & Schimp.
Perennial. Bryophyte, occ. epiphyte. Length 20–70 mm. Alt 450–2450 m. LIM, M, S, FS, KZN, L, WC, EC

HEDWIGIA P.Beauv. 9761300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA.* Bryophyta 1,3: 544, 545.

ciliata (Hedw.) P.Beauv.
Perennial. Bryophyte. Length up to 70 m. Alt 1250–2150 m. LIM, M, KZN, L, EC

HEDWIGIDIUM Bruch & Schimp. 9761400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA.* Bryophyta 1,3: 548, 549.

integrifolium (P.Beauv.) Dixon
Perennial. Bryophyte. Length up to 50 mm. Alt 400–3150 m. LIM, M, S, FS, KZN, L, WC, EC

RHACOCARPUS Lindb. 9761500

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37, 38.
(2) Magill & Van Rooy. 1998. *FSA.* Bryophyta 1,3: 541–544.

purpurascens (Brid.) Paris
Perennial. Bryophyte. Length up to 100 mm. Alt 50–2400 m. LIM, M, L, WC

HYPNACEAE

Compiled by J. van Rooy

CHRYSO-HYPNUM Hampe 9779500

(1) Sim. 1926. *The bryophyta of South Africa*: 418.
(2) Ochyra & Sharp. 1988. *Journal of the Hattori Botanical Laboratory* 65: 370.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 45.
(4) O'Shea. 1995. *Tropical Bryology* 10: 116.

cavifolium (Dixon) Ochyra & Sharp
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt ± 762–1900 m. LIM, M, KZN

ECTROPOTHECIUM Mitt. 9779600

(1) Sim. 1926. *The bryophyta of South Africa*: 424–426.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.
(4) O'Shea. 1995. *Tropical Bryology* 10: 120, 121.

brachycarpum (Dixon) Magill
E. brevisetum Dixon, illegitimate name (2)
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt? LIM, M, KZN, WC, EC

brevisetum Dixon, illegitimate name = **E. brachycarpum**

perrotii Renauld & Cardot
Perennial. Bryophyte. Length up to 30 mm. Alt ± 1200 m. M

regulare (Brid.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 30–2100 m. LIM, M, KZN, WC, EC

HYPNUM Hedw. 9779700

(1) Ando. 1989. *Hikobia* 10: 269–291.
(2) Ando. 1992. *Hikobia* 11: 111–123.
(3) Ando. 1995. *Fragmenta Floristica et Geobotanica* 40: 189–196.

cupressiforme Hedw. var. **cupressiforme**
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt ± 90–3240 m. LIM, M, S, FS, KZN, L, WC, EC

cupressiforme Hedw. var. **filiforme** Brid.
Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt? WC

cupressiforme Hedw. var. **lacunosum** Brid.
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt ± 1360–3240 m. LIM, S, KZN, L, WC, EC

cupressiforme Hedw. var. **mossmanianum** (Müll.Hal.) Ando
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt ± 200–1150 m. WC, EC

macrogynum Besch.
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt ± 1580–3050 m. LIM, M, L, KZN, EC

ISOPTERYGIUM Mitt. 9779800

(1) Sim. 1926. *The bryophyta of South Africa*: 426–430.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 23.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.

leucophanes (Hampe ex Müll.Hal.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Length 12–25 mm. Alt 61–1200 m. LIM, M, S, KZN, WC, EC

leucopsis (Müll.Hal.) Paris
Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt up to 1000 m. NW, M, KZN

punctulatum Broth. & Wager
Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm. Alt? NW, KZN, WC

strangulatum (Hampe ex Müll.Hal.) Broth.
Perennial. Bryophyte, hydrophyte. Length up to 75 mm. Alt ± 60–300 m. WC, EC

taxithellioides Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 600 m. KZN

taylorii Sim
Perennial. Bryophyte. Length up to 50 mm. Alt ± 1000 m. WC

MITTENOTHAMNIUM Henn. 9780000

(1) Sim. 1926. *The bryophyta of South Africa*: 418–421.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 24.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.
(4) Buck. 1993. *Tropical Bryology* 8: 214.

ctenidioides (Dixon) Schelpe
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt? EC

cygnicollum (Dixon) Wijk & Margad. = **M. reptans**

horridulum (Broth.) Cardot
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt ± 1300 m. KZN

patens (Hampe) Cardot
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 300–2400 m. LIM, M, KZN, WC, EC

pseudoreptans (Müll.Hal.) Cardot
Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm. Alt 600–1900 m. LIM, M, KZN, WC, EC

reptans (Hedw.) Cardot
M. cygnicollum (Dixon) Wijk & Margad. (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm. Alt 400–1900 m. LIM, M, KZN, WC

RHACOPILOPSIS Renauld & Cardot 9780050

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
(2) Buck. 1993. *Tropical Bryology* 8: 215, 216.
(3) Watling & O'Shea. 2000. *Journal of Bryology* 22: 207–216.

flexilis (Renauld & Cardot) W.R.Buck = **R. variegata**

transvaaliensis (Thér. & Dixon) W.R.Buck = **R. trinitensis**

trinitensis (Müll.Hal.) E.Britton & Dixon
Heterophyllium transvaaliense (Thér. & Dixon) Thér. & P.de la Varde (3)
R. transvaaliensis (Thér. & Dixon) W.R.Buck (3)
Perennial. Bryophyte, epiphyte. Length? Alt 1400–1900 m. LIM, KZN

variegata (Welw. & Duby) M.C.Watling & O'Shea
Heterophyllium flexile (Renauld & Cardot) Thér. & P.de la Varde (3)
R. flexilis (Renauld & Cardot) W.R.Buck (3)
Perennial. Bryophyte, epiphyte. Length? Alt ± 914 m. LIM, KZN

VESICULARIA (Müll.Hal.) Müll.Hal. 9780100

(1) Sim. 1926. *The bryophyta of South Africa*: 433, 434.
(2) Corley *et al.* 1981. *Journal of Bryology* 11: 642.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.

galerulata (Duby) Broth.
V. sphaerocarpa (A.Jaeger) Broth. (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 500–1200 m. N, M, S, KZN, WC, EC

sphaerocarpa (A.Jaeger) Broth. = **V. galerulata**

HYPOPTERYGIACEAE

Compiled by J. van Rooy

HYPOPTERYGIUM Brid. 9768700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 614–617.
(3) Pfeiffer *et al.* 2000. *Journal of the Hattori Botanical Laboratory* 89: 55–70.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

laricinum (Hook.) Brid. = **H. tamarisci**

tamarisci (Sw.) Brid. ex Müll.Hal.
H. laricinum (Hook.) Brid. (3)
Perennial. Bryophyte, occ. epiphyte. Length 20–40 mm. Alt 20–2150 m. LIM, M, KZN, WC, EC

LOPIDIUM Hook.f. & Wilson 9769000

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 609–612.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

pennaeforme (Thunb. ex Brid.) M.Fleisch.
Perennial. Bryophyte, occ. epiphyte. Length 10–35 mm. Alt 50–1300 m. KZN, WC, EC

LEPTODONTACEAE

Compiled by J. van Rooy

FORSSTROEMIA Lindb. 9766200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 585–588.

producta (Hornsch.) Paris
Perennial. Bryophyte, epiphyte. Length 15–40 mm. Alt 20–1900 m. LIM, M, KZN, WC, EC

LEPTODON D.Mohr 9766300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 588, 589.

smithii (Hedw.) F.Weber & D.Mohr
Perennial. Bryophyte, occ. epiphyte. Length 20–50 mm. Alt up to 2200 m. LIM, NW, G, M, FS, KZN, WC, EC

LESKEACEAE

Compiled by J. van Rooy

LEPTOPTERIGYNANDRUM Müll.Hal. 9771600

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 110.

austro-alpinum Müll.Hal.
Perennial. Bryophyte. Length? Alt ± 2800 m. KZN, L

LESKEELLA (Limpr.) Loeske 9771700

(1) Sim. 1926. *The bryophyta of South Africa*: 379.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

zuluensis Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 800 m. KZN

LINDBERGIA Kindb. 9771800

(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 379–381.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

haplocladioides Dixon
Perennial. Bryophyte, epiphyte. Length 6–12 mm. Alt 1200–2000 m. NW, M, FS, KZN, EC

patentifolia Dixon
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt ± 700–2100 m. LIM, M, S, FS, KZN, EC

pseudoleskeoides Dixon
Perennial. Bryophyte, epiphyte. Length up to 75 mm. Alt 15–2100 m. LIM, G, M, FS, KZN, L, WC

viridis Dixon
Perennial. Bryophyte, occ. epiphyte. Length 5–15 mm. Alt 300–1500 m. LIM, G, M, S, FS, KZN, EC

PSEUDOLESKEA Bruch & Schimp. 9771900

(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 416

claviramea (Müll.Hal.) A.Jaeger = **Pseudoleskeopsis claviramea**

leskeoides (Paris) Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 600–2800 m. LIM, G, M, KZN, L, EC

PSEUDOLESKEOPSIS Broth. 9772000

(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41, 42.
(3) O'Shea. 1995. *Tropical Bryology* 10: 91–198.

claviramea (Müll.Hal.) Thér.
Pseudoleskea claviramea (Müll.Hal.) A.Jaeger (1, 3)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 60–2500 m. LIM, NW, G, M, FS, KZN, L, WC, EC

pseudo-attenuata (Müll.Hal.) Thér.
Perennial. Bryophyte, occ. epiphyte. Length? Alt 150–2200 m. M, KZN, L, WC, EC

unilateralis Dixon
Perennial. Bryophyte. Length? Alt? EC

LEUCOBRYACEAE

Compiled by J. van Rooy

LEUCOBRYUM Hampe 9739500

(1) Magill. 1981. *FSA* Bryophyta 1,1: 156–159.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

acutifolium (Mitt.) Cardot
Perennial. Bryophyte, occ. epiphyte. Ht 5–10 mm. Alt 50–1970 m. LIM, M, S, KZN, WC, EC

madagassum Besch.
Perennial. Bryophyte. Ht 10–40 mm. Alt 1200–1950 m. LIM, M, S

rehmannii Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Ht 10–20 mm. Alt ± 400 m. WC, EC

LEUCODONTACEAE

Compiled by J. van Rooy

FELIPPONEA Broth. 9762550

(1) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 553–556.
(2) O'Shea. 2001. *Tropical Bryology* 20: 43–49.

assimilis (Müll.Hal.) O'Shea
Leucodon assimilis (Müll.Hal.) A.Jaeger (2)
Leucodon assimilis (Müll.Hal.) A.Jaeger var. *humilis* Sim (2)
Perennial. Bryophyte, epiphyte. Length 40–100 mm. Alt 20–2000 m. LIM, M, S, FS, KZN, WC, EC

LEUCODON Schwägr. 9762600

assimilis (Müll.Hal.) A.Jaeger = **Felipponea assimilis**

assimilis (Müll.Hal.) A.Jaeger var. *humilis* Sim = **Felipponea assimilis**

PTEROGONIUM Sw. 9762700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 556, 557.

gracile (Hedw.) Sm.
Perennial. Bryophyte, occ. epiphyte. Length 15–35 mm. Alt up to 1500 m. LIM, M, KZN, WC, EC

MEESIACEAE

Compiled by J. van Rooy

LEPTOBRYUM (Schimp.) Wilson 9750400

(1) Magill. 1987. *FSA* Bryophyta 1,2: 355–357.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 103.
(4) Arts. 2001. *Journal of Bryology* 23: 325–330.

pyriforme (Hedw.) Wilson
Perennial. Bryophyte. Ht up to 25 mm. Alt up to 2591 m. KZN, L, WC, EC

wilsonii (Mitt.) Broth.
Pohlia integra (Cardot) A.J.Shaw (4)
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1650 m. L

METEORIACEAE

Compiled by J. van Rooy

AEROBRYOPSIS M.Fleisch. 9765300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 579–581.

capensis (Müll.Hal.) M.Fleisch.
Perennial. Bryophyte, epiphyte. Length up to 200 mm. Alt 50–1800 m. LIM, M, KZN, NC, WC, EC

FLORIBUNDARIA M.Fleisch. 9765400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 583, 584.

floribunda (Dozy & Molk.) M.Fleisch.
Perennial. Bryophyte, occ. epiphyte. Length 10–40 mm. Alt 950–2150 m. LIM, M, KZN

PAPILLARIA (Müll.Hal.) Lorentz 9765500

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 582, 583.

africana (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, epiphyte. Length up to 400 mm. Alt 50–2050 m. LIM, M, S, KZN, WC, EC

PILOTRICHELLA (Müll.Hal.) Besch. 9765600

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 575–578.

pandurifolia (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Length 20–150 mm. Alt 50–1800 m. LIM, M, S, KZN, EC

SQUAMIDIUM (Müll.Hal.) Broth. 9765700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 578, 579.

biforme (Hampe) Broth. = **S. brasiliense**

brasiliense (Hornsch.) Broth.
S. biforme (Hampe) Broth. (2)
Perennial. Bryophyte, epiphyte. Length up to 200 mm. Alt 100–2120 m. LIM, NW, M, S, KZN, WC, EC

TRACHYPODOPSIS M.Fleisch. 9763700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 560–564.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

serrulata (P.Beauv.) M.Fleisch.
Perennial. Bryophyte, epiphyte. Length 20–100 mm. Alt 1050–1970 m. M

TRACHYPUS Reinw. & Hornsch. 9763800
(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 560–564.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

bicolor Reinw. & Hornsch. var. **viridulus** (Mitt.) Zanten
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 300–1640 m. M, KZN

MNIACEAE

Compiled by J. van Rooy

MIELICHHOFERIA Nees & Hornsch. 9750500
(1) Magill. 1987. *FSA* Bryophyta 1,2: . 338–341.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

bryoides (Harv.) Wijk & Margad.
Perennial. Bryophyte. Ht 2–10 mm. Alt 150–3200 m. LIM, NW, G, M, FS, KZN, L, WC, EC

subnuda Sim
Perennial. Bryophyte. Ht 2–5 mm. Alt 750–2600 m. FS, KZN, L, EC

PLAGIOMNIUM T.J.Kop. 9752200
(1) Magill. 1987. *FSA* Bryophyta 1,2: 395–397.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.

rhynchophorum (Hook.) T.J.Kop. var. **reidii** (Dixon) T.J.Kop.
Perennial. Bryophyte. Length up to 40 mm. Alt 50–3000 m. M, FS, KZN, L, WC, EC

POHLIA Hedw. 9750900
(1) Magill. 1987. *FSA* Bryophyta 1,2: 349–354.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Arts. 1995. *Journal of Bryology* 18: 791–796.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

baronii Wijk & Margad.
Perennial. Bryophyte. Ht 5–20 mm. Alt 1075–3200 m. LIM, G, M, KZN, L

cruda (Hedw.) Lindb.
Perennial. Bryophyte. Ht 5–30 mm. Alt 2425–3270 m. KZN, L

elongata Hedw.
Perennial. Bryophyte. Ht 5–20 mm. Alt 450–3240 m. LIM, NW, G, M, FS, KZN, L, WC, EC

integra (Cardot) A.J.Shaw = **Leptobryum wilsonii**

nutans (Hedw.) Lindb.
Perennial. Bryophyte. Ht 10–30 mm. Alt ± 750–1680 m. WC, EC

MYRINIACEAE

Compiled by J. van Rooy

HELICODONTIUM (Mitt.) A.Jaeger 9769800
(1) Sim. 1926. *The bryophyta of South Africa*: 366.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

lanceolatum (Hampe & Müll.Hal.) A.Jaeger
Perennial. Bryophyte, epiphyte. Length 25–75 mm. Alt 60–1200 m. M, KZN, WC, EC

NECKERACEAE

Compiled by J. van Rooy

NECKERA Hedw. 9766800
(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 590, 591.

valentiniana Besch.
Perennial. Bryophyte, epiphyte. Length 40–60 mm. Alt 20–2000 m. LIM, NW, M, KZN, WC, EC

PINNATELLA M.Fleisch. 9767300
(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Enroth. 1994. *Acta Botanica Fennica* 151: 32–37.
(3) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 592, 593.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

minuta (Mitt.) Broth.
Perennial. Bryophyte. Length 8–12 mm. Alt 1075–1375 m. KZN

POROTHAMNIUM M.Fleisch. 9767400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 593–596.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

stipitatum (Mitt.) Touw ex De Sloover
Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 50–1800 m. LIM, M, S, KZN, WC, EC

POROTRICHUM (Brid.) Hampe 9767500

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Enroth & Hodgetts. 1996. *Journal of Bryology* 19: 135–141.
(3) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 459–461.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

elongatum (Welw. & Duby) A.Gepp
Perennial. Bryophyte, epiphyte. Length 30–120 mm. Alt ± 1200–1500 m. LIM, M, KZN

madagassum Kiaer ex Besch.
Perennial. Bryophyte, epiphyte. Length 60–100 m. Alt 50–2400 m. LIM, M, S, FS, KZN, WC, EC

molliculum Broth. = **P. usagarum**

usagarum Mitt.
P. molliculum Broth. (2, 3)
Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 300–1800 m. LIM, M, KZN, EC

ORTHODONTIACEAE

Compiled by J. van Rooy

ORTHODONTIUM Schwägr. 9750700

(1) Magill. 1987. *FSA* Bryophyta 1,2: 336, 337.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 104.

lineare Schwägr.
Perennial. Bryophyte. Ht 1–5 mm. Alt 100–500 m. KZN, WC

ORTHOTRICHACEAE

Compiled by J. van Rooy

CARDOTIELLA Vitt 9758000

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 524–526.

secunda (Müll.Hal.) Vitt
Macromitrium secundum Müll.Hal. (2)
Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 20–750 m. KZN, WC, EC

MACROCOMA (Hornsch. ex Müll.Hal.) Grout 9758100

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 506–511.

lycopodioides (Schwägr.) Vitt
Perennial. Bryophyte, epiphyte. Length up to 90 mm. Alt 50–2200 m. LIM, M, S, FS, KZN, WC, EC

pulchella (Hornsch.) Vitt
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 450–600 m. WC

tenuis (Hook. & Grev.) Vitt subsp. **tenuis**
Macromitrium confusum Mitt. (2)
Perennial. Bryophyte, epiphyte. Length up to 150 mm. Alt 10–3000 m. LIM, M, S, FS, KZN, L, WC, EC

MACROMITRIUM Brid. 9758200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 511–519.

confusum Mitt. = **Macrocoma tenuis** subsp. **tenuis**

lebomboense Van Rooy
Perennial. Bryophyte, epiphyte. Length up to 80 mm. Alt 5–340 m. KZN, EC

levatum Mitt.
Perennial. Bryophyte, epiphyte. Length up to 140 mm. Alt 600–1970 m. LIM, M, KZN, EC

macropelma Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt up to 500 m. WC

richardii Schwägr.
Perennial. Bryophyte, epiphyte. Length? Alt 30–500 m. KZN, WC, EC

secundum Müll.Hal. = **Cardotiella secunda**

serpens (Bruch ex Hook. & Grev.) Brid.
Perennial. Bryophyte, epiphyte. Length up to 100 mm. Alt 100–800 m. KZN, WC, EC

ORTHOTRICHUM Hedw. 9758300

(1) Lewinsky. 1978. *Botanisk Tidsskrift* 72: 61–85.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(3) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 490–502.

armatum Lewinsky & Van Rooy
Perennial. Bryophyte, epiphyte. Ht 10–15 mm. Alt ± 1580 m. EC

diaphanum (Schrad. ex Brid.) Lindb.
O. piliferum Schimp. ex Sim, illegitimate name (2)
Perennial. Bryophyte, epiphyte. Ht up to 13 mm. Alt 10–1700 m. M, FS, KZN, L, NC, WC, EC

firmum Venturi
Perennial. Bryophyte, epiphyte. Ht 15–25 mm. Alt ± 1050–1524 m. LIM, KZN, EC

incurvomarginatum Lewinsky & Van Rooy
Perennial. Bryophyte, epiphyte. Ht 8–26 mm. Alt 600–1006 m. NC, WC

macleai Rehmann ex Sim = **O. rupestre**

mirum Lewinsky = **Stoneobryum mirum**

oreophilum Lewinsky & Van Rooy
Perennial. Bryophyte. Ht 10–28 mm. Alt 3012–3270 m. L

piliferum Schimp. ex Sim, illegitimate name = **O. diaphanum**

rupestre Schleich. ex Schwägr.
O. macleai Rehmann ex Sim (1)
Perennial. Bryophyte, occ. epiphyte. Ht 5–40 mm. Alt ± 1250–3100 m. KZN, L, WC, EC

subexsertum Schimp. ex Müll.Hal.
Perennial. Bryophyte, epiphyte. Ht 5–18 mm. Alt 50–2100 m. KZN, L, WC, EC

transvaaliense Rehmann ex Sim
Perennial. Bryophyte, epiphyte. Ht 3–13 mm. Alt ± 1700 m. LIM, FS, KZN

SCHLOTHEIMIA Brid. 9758400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 519–524.

ferruginea (Bruch ex Hook. & Grev.) Brid.
Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 50–2150 m. LIM, M, S, KZN, WC, EC

percuspidata Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 800–2050 m. LIM, M, KZN, WC

rufopallens Müll.Hal.
Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 20–2150 m. LIM, KZN, WC, EC

STONEOBRYUM D.H.Norris & H.Rob. 9758500

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 502, 503.

mirum (Lewinsky) D.H.Norris & H.Rob.
Orthotrichum mirum Lewinsky (2)
Perennial. Bryophyte, epiphyte. Ht up to 15 mm. Alt 1075–1850 m. KZN

ULOTA D.Mohr 9758600

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 504, 505.

ecklonii (Hornsch.) A.Jaeger
Perennial. Bryophyte, epiphyte. Ht up to 18 mm. Alt ± 1000 m. WC

ZYGODON Hook. & Taylor 9758700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
(2) Arts. 1998. *Journal of Bryology* 20: 429–447.
(3) Magill & Van Rooy. 1998. *FSA* Bryophyta: 477–486.

corralensis Lorentz
Perennial. Bryophyte. Ht? Alt ± 400 m. WC

dixonii Sim
Perennial. Bryophyte. Ht up to 8 mm. Alt ± 2150 m. KZN

erosus Mitt.
Perennial. Bryophyte, epiphyte. Ht up to 50 mm. Alt 700–2150 m. M, KZN

intermedius Bruch & Schimp.
Z. transvaaliensis Rehmann ex Sim (3)
Perennial. Bryophyte, epiphyte. Ht up to 25 mm. Alt 920–2860 m. LIM, M, KZN, L, EC

leptobolax Müll.Hal.
Perennial. Bryophyte, epiphyte. Ht up to 11 mm. Alt ± 900 m. WC

runcinatus Müll.Hal.
Perennial. Bryophyte. Ht up to 40 mm. Alt 450–1000 m. WC

simii Dixon = **Leptodontium viticulosoides**

transvaaliensis Rehmann ex Sim = **Z. intermedius**

trichomitrius Hook. & Wilson
Perennial. Bryophyte, epiphyte. Ht up to 40 mm. Alt 800–2050 m. LIM, M, KZN, WC, EC

PILOTRICHACEAE

Compiled by J. van Rooy

CALLICOSTELLA (Müll.Hal.) Mitt. 9768100

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 604, 605.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

tristis (Müll.Hal.) Broth.
Perennial. Bryophyte, occ. epiphyte. Length 15–30 mm. Alt ± 10–1500 m. LIM, G, M, S, KZN, WC, EC

CYCLODICTYON Mitt. 9768300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 605–608.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

vallis-gratiae (Hampe ex Müll.Hal.) Kuntze
Perennial. Bryophyte. Ht 10–30 mm. Alt 100–1550 m. LIM, NW, G, M, KZN, WC, EC

HOOKERIOPSIS (Besch.) A.Jaeger 9768600

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(2) Lin & Tan. 1995. *Harvard Papers in Botany* 7: 25–68.
(3) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 605–608.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

pappeana (Hampe) A.Jaeger = **H. utacamundiana**

utacamundiana (Mont.) Broth.
H. pappeana (Hampe) A.Jaeger (2)
Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm. Alt 50–1750 m. LIM, M, S, KZN, WC, EC

LEPIDOPILIDIUM (Müll.Hal.) Broth. 9768800

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 609–612.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

hanningtonii (Mitt.) Broth.
Perennial. Bryophyte, epiphyte. Length 20–40 mm. Alt 560–1300 m. M, S, KZN, EC

PLAGIOTHECIACEAE

Compiled by J. van Rooy

PLAGIOTHECIUM Bruch & Schimp. 9777300

(1) Sim. 1926. *The bryophyta of South Africa*: 431, 432.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

membranosulum Müll.Hal.
Perennial. Bryophyte. Length up to 75 mm. Alt 250–1900 m. M, KZN, L, WC

rhynchostegioides Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Length 50–100 mm. Alt 12–2400 m. G, KZN, WC, EC

POLYTRICHACEAE

Compiled by J. van Rooy

ATRICHUM P.Beauv. 9781100

(1) Fanshawe. 1980. A *revision of the southern African species of Polytrichaceae*: 26–29.
(2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45, 46.

androgynum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Ht up to 53 mm. Alt 150–2104 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

OLIGOTRICHUM DC. 9781200

(1) Fanshawe. 1980. A *revision of the southern African species of Polytrichaceae*: 64–77.
(2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

afrolaevigatum (Dixon) G.L.Sm.
Perennial. Bryophyte. Ht 3–7 mm. Alt 1500–2400 m. KZN, L

capense Schelpe & Fanshawe
Perennial. Bryophyte. Ht 6–10 mm. Alt 300–2800 m. KZN, WC

tetragonum Schelpe & Fanshawe
Perennial. Bryophyte. Ht 10–15 mm. Alt ± 1000 m. WC

wageri (Broth.) G.L.Sm.
Perennial. Bryophyte. Ht 3–5 mm. Alt ± 2800 m. FS, KZN

POGONATUM P.Beauv. 9781300

(1) Fanshawe. 1980. A *revision of the southern African species of Polytrichaceae*: 30–44.
(2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
(3) Hyvönen. 1989. *Acta Botanica Fennica* 138: 1–87.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

belangeri (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Ht? Alt up to 2200 m. LIM, M

borgenii (Hampe) A.Jaeger = **P. capense**

capense (Hampe) A.Jaeger
P. borgenii (Hampe) A.Jaeger (2, 3)
Polytrichum transvaaliense Müll.Hal. (1)
Perennial. Bryophyte. Ht up to 16 mm. Alt 300–2100 m. LIM, NW, G, M, S, KZN, WC, EC

oligodus (Kunze ex Müll.Hal.) Mitt. = **P. perichaetiale** subsp. **oligodus**

perichaetiale subsp. **oligodus** (Kunze ex Müll.Hal.) Hyvönen
P. oligodus (Kunze ex Müll.Hal.) Mitt. (3)
P. simense (Bruch & Schimp. ex Müll.Hal.) A.Jaeger (3)
Polytrichum natalense Sim (1, 2, 3)
Perennial. Bryophyte. Ht up to 12 mm. Alt 1200–3200 m. M, FS, KZN, L

simense (Bruch & Schimp. ex Müll.Hal.) A.Jaeger = **P. perichaetiale** subsp. **oligodus**

usambaricum (Broth.) Paris
Perennial. Bryophyte. Ht? Alt ± 900 m. LIM

POLYTRICHASTRUM G.L.Sm. 9781400

(1) Fanshawe. 1980. A *revision of the southern African species of Polytrichaceae*: 59–63.
(2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

formosum (Hedw.) G.L.Sm.
Perennial. Bryophyte. Ht up to 17 mm. Alt? WC

POLYTRICHUM Hedw. 9781500

(1) Fanshawe. 1980. A *revision of the southern African species of Polytrichaceae*: 45–58.
(2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

commune Hedw.
P. commune Hedw. var. *trichodes* (Müll.Hal.) Dixon (1)
Perennial. Bryophyte. Ht 25–237 mm. Alt 300–2800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

commune Hedw. var. *trichodes* (Müll.Hal.) Dixon = **P. commune**

juniperinum Hedw.
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1200–1700 m. FS, L, WC, EC

natalense Sim = **Pogonatum perichaetiale** subsp. **oligodus**

piliferum Hedw.
Perennial. Bryophyte. Ht up to 30 mm. Alt 457–2400 m. L, NC, WC, EC

subformosum Besch. = **P. subpilosum** P.Beauv.

subpilosum P.Beauv.
P. subformosum Besch. (2)
Perennial. Bryophyte. Ht up to 25 mm. Alt ± 800–1900 m. M, S, WC

transvaaliense Müll.Hal. = **Pogonatum capense**

POTTIACEAE

Compiled by J. van Rooy

ACAULON Müll.Hal. 9742100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 198–201.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 279, 280.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

leucochaete I.G.Stone
Annual. Bryophyte. Ht up to 0.5 mm. Alt ± 850–1150 m. NC, WC

recurvatum Magill
Annual. Bryophyte. Ht up to 0.5 mm. Alt up to 1100 m. NC, WC

robustum Broth. ex G.Roth
Annual. Bryophyte. Ht? Alt ± 1600 m. L

rufochaete Magill = **Microbryum rufochaete**

uleanum Müll.Hal.
Annual. Bryophyte. Ht? Alt ± 1600 m. L

ALOINA Kindb. 9742200

(1) Magill. 1981. *FSA* Bryophyta 1,1: 193, 194.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 280.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

bifrons (De Not.) Delgad.
Annual. Bryophyte. Ht up to 3 mm. Alt 500–1450 m. NC, WC

brevirostris (Hook. & Grev.) Kindb.
Annual. Bryophyte. Ht? Alt ± 1600 m. L

ANOECTANGIUM Schwägr. 9742300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 179–181.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 280, 281.

wilmsianum (Müll.Hal.) Paris
Perennial. Bryophyte. Ht 5–20 mm. Alt 1000–3100 m. LIM, M, FS, KZN, L, EC

BARBULA Hedw. 9742500

(1) Magill. 1981. *FSA* Bryophyta 1,1: 236–246.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 282–292.
(4) Sollman. 1993. *Tropical Bryology* 8: 175–179.
(5) Frahm *et al.* 1996. *Tropical Bryology* 12: 123–153.
(6) Arts. 1998. *Journal of Bryology* 20: 429–447.
(7) Sollman. 1998. *Tropical Bryology* 14: 21–24.

acutata Müll.Hal. = **Pseudocrossidium replicatum**

afrofontana (Müll.Hal.) Broth. = **B. bolleana**

bolleana (Müll.Hal.) Broth.
B. afrofontana (Müll.Hal.) Broth. (4, 5)
B. ehrenbergii (Lorentz) M.Fleisch. (5)
Perennial. Bryophyte. Ht up to 50 mm. Alt 3–1650 m. N, NW, G, M, S, KZN, EC

calycina Schwägr.
Perennial. Bryophyte. Ht 10–20 mm. Alt? WC

convoluta Hedw.
Perennial. Bryophyte. Ht? Alt 50–830 m. WC

circinalis Müll.Hal. = **Tortula atrovirens**

crinita Schultz = **Pseudocrossidium crinitum**

ehrenbergii (Lorentz) M.Fleisch. = **B. bolleana**

eubryum Müll.Hal.
Perennial. Bryophyte. Ht 10–15 mm. Alt ± 600–1650 m. LIM, NW, G, M, S, KZN

hornschuchiana Schultz = **Pseudocrossidium hornschuchianum**

indica (Hook.) Spreng.
B. rehmannii Müll.Hal. (4)
Semibarbula orientalis (F.Weber) Wijk & Margad. (1, 3)
Tortula rehmannii (Müll.Hal.) Sim (4)

Perennial. Bryophyte. Ht 2–8 mm. Alt up to 1700 m. LIM, G, M, S, KZN, L, WC, EC

lepto-tortella Müll.Hal. = **Trichostomum tenuirostre**

microcalycina Magill
Perennial. Bryophyte. Ht 8–20 mm. Alt 1500–3240 m. FS, KZN, L

parvula (Hook. & Grev.) Spreng. = **Tortula atrovirens**

rehmannii Müll.Hal. = **B. indica**

torquatifolia Geh. = **Pseudocrossidium porphyreoneurum**

torquescens Schimp. ex Müll.Hal. = **Pseudocrossidium crinitum**

unguiculata Hedw.
Perennial. Bryophyte. Ht? Alt 150–1800 m. WC

BRYOERYTHROPHYLLUM P.C.Chen 9742600

(1) Magill. 1981. *FSA* Bryophyta 1,1: 246–249.
(2) Zander. 1986. *The Bryologist* 89: 13–16.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 292, 293.

campylocarpum (Müll.Hal.) H.A.Crum
Didymodon afrorubellus Broth. & Wager (4)
Perennial. Bryophyte. Ht 2–15 mm. Alt 20–3200 m. LIM, NW, G, M, FS, KZN, L, WC, EC

recurvirostrum (Hedw.) P.C.Chen
Perennial. Bryophyte. Ht up to 20 mm. Alt 1850–3240 m. KZN, L, EC

CHENIA R.H.Zander 9742650

(1) Magill. 1981. *FSA* Bryophyta 1,1: 204.
(2) Zander. 1989. *Phytologia* 65: 424–436.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 293.

leptophylla (Müll.Hal.) R.H.Zander
Phascum leptophyllum Müll.Hal. (1, 4)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 40–1450 m. B, LIM, G, M, KZN, L, WC, EC

CROSSIDIUM Jur. 9742700

(1) Magill. 1981. *FSA* Bryophyta 1,1: 195–197.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24, 25.
(3) Cano *et al.* 1993. *Plant Systematics and Evolution* 188: 219–221.

apiculatum Magill = **Microcrossidium apiculatum**

spiralifolium Magill
Annual. Bryophyte. Ht up to 2 mm. Alt ± 1000 m. N, NC

DESMATODON Brid. = TORTULA 9742800

bogosicus Müll.Hal. = **Tortula bogosica**

convolutus (Brid.) Grout = **Tortula atrovirens**

longipedunculatus (Müll.Hal.) Magill = **Hennediella longipedunculata**

DIDYMODON Hedw. 9742900

(1) Zander. 1978. *Phytologia* 41: 21.
(2) Magill. 1981. *FSA* Bryophyta 1,1: 233–236.
(3) Guerra & Ros. 1987. *Cryptogamie, Bryology* 8: 47–68.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25.
(5) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 295–300.

afrorubellus Broth. & Wager = **Bryoerythrophyllum campylocarpum**

australasii (Hook. & Grev.) R.H.Zander
Trichostomopsis australasiae (Hook. & Grev.) H.Rob. (1, 5)
Perennial. Bryophyte. Ht up to 10 mm. Alt 100–2025 m. N, M, FS, KZN, L, NC, WC

capensis Spreng. = **Tortula atrovirens**

ceratodonteus (Müll.Hal.) Dixon
Perennial. Bryophyte. Ht 10–50 mm. Alt 300–3000 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

jackvancei R.H.Zander
Husnotiella plicata Magill (5)
Perennial. Bryophyte. Ht 3–4 mm. Alt ± 2400 m. L

tophaceopsis R.H.Zander
Gyroweisia amplexicaulis Sim (2, 5)
Husnotiella latifolia (Dixon) R.H.Zander & Magill (5)
Perennial. Bryophyte. Ht 3–4 mm. Alt ± 1500 m. N, FS, KZN, NC

trivialis (Müll.Hal.) J.Guerra
Trichostomopsis trivialis (Müll.Hal.) H.Rob. (3, 5)
Perennial. Bryophyte. Ht up to 10 mm. Alt ± 1300 m. FS, KZN, L, NC, EC

xanthocarpus (Müll.Hal.) Magill
Perennial. Bryophyte. Ht 10–20 mm. Alt 5–2150 m. G, KZN, L, NC, WC, EC

GYMNOSTOMUM Nees & Hornsch. 9743100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 183–186.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 301, 302.

aeruginosum Sm.
Perennial. Bryophyte. Ht up to 3 mm. Alt 1500–2450 m. M, FS, KZN, L, NC, WC, EC

bewsii Sim
Perennial. Bryophyte. Ht 5–20 mm. Alt 1500–3240 m. M, FS, KZN, L, EC

lingulatum Rehmann ex Sim
Perennial. Bryophyte. Ht 20–30 mm. Alt ± 1400 m. LIM

GYROWEISIA Schimp. 9743200

amplexicaulis Sim = **Didymodon tophaceopsis**

HENNEDIELLA Paris 9743250

(1) Magill. 1981. *FSA* Bryophyta 1,1: 210–212.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 303.

longipedunculata (Müll.Hal.) R.H.Zander
Desmatodon longipedunculatus (Müll.Hal.) Magill (2)
Tortula deserta (Müll.Hal.) Broth. (1, 2)
Perennial. Bryophyte. Ht 2–4 mm. Alt 250–1500 m. N, WC

HUSNOTIELLA Cardot 9743300

latifolia (Dixon) R.H.Zander & Magill = **Didymodon tophaceopsis**

plicata Magill = **Didymodon jackvancei**

HYMENOSTYLIUM Brid. 9743500

(1) Magill. 1981. *FSA* Bryophyta 1,1: 182, 183.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25, 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 306, 307.

recurvirostre (Hedw.) Dixon
Perennial. Bryophyte. Ht 10–20 mm. Alt 500–3350 m. M, FS, KZN, L, NC, EC

HYOPHILA Brid. 9743600

(1) Magill. 1981. *FSA* Bryophyta 1,1: 228–230.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 307–309.

baginsensis Müll.Hal.
Perennial. Bryophyte. Ht up to 6 mm. Alt 300–1554 m. N, LIM, NW, M, KZN

involuta (Hook.) A.Jaeger
Perennial. Bryophyte. Ht 5–15 mm. Alt 600–2200 m. LIM, NW, M, S, KZN, L

HYPODONTIUM Müll.Hal. 9740900

(1) Magill. 1981. *FSA* Bryophyta 1,1: 170–172.
(2) Reese & Zander. 1988. *The Bryologist* 91: 18–20.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 309.

dregei (Hornsch.) Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm. Alt ± 150–1350 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

pomiforme (Hook.) Müll.Hal.
Perennial. Bryophyte, occ. epiphyte. Ht 20–50 mm. Alt ± 1700 m. LIM, M, KZN, WC, EC

LEPTODONTIUM (Müll.Hal.) Hampe ex Lindb. 9743700

(1) Magill. 1981. *FSA* Bryophyta 1,1: 228–230.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 309–312.
(4) Sollman. 1993. *Tropical Bryology* 8: 175–179.
(5) Sollman. 1998. *Tropical Bryology* 14: 21–24.
(6) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

brachyphyllum Broth. & Thér.
Perennial. Bryophyte. Ht 20–80 mm. Alt 1400–3100 m. M, S, KZN, L, WC

flexifolium (Dicks.) Hampe
Perennial. Bryophyte. Ht? Alt 3100–3300 m. L

longicaule Mitt.
Perennial. Bryophyte. Ht 10–80 mm. Alt 1000–2000 m. LIM, M, S, KZN

proliferum Herzog
Perennial. Bryophyte. Ht? Alt 2600–3050 m. L

viticulosoides (P.Beauv.) Wijk & Margad.
Zygodon simii Dixon (1)
Perennial. Bryophyte, occ. epiphyte. Ht 20–80 m. Alt 1200–1970 m. LIM, M, KZN

MICROBRYUM Schimp. 9743730

(1) Magill. 1981. *FSA* Bryophyta 1,1: 177–268.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 313.

davallianum (Sm.) R.H.Zander var. **conicum** (Schleich. ex Schwägr.) R.H.Zander
Pottia macowaniana Müll.Hal. (2)
Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt ± 150–1000 m. NC, WC, EC

rufochaete (Magill) R.H.Zander
Acaulon rufochaete Magill (2)
Annual. Bryophyte. Ht up to 1 mm. Alt ± 150 m. NC, WC

subplanomarginatum (Dixon) R.H.Zander
Pottia subplanomarginata Dixon (2)
Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt ± 1000–1500 m. N, L, WC, EC

MICROCROSSIDIUM J.Guerra & Cano 9743750

(1) Magill. 1981. *FSA* Bryophyta 1,1: 195–197.
(2) Cano *et al.* 1993. *Plant Systematics and Evolution* 188: 233.

apiculatum (Magill) J.Guerra & Cano
Crossidium apiculatum Magill (2)
Annual. Bryophyte. Ht up to 1 mm. Alt ± 150 m. WC

MOLENDOA Lindb. 9743760

(1) Sollman. 1998. *Tropical Bryology* 14: 21–24.

sendtneriana (Bruch & Schimp.) Limpr.
Perennial. Bryophyte. Ht? Alt ± 2600 m. L

OXYSTEGUS (Limpr.) Hilp. = TRICHOSTOMUM 9743800

cylindricus (Bruch ex Brid.) Hilp. = **Trichostomum tenuirostre**

tenuirostris (Hook. & Taylor) A.J.E.Sm. = **Trichostomum tenuirostre**

PHASCONICA Müll.Hal. = WEISSIA 9743900

tisserantii P.de la Varde = **Trichostomum unguiculatum**

PHASCUM Hedw. 9744000

(1) Magill. 1981. *FSA* Bryophyta 1,1: 202–204.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 315–317.

leptophyllum Müll.Hal. = **Chenia leptophylla**

peraristatum Müll.Hal.
Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt ± 600–1150 m. NC, WC, EC

PLAUBELIA Brid. 9744050

(1) Magill. 1981. *FSA* Bryophyta 1,1: 225.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 317.

involuta (Magill) R.H.Zander
Weisiopsis involuta Magill (2)
Perennial. Bryophyte. Ht up to 3.5 mm. Alt ± 1000 m. N, B

POTTIA Ehrh. ex Fürnr. 9744100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 204–209.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.

(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 317–320.

macowaniana Müll.Hal. = **Microbryum davallianum** var. **conicum**

namaquensis Magill
Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 540–850 m. NC

splachnoides (Hornsch.) Broth. = **Tortula splachnoides**

subplanomarginata Dixon = **Microbryum subplanomarginatum**

PSEUDOCROSSIDIUM R.S.Williams 9744200

(1) Zander. 1979. *Phytologia* 44: 177–214.
(2) Magill. 1981. *FSA* Bryophyta 1,1: 177–268.
(3) Frey & Kürschner. 1988. *Cryptogamie, Bryologie* 9: 95–102.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 320, 321.

crinitum (Schultz) R.H.Zander
Barbula crinita Schultz (4)
Barbula torquescens Schimp. ex Müll.Hal. (2, 4)
Tortula pilifera Hook. (2, 4)
Tortula pilifera Hook. var. *longifolia* Sim (2, 4)
Perennial. Bryophyte. Ht up to 35 mm. Alt 5–2850 m. N, LIM, G, M, FS, KZN, L, NC, WC, EC

hornschuchianum (Schultz) R.H.Zander
Barbula hornschuchiana Schultz (1, 4)
Perennial. Bryophyte. Ht 2–6 mm. Alt ± 150–600 m. NC, WC

porphyreoneurum (Müll.Hal.) R.H.Zander
Barbula torquatifolia Geh. (2, 4)
Tortula porphyreoneura (Müll.Hal.) C.C.Towns. (4)
Perennial. Bryophyte. Ht 5–10 mm. Alt ± 300–1500 m. N, B, LIM, G, M, NC, WC

replicatum (Taylor) R.H.Zander
Barbula acutata Müll.Hal. (3)
Perennial. Bryophyte. Ht 8–15 mm. Alt 850–2250 m. N, B, LIM, M, FS, KZN, L, NC

PSEUDOSYMBLEPHARIS Broth. 9744250

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 153.

angustata (Mitt.) Hilp.
Perennial. Bryophyte. Ht? Alt 1500–2300 m. KZN, L

PTERYGONEURUM Jur. 9744300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 197, 198.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 321.

macleanum Warnst.
Perennial. Bryophyte. Ht up to 5 mm. Alt ± 1100 m. NC, WC, EC

SEMIBARBULA Herzog ex Hilp. 9744400

orientalis (F.Weber) Wijk & Margad. = **Barbula indica**

SPLACHNOBRYUM Müll.Hal. 9744425

(1) Arts. 1996. *Journal of Bryology* 19: 65–77.
(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 102.

obtusum (Brid.) Müll.Hal.
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 950–1100 m. B

STREPTOCALYPTA Müll.Hal. 9744450

(1) Magill. 1981. *FSA* Bryophyta 1,1: 225.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 323.

pulchriretis (Dixon) R.H.Zander
Weisiopsis pulchriretis Dixon (2)
Perennial. Bryophyte. Ht 2–4 mm. Alt ± 2000 m. KZN

STREPTOPOGON (Taylor) Wilson ex Mitt. 9744460

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

erythrodontus (Taylor) Wilson var. **rutenbergii** (Müll.Hal.) E.S.Salmon
Perennial. Bryophyte, epiphyte. Ht? Alt 1500–2000 m. KZN, L

SYNTRICHIA Brid. 9744500

(1) Kramer. 1980. *Bryophytorum Bibliotheca* 21: 1–165.
(2) Magill. 1981. *FSA* Bryophyta 1,1: 212–221.
(3) Magill *et al.* 1983. *Annals of the Missouri Botanical Garden* 70: 200–202.
(4) Kramer. 1988. *Journal of the Hattori Botanical Laboratory* 65: 81–144.
(5) Ochyra. 1992. *Fragmenta Floristica et Geobotanica* 37: 211–214.
(6) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 323–326.
(7) Anderson. 1997. *Journal of the Hattori Botanical Laboratory* 82: 15–18.

ammonsiana (H.A.Crum & L.E.Anderson) Ochyra
Tortula ammonsiana H.A.Crum & L.E.Anderson (5, 6)
Perennial. Bryophyte, occ. epiphyte. Ht 10–15 mm. Alt 100–2850 m. N, G, M, S, FS, KZN, L, NC, WC, EC

antarctica (Hampe) R.H. Zander
Tortula antarctica (Hampe) Wilson (6)
Perennial. Bryophyte. Ht? Alt 10–2140 m. G, L, WC

austro-africana (W.A.Kramer) R.H.Zander
Tortula austro-africana W.A.Kramer (6)
Perennial. Bryophyte. Ht up to 20 mm. Alt ± 2400 m. L, EC

chisosa (Magill, Delgad. & L.R.Stark) R.H.Zander
Tortula chisosa Magill, Delgad. & L.R.Stark (6)
Perennial. Bryophyte. Ht up to 6 mm. Alt ± 950–1150 m. N, LIM, M, L, NC, WC

fragilis (Taylor) Ochyra
Tortula brachyaichme (Müll.Hal.) Broth. (2, 6)
Tortula brevimucronata (Müll.Hal.) Broth. (2, 6)
Tortula brevitubulosa Broth. (2, 6)
Tortula erubescens (Müll.Hal.) Broth., illegitimate name (2, 6)
Tortula exesa (Müll.Hal.) Broth. (2, 6)
Tortula fragilis Taylor (5)
Tortula hildebrandtii (Müll.Hal.) Broth. (2, 6)
Tortula irregularis Sim (2, 6)
Tortula macowaniana (Müll.Hal.) Broth. (2, 6)
Tortula oranica (Müll.Hal.) Broth. (2, 6)
Tortula schmidii (Müll.Hal.) Broth. (1, 6)
Perennial. Bryophyte, epiphyte. Ht 10–15 mm. Alt 25–2900 m. N, LIM, M, S, FS, KZN, L, NC, WC, EC

leucostega (Müll.Hal.) R.H.Zander var. **leucostega**
Tortula afroruralis (Müll.Hal.) Broth. (4, 6)
Tortula leucostega (Müll.Hal.) Broth. var. *leucostega* (6)
Perennial. Bryophyte. Ht? Alt 250–2600 m. M, FS, L, NC, WC

leucostega (Müll.Hal.) R.H.Zander var. **trachyneura** (Dixon) R.H.Zander

Tortula leucostega (Müll.Hal.) Broth. var. *trachyneura* (Dixon) W.A.Kramer (6)
Perennial. Bryophyte. Ht? Alt 50–1700 m. M, FS, NC, WC, EC

magilliana L.E.Anderson
Perennial. Bryophyte. Ht 5–7 mm. Alt ± 600 m. NC

norvegica F.Weber var. **norvegica**
Tortula norvegica (F.Weber) Lindb. var. *norvegica* (6)
Perennial. Bryophyte. Ht? Alt 2550–2900 m. FS, KZN, L

pagorum (Milde) J.J.Amann
Tortula pagorum (Milde) De Not. (6)
Perennial. Bryophyte, epiphyte. Ht 2–4 mm. Alt 10–2450 m. LIM, NW, G, M, S, KZN, L, NC, WC, EC

papillosa (Wilson) Jur.
Tortula papillosa Wilson (6)
Tortula reticularia (Müll.Hal.) Broth. (2, 6)
Perennial. Bryophyte, epiphyte. Ht 2–8 mm. Alt 300–2100 m. N, FS, KZN, L, WC, EC

princeps (De Not.) Mitt.
Tortula muelleri Hook.f. & Wilson, illegitimate name (2, 6)
Tortula princeps De Not. (6)
Perennial. Bryophyte. Ht 10–30 mm. Alt ± 1650–2900 m. KZN, NC, WC, EC

rubella (Hook. & Wilson) R.H.Zander
Tortula rubella Hook. & Wilson (6)
Perennial. Bryophyte, occ. epiphyte. Ht? Alt ± 15 m. WC

ruralis (Hedw.) F.Weber & D.Mohr
Tortula ruralis (Hedw.) P.Gaertn., B.Mey. & Scherb. (6)
Tortula trachyneura Dixon (2, 6)
Perennial. Bryophyte. Ht 5–15 mm. Alt ± 150–3100 m. M, FS, KZN, L, NC, WC, EC

TETRAPTERUM Hampe ex A.Jaeger 9744600

(1) Magill. 1981. *FSA* Bryophyta 1,1: 250, 251.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326.

tetragonum (Hook.) A.L.Andrews
Perennial. Bryophyte. Ht 2–4 mm. Alt ± 150–1250 m. WC

TIMMIELLA (De Not.) Limpr. 9744700

(1) Magill. 1981. *FSA* Bryophyta 1,1: 253, 254.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326.

pelindaba Magill
Perennial. Bryophyte. Ht up to 5 mm. Alt ± 1500–1650 m. NW, M, FS, L, EC

TORTELLA (Lindb.) Limpr. 9744800

(1) Magill. 1981. *FSA* Bryophyta 1,1: 255–259.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326–328.

fragilis (Hook. & Wilson) Limpr.
Perennial. Bryophyte. Ht 30–40 mm. Alt 2350–3270 m. KZN, L, EC

humilis (Hedw.) Jenn.
Perennial. Bryophyte, occ. epiphyte. Ht up to 20 mm. Alt up to 3000 m. LIM, NW, G, M, S, KZN, L, WC, EC

xanthocarpa (Schimp ex Müll.Hal.) Broth.
Perennial. Bryophyte, occ. epiphyte. Ht 1–5 mm. Alt up to 3260 m. N, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TORTULA Hedw. 9744900

(1) Kramer. 1980. *Bryophytorum Bibliotheca* 21: 1–165.
(2) Corley *et al.* 1981. *Journal of Bryology* 11: 619, 620.
(3) Magill. 1981. *FSA* Bryophyta 1,1: 212–221.
(4) Magill *et al.* 1983. *Annals of the Missouri Botanical Garden* 70: 200–202.
(5) Kramer. 1988. *Journal of the Hattori Botanical Laboratory* 65: 81–144.
(6) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26, 27.
(7) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 328–339.

afroruralis (Müll.Hal.) Broth. = **Syntrichia leucostega** var. **leucostega**

ammonsiana H.A.Crum & L.E.Anderson = **Syntrichia ammonsiana**

antarctica (Hampe) Wilson = **Syntrichia antarctica**

atrovirens (Sm.) Lindb.
Barbula circinalis Müll.Hal. (2, 3)
Barbula parvula (Hook. & Grev.) Spreng. (2, 3)
Desmatodon convolutus (Brid.) Grout (2, 7)
Didymodon capensis Spreng. (3, 7)
T. recurvata Hook. (3, 7)
T. subtorquatifolia Dixon (3, 7)
Perennial. Bryophyte. Ht 2–5 mm. Alt up to 2450 m. N, M, FS, KZN, L, NC, WC, EC

austro-africana W.A.Kramer = **Syntrichia austro-africana**

bogosica (Müll.Hal.) R.H.Zander
Desmatodon bogosicus Müll.Hal. (7)
Perennial. Bryophyte. Ht? Alt ± 1500 m. G

brachyaichme (Müll.Hal.) Broth. = **Syntrichia fragilis**

brevimucronata (Müll.Hal.) Broth. = **Syntrichia fragilis**

brevitubulosa Broth. = **Syntrichia fragilis**

chisosa Magill, Delgad. & L.R.Stark = **Syntrichia chisosa**

deserta (Müll.Hal.) Broth. = **Hennediella longipeduculata**

erubescens (Müll.Hal.) Broth., illegitimate name = **Syntrichia fragilis**

exesa (Müll.Hal.) Broth. = **Syntrichia fragilis**

fragilis Taylor = **Syntrichia fragilis**

hildebrandtii (Müll.Hal.) Broth. = **Syntrichia fragilis**

irregularis Sim = **Syntrichia fragilis**

leucostega (Müll.Hal.) Broth. var. *leucostega* = **Syntrichia leucostega** var. **leucostega**

leucostega (Müll.Hal.) Broth. var. *trachyneura* (Dixon) W.A.Kramer = **Syntrichia leucostega** var. **trachyneura**

macowaniana (Müll.Hal.) Broth. = **Syntrichia fragilis**

muelleri Hook.f. & Wilson, illegitimate name = **Syntrichia princeps**

muralis Hedw.
Perennial. Bryophyte. Ht 4–12 mm. Alt up to 1000 m. N, KZN, NC, WC, EC

norvegica (F.Weber) Lindb. = **Syntrichia norvegica** var. **norvegica**

oranica (Müll.Hal.) Broth. = **Syntrichia fragilis**

pagorum (Milde) De Not. = **Syntrichia pagorum**

papillosa Wilson = **Syntrichia papillosa**

pilifera Hook. = **Pseudocrossidium crinitum**

pilifera Hook. var. *longifolia* Sim = **Pseudocrossidium crinitum**

porphyreoneura (Müll.Hal.) C.C.Towns. = **Pseudocrossidium porphyreoneurum**

princeps De Not. = **Syntrichia princeps**

recurvata Hook. = **T. atrovirens**

rehmannii (Müll.Hal.) Sim = **Barbula indica**

reticularia (Müll.Hal.) Broth. = **Syntrichia papillosa**

rubella Hook. & Wilson = **Syntrichia rubella**

ruralis (Hedw.) P.Gaertn., B.Mey. & Scherb. = **Syntrichia ruralis**

schmidii (Müll.Hal.) Broth. = **Syntrichia fragilis**

splachnoides (Hornsch.) R.H.Zander
Pottia splachnoides (Hornsch.) Broth. (7)
Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt ± 1200 m. NC, WC

subtorquatifolia Dixon = **T. atrovirens**

trachyneura Dixon = **Syntrichia ruralis**

TRICHOSTOMOPSIS Cardot 9745000

australasiae (Hook. & Grev.) H.Rob. = **Didymodon australasii**

trivialis (Müll.Hal.) H.Rob. = **Didymodon trivialis**

TRICHOSTOMUM Bruch 9745100

(1) Magill. 1981. *FSA* Bryophyta 1,1: 260–262.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 339–343.

brachydontium Bruch
Perennial. Bryophyte. Ht 4–26 mm. Alt up to 2860 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC. EC

tenuirostre (Hook. & Taylor) Lindb.
Barbula lepto-tortella Müll.Hal. (1, 3)
Oxystegus cylindricus (Bruch ex Brid.) Hilp. (3)
Oxystegus tenuirostris (Hook. & Taylor) A.J.E.Sm. (3)
Perennial. Bryophyte, occ. epiphyte. Ht 5–10 mm. Alt 300–2900 m. M, FS, KZN, L, WC, EC

unguiculatum (Mitt.) R.H.Zander
Phasconica tisserantii P.de la Varde (3)
Perennial. Bryophyte. Ht up to 1 mm. Alt ± 150–1800 m. WC, EC

TRIQUETRELLA Müll.Hal. 9745200

(1) Magill. 1981. *FSA* Bryophyta 1,1: 253, 254.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 343, 344.

tristicha (Müll.Hal.) Müll.Hal.
Perennial. Bryophyte. Length up to 25 mm. Alt 40–1850 m. M, FS, L, NC, WC, EC

WEISIOPSIS Broth. 9745300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 224–227.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 344.

involuta Magill = **Plaubelia involuta**

plicata (Mitt.) Broth.
Perennial. Bryophyte. Ht 3–4 mm. Alt ± 900–1350 m. LIM, M

pulchriretis Dixon = **Streptocalypta pulchriretis**

WEISSIA Hedw. 9745400

(1) Magill. 1981. *FSA* Bryophyta 1,1: 262–268.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27, 28.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 344–347.

controversa Hedw.
Perennial. Bryophyte. Ht 2–4 mm. Alt up to 2150 m. LIM, G, M, FS, KZN, L, WC, EC

cucullata Müll.Hal.
Perennial. Bryophyte. Ht 2–4 mm. Alt ± 300 m. WC

dieterlenii Thér.
Perennial. Bryophyte. Ht 2–4 mm. Alt 1350–2400 m. FS, L, EC

humicola Müll.Hal.
Perennial. Bryophyte. Ht 2–5 mm. Alt ± 1200–1600 m. L, EC

latiuscula Müll.Hal.
Perennial. Bryophyte. Ht 2–4 mm. Alt 1200–2200 m. N, LIM, NW, G, M, KZN, L, NC, EC

PRIONODONTACEAE

Compiled by J. van Rooy

PRIONODON Müll.Hal. 9763200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 558, 559.

densus (Sw. ex Hedw.) Müll.Hal.
Perennial. Bryophyte, epiphyte. Length 40–130 mm. Alt 900–1800 m. LIM, M, KZN, EC

PTERIGYNANDRACEAE

Compiled by J. van Rooy

TRACHYPHYLLUM A.Gepp 9776800

(1) Buck. 1979. *Brittonia* 31: 379–394.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 110.

gastrodes (Welw. & Duby) A.Gepp
T. maximum Dixon (1)
Perennial. Bryophyte, epiphyte. Length up to 100 mm. Alt 700–1300 m. LIM, G, M, S, KZN

maximum Dixon = **T. gastrodes**

PTEROBRYACEAE

Compiled by J. van Rooy

CALYPTOTHECIUM Mitt. 9764300

acutifolium (Brid.) Broth. = **Pterobryopsis acutifolium**
hoehnelii (Müll.Hal.) Argent = **Pterobryopsis hoehnelii**
subacutifolium Broth. = **Pterobryopsis acutifolium**

JAEGERINA Müll.Hal. 9764400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 565, 566.

stolonifera (Müll.Hal.) Müll.Hal.
Perennial. Bryophyte, epiphyte. Length 20–50 mm. Alt? EC

ORTHOSTICHOPSIS Broth. 9764600

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 571–574.

pinnatella (Broth.) Broth.
Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt ± 560 m. KZN

subimbricata (Hampe) Broth.
Perennial. Bryophyte, epiphyte. Length up to 150 mm. Alt 350–1700 m. LIM, M, EC

PTEROBRYOPSIS M.Fleisch. 9764700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 558, 559.

acutifolium (Brid.) Magill
Calyptothecium acutifolium (Brid.) Broth. (2)
Calyptothecium subacutifolium Broth. (2)
Perennial. Bryophyte, epiphyte. Length 20–70 mm. Alt 550–1600 m. M, KZN, EC

hoehnelii (Müll.Hal.) Magill
Calyptothecium hoehnelii (Müll.Hal.) Argent (2)
Perennial. Bryophyte, epiphyte. Length 30–100 mm. Alt 75–2150 m. M, KZN, WC, EC

rehmannii Magill
Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt? KZN

PTYCHOMITRIACEAE

Compiled by J. van Rooy

PTYCHOMITRIOPSIS Dixon 9757300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 462–465.

africana Dixon
Perennial. Bryophyte. Ht 3–5 mm. Alt ± 1000 m. LIM, KZN

aloinoides Magill
Perennial. Bryophyte. Ht 2–4 mm. Alt ± 900–1500 m. N, FS, NC

PTYCHOMITRIUM Fürnr. 9757400

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 465–475.
(3) Guo & Cao. 2000. *Journal of Bryology* 22: 63–65.
(4) Cao *et al.* 2001 [2002]. *The Bryologist* 104: 522–526.

crassinervium (Müll.Hal.) Schimp. ex Paris
Perennial. Bryophyte. Ht 5–15 mm. Alt ± 175–600 m. NC, WC

crispatum (Hedw.) A.Jaeger
Perennial. Bryophyte. Ht 10–20 mm. Alt up to 2150 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cucullatifolium (Müll.Hal.) A.Jaeger
P. obtusatum (Müll.Hal.) Paris (2)
Perennial. Bryophyte. Ht 5–20 mm. Alt 500–2860 m. M, FS, KZN, L, NC, WC, EC

depressum (Müll.Hal.) Paris = **P. sellowianum**

diexaratum Magill
Perennial. Bryophyte. Ht 5–20 mm. Alt 2000–3150 m. KZN, L

eurybasis Dixon = **P. muelleri**

exaratifolium H.Rob.
Perennial. Bryophyte. Ht 5–10 mm. Alt ± 540–700 m. M, S, KZN

marginatum (Wager ex Dixon) Dixon = **P. subcrispatum**

muelleri (Mitt.) A.Jaeger
P. eurybasis Dixon (4)
Perennial. Bryophyte. Ht 8–12 mm. Alt 762–2600 m. LIM, M, S, KZN, EC

obtusatum (Müll.Hal.) Paris = **P. cucullatifolium**

sellowianum (Müll.Hal.) A.Jaeger
P. depressum (Müll.Hal.) Paris (3)
Perennial. Bryophyte. Ht 5–25 mm. Alt 300–1700 m. M, S, FS, KZN, WC, EC

subcrispatum Thér. & P.de la Varde
P. marginatum (Wager ex Dixon) Dixon (2)
Perennial. Bryophyte, occ. epiphyte. Ht 10–40 mm. Alt 100–3050 m. LIM, G, M, S, FS, KZN, L, WC, EC

RACOPILACEAE

Compiled by J. van Rooy

RACOPILUM P.Beauv. 9759700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 531–533.

capense Müll.Hal. ex Broth.
Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt ± 10–2150 m. LIM, NW, G, M, S, FS, KZN, WC, EC

RHACHITHECIACEAE

Compiled by J. van Rooy

RHACHITHECIUM Broth. ex Le Jolis 9756700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 459–461.

perpusillum (Thwaites & Mitt.) Broth.
Perennial. Bryophyte, epiphyte. Ht up to 4 mm. Alt ± 1200–1600 m. LIM, M

RHIZOGONIACEAE

Compiled by J. van Rooy

LEPTOTHECA Schwägr. 9753180

(1) Magill. 1987. *FSA* Bryophyta 1,2: 405, 406.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

gaudichaudii Schwägr.
Perennial. Bryophyte. Ht 10–30 mm. Alt 75–1675 m WC

PYRRHOBRYUM Mitt. 9753200

(1) Magill. 1987. *FSA* Bryophyta 1,2: 401–404.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.

spiniforme (Hedw.) Mitt.
Perennial. Bryophyte, occ. epiphyte. Ht 10–50 mm. Alt 50–1560 m. LIM, M, KZN, WC, EC

vallis-gratiae (Hampe ex Müll.Hal.) Manuel
Perennial. Bryophyte, occ. epiphyte. Ht 6–30 mm. Alt 50–950 m. WC

RIGODIACEAE

Compiled by J. van Rooy

RIGODIUM Kunze ex Schwägr. 9773500

(1) Touw. 1976. *Lindbergia* 3: 135–195.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(3) Zomlefer. 1993. *The Bryologist* 96: 1–72.

kilimandscharicum (Broth.) Paris = **R. toxarion**

toxarion (Schwägr.) A.Jaeger
R. kilimandscharicum (Broth.) Paris (3)
Thuidium thamniopsis Rehmann ex Sim (1, 3)
Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 1470–2050 m. M

SELIGERIACEAE

Compiled by J. van Rooy

BLINDIA Bruch & Schimp. 9737900

(1) Magill. 1981. *FSA* Bryophyta 1,1: 103, 104.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

magellanica Schimp.

Perennial. Bryophyte. Ht 10–15 mm. Alt 2000–3200 m. L

SEMATOPHYLLACEAE

Compiled by J. van Rooy

HETEROPHYLLIUM (Schimp.) Kindb. 9778500

flexile (Renauld & Cardot) Thér. & P.de la Varde = **Rhacopilopsis variegata**

transvaaliense (Thér. & Dixon) Thér. & P.de la Varde = **Rhacopilopsis trinitensis**

LEPTOISCHYRODON Dixon 9778550

(1) Dixon. 1932. *Kongelige Norske Videnskabernes Selskabs Skrifter* 1932,4: 14, 15.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 114.

congoanus Dixon

Perennial. Bryophyte, epiphyte. Length? Alt? LIM, KZN

MEIOTHECIUM Mitt. 9778600

(1) Sim. 1926. *The bryophyta of South Africa*: 434.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

fuscescens (A.Jaeger ex Paris) Broth.

Perennial. Bryophyte. Length? Alt? WC

RHAPHIDORRHYNCHIUM Besch. ex M.Fleisch. 9778700

dregei (Müll.Hal.) Broth. = **Sematophyllum dregei**

gueinzii (Hampe) Broth. = **Sematophyllum gueinzii**

zuluense Sim = **Sematophyllum zuluense**

SEMATOPHYLLUM Mitt. 9778800

(1) Sim. 1926. *The bryophyta of South Africa*: 434–437.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Buck. 1983. *Brittonia* 35: 309–311.
(4) Kis. 1985. *Mosses of South-east tropical Africa*: 151.
(5) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

brachycarpum (Hampe) Broth.

Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt up to 1900 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

caespitosum (Hedw.) Mitt. = **S. subpinnatum**

dregei (Müll.Hal.) Magill
Rhaphidorrhynchium dregei (Müll.Hal.) Broth. (2)

Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt 91–2400 m. LIM, M, S, KZN, WC, EC

gueinzii (Hampe) Magill
Rhaphidorrhynchium gueinzii (Hampe) Broth. (2)

Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt 30–2000 m. LIM, M, S, FS, KZN, WC, EC

sphaeropyxis (Müll.Hal.) Broth.

Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt up to 1800 m. LIM, NW, G, M, S, KZN, WC, EC

subpinnatum (Brid.) E.Britton
S. caespitosum (Hedw.) Mitt. (3, 4)

Perennial. Bryophyte, epiphyte. Length 25–75 mm. Alt up to 2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

wageri C.H.Wright ex Wager

Perennial. Bryophyte, occ. epiphyte. Length ± 12 mm. Alt ± 1600 m. NW, M, S, KZN, WC

zuluense (Sim) Magill
Rhaphidorrhynchium zuluense Sim (2)

Perennial. Bryophyte, epiphyte. Length 25–38 mm. Alt 300–1700 m. M, KZN, WC

TRICHOSTELEUM Mitt. 9778900

(1) Sim. 1926. *The bryophyta of South Africa*: 440.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

perchlorosum Broth. & Bryhn

Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt ± 900–1200 m. M, EC

WIJKIA H.A.Crum 9779000

(1) Sim. 1926. *The bryophyta of South Africa*: 423.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44, 45.

trichocolea (Müll.Hal.) H.A.Crum

Perennial. Bryophyte. Length up to 20 mm. Alt 800–2100 m. M, L

SPHAGNACEAE

Compiled by J. van Rooy

SPHAGNUM L. 9734300

(1) Magill. 1981. *FSA* Bryophyta 1,1: 23–32.
(2) Eddy. 1985. *Bulletin of the British Museum (Natural History) Botany* 12: 77–162.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 17.

capense Hornsch.
Perennial. Bryophyte, hydrophyte. Length 40–220 mm. Alt 90–2450 m. LIM, M, KZN, WC, EC

fimbriatum Wilson
Perennial. Bryophyte, hydrophyte. Length 80–120 mm. Alt ± 1850 m. M

perichaetiale Hampe
Perennial. Bryophyte, hydrophyte. Length 80–140 mm. Alt up to 600 m. KZN, WC, EC

pycnocladulum Müll.Hal.
Perennial. Bryophyte, hydrophyte. Length 50–200 mm. Alt ± 600–950 m. WC, EC

strictum Sull. subsp. **pappeanum** (Müll.Hal.) A.Eddy
Perennial. Bryophyte, hydrophyte. Length 60–180 mm. Alt 550–2100 m. M, KZN, WC, EC

truncatum Hornsch.
Perennial. Bryophyte, hydrophyte. Length 35–110 mm. Alt up to 2150 m. LIM, NW, G, M, S, KZN, WC, EC

violascens Müll.Hal.
Perennial. Bryophyte, hydrophyte. Length up to 60 mm. Alt ± 50–750 m. WC

SPLACHNACEAE

Compiled by J. van Rooy

TAYLORIA Hook. 9749500

(1) Magill. 1987. *FSA* Bryophyta 1,2: 331–333.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30.

isleana (Besch.) Broth.
Perennial. Bryophyte. Ht 8–12 mm. Alt ± 1225 m. KZN

orthodonta (P.Beauv.) Wijk & Margad.
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1500 m. LIM

STEREOPHYLLACEAE

Compiled by J. van Rooy

ENTODONTOPSIS Broth. 9770775

(1) Buck & Ireland. 1985. *Nova Hedwigia* 41: 100–108.
(2) Ireland & Buck. 1994. *Flora neotropica* 65: 10–27.

nitens (Mitt.) W.R.Buck
Stereophyllum zuluense Broth. & Bryhn (1, 2)
Perennial. Bryophyte, epiphyte. Length up to 40 mm. Alt ± 600–1500 m. KZN

JURATZKAEA Lorentz 9770780

(1) Buck. 1977. *Revue Bryologique et Lichenologique* 43: 319–322.
(2) Catcheside & Stone. 1980. *Journal of Bryology* 11: 99–104.
(3) Buck & Ireland. 1985. *Nova Hedwigia* 41: 111.

incisa (W.R.Buck) Catches. & I.G.Stone
Perennial. Bryophyte. Length? Alt? WC

STEREOPHYLLUM Mitt. 9770800

(1) Sim. 1926. *The bryophyta of South Africa*: 408–410.
(2) Buck & Ireland. 1985. *Nova Hedwigia* 41: 96–100.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
(4) Ireland & Buck. 1994. *Flora neotropica* 65: 3–10.

natalense Sim = **S. radiculosum**

radiculosum (Hook.) Mitt.
S. natalense Sim (2, 4)
S. odontocalyx (Müll.Hal.) A.Jaeger (2, 4)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 300–1600 m. LIM, NW, M, S, KZN, EC

odontocalyx (Müll.Hal.) A.Jaeger = **S. radiculosum**

woodii (Sim) Magill
Perennial. Bryophyte, epiphyte. Length 50–75 mm. Alt? KZN

zuluense Broth. & Bryhn = **Entodontopsis nitens**

THUIDIACEAE

Compiled by J. van Rooy

ABIETINELLA Müll.Hal. 9772500

(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

abietina (Hedw.) M.Fleisch.
Perennial. Bryophyte. Length? Alt 2700–2860 m. KZN

HAPLOCLADIUM (Müll.Hal.) Müll.Hal. 9771400

(1) Sim. 1926. *The bryophyta of South Africa*: 384.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
(4) Touw. 2001. *Journal of the Hattori Botanical Laboratory* 90: 197, 198.

angustifolium (Hampe & Müll.Hal.) Broth.
Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm. Alt ± 900–2100 m. LIM, G, M, S, KZN, L, WC, EC

PELEKIUM Mitt. 9772850

(1) Touw. 1976. *Lindbergia* 3: 143–185.
(2) Touw. 2001. *Journal of the Hattori Botanical Laboratory* 90: 187–194.

ramusculosum (Mitt.) Touw
Thuidium ramusculosum (Mitt.) A.Jaeger (2)
Perennial. Bryophyte. Length? Alt ± 900–2400 m. LIM, M, FS, KZN

varians (Welw. & Duby) Touw
Thuidium varians Welw. & Duby (2)
Perennial. Bryophyte. Length 40–60 mm. Alt up to 500 m. S, KZN

versicolor (Hornsch. ex Müll.Hal.) Touw
Thuidium versicolor (Hornsch. ex Müll.Hal.) A.Jaeger (2)
Perennial. Bryophyte. Length 25–75 mm. Alt 100–2100 m. LIM, NW, M, KZN, WC, EC

RAUIELLA Reimers 9772900

(1) Touw. 1976. *Lindbergia* 3: 186–189.
(2) Buck & Crum. 1990. *Contributions from the University of Michigan Herbarium* 17: 55–69.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

praelonga (Schimp. ex Besch.) Wijk & Margad.
R. subfilamentosa (Kiaer ex Besch.) Wijk & Margad. (2)
Perennial. Bryophyte, epiphyte. Length 50–75 mm. Alt 1350–1700 m. LIM, KZN

subfilamentosa (Kiaer ex Besch.) Wijk & Margad. = **R. praelonga**

THUIDIUM Bruch & Schimp. 9773000

(1) Touw. 1976. *Lindbergia* 3: 143–147.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

matarumense Besch.
Perennial. Bryophyte, occ. epiphyte. Length 3–20 mm. Alt 300–2438 m. M, FS, KZN, L, EC

ramusculosum (Mitt.) A.Jaeger = **Pelekium ramusculosum**

thamniopsis Rehmann ex Sim = **Rigodium toxarion**

varians Welw. & Duby = **Pelekium varians**

versicolor (Hornsch. ex Müll.Hal.) A.Jaeger = **Pelekium versicolor**

WARDIACEAE

Compiled by J. van Rooy

WARDIA Harv. & Hook. ex Hook. 9760700

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA* Bryophyta 1,3: 538–540.

hygrometrica Harv. & Hook.
Perennial. Bryophyte, hydrophyte. Length 15–80 mm. Alt 30–1200 m. WC

HEPATOPHYTA

ACROBOLBACEAE

Compiled by S.M. Perold

ACROBOLBUS Nees 9724700

(1) Arnell. 1963. *Hepaticae of South Africa*: 362, 363.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 12.

excisus (Mitt.) Schiffn. = **A. ochrophyllus**

ochrophyllus (Hook.f. & Taylor) R.M.Schust.
A. excisus (Mitt.) Schiffn. (1)
Marsupidium excisum Mitt. (1, 2)
Perennial. Bryophyte. Length up to 30 mm. Alt 620–920 m. WC

LETHOCOLEA Mitt. 9724800

(1) Arnell. 1963. *Hepaticae of South Africa*: 305, 306.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 135.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

congesta (Lehm.) S.W.Arnell
Symphyomitra africana Steph. (2)
Symphyomitra tabularis S.W.Arnell (2)
Perennial. Bryophyte. Length up to 10 mm. Alt 620–2700 m. LIM, KZN, L, WC

MARSUPIDIUM Mitt. 9724900

(1) Arnell. 1963. *Hepaticae of South Africa*: 366, 367.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 152.

brevifolium Steph. = **Adelanthus decipiens**

excisum Mitt. = **Acrobolbus ochrophyllus**

limbatum (Steph.) Grolle
Tylimanthus limbatus Steph. (1, 2)
Tylimanthus wilmsii Steph. (1, 2)
Perennial. Bryophyte. Length up to 20 mm. Alt 620–1850 m. WC

SYMPHYOMITRA Spruce 9781700

africana Steph. = **Lethocolea congesta**

tabularis S.W.Arnell = **Lethocolea congesta**

TYLIMANTHUS Mitt. 9726800

(1) Arnell. 1963. *Hepaticae of South Africa*: 261, 262.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 232.

africanus Pearson
Perennial. Bryophyte. Length up to 6 mm. Alt 280–900 m. KZN, WC

limbatus Steph. = **Marsupidium limbatum**

wilmsii Steph. = **Marsupidium limbatum**

ADELANTHACEAE

Compiled by S.M. Perold

ADELANTHUS Mitt. 9729100

(1) Arnell. 1963. *Hepaticae of South Africa*: 311–314.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 14, 15.

decipiens (Hook.) Mitt.
Marsupidium brevifolium Steph. (2)
Perennial. Bryophyte. Length up to 30 mm. Alt 620–1545 m. LIM, WC

lindenbergianus (Lehm.) Mitt.
A. sphalerus (Hook.f. & Taylor) Steph. (2)
A. unciformis (Hook.f. & Taylor) Spruce (2)
Perennial. Bryophyte. Length up to 160 mm. Alt 620–2000 m. L, WC

sphalerus (Hook.f. & Taylor) Steph. = **A. lindenbergianus**

unciformis (Hook.f. & Taylor) Spruce = **A. lindenbergianus**

ANEURACEAE

Compiled by S.M. Perold

ANEURA Dumort. 9781800

(1) Arnell. 1963. *Hepaticae of South Africa*: 86, 87.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 18–20.
(3) Perold. 2001. *Bothalia* 31: 167–173.

amazonica Spruce = **Riccardia amazonica**

angusticosta Steph. = **Riccardia amazonica**

compacta Steph. = **Riccardia compacta**

congoana Steph. = **Riccardia amazonica**

fastigiata (Lehm.) Gottsche, Lindenb. & Nees = **Riccardia fastigiata**

grosselimbata Steph. = **Riccardia amazonica**

limbata Steph. = **Riccardia limbata**

multifida Dumort. = **Riccardia multifida**

pinguis (L.) Dumort.
Riccardia pinguis (L.) Gray (2, 3)
Riccardia submarginata S.W.Arnell (3)
Perennial. Bryophyte. Length 15–35 mm. Alt 287–2144 m. M, FS, KZN, WC, EC

reticulata Steph. = **Riccardia limbata**

stephanii Besch. ex Steph. = **Riccardia amazonica**

travisiana Pearson = **Riccardia amazonica**

RICCARDIA Gray 9716900

(1) Arnell. 1963. *Hepaticae of South Africa*: 88–99.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 202–205.
(3) Perold. 2001. *Bothalia* 31: 183–187.

amazonica (Spruce) Schiffn. ex Gradst. & Hekking
Aneura amazonica Spruce (2)
Aneura angusticosta Steph. (2)
Aneura congoana Steph. (2)
Aneura grosselimbata Steph. (2)
Aneura stephanii Besch. ex Steph. (2)
Aneura travisiana Pearson (2)
R. campanuliflora S.W.Arnell (2)
R. stephanii (Besch. ex Steph.) E.W.Jones, illegitimate name (2)
Perennial. Bryophyte. Length up to 20 mm. Alt? WC

campanuliflora S.W.Arnell = **R. amazonica**

capensis S.W.Arnell
Perennial. Bryophyte, occ. epiphyte. Length 1–2 mm. Alt ± 116 m. WC

compacta (Steph.) S.W.Arnell
Aneura compacta Steph. (1, 2)
Perennial. Bryophyte. Length up to 7 mm. Alt 116–1220 m. WC

fastigiata (Lehm.) Trevis.
Aneura fastigiata (Lehm.) Gottsche, Lindenb. & Nees (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt? G, KZN, WC

limbata (Steph.) E.W.Jones
Aneura limbata Steph. (2)
Aneura reticulata Steph. (2)
Perennial. Bryophyte, occ. epiphyte. Length 1.5–4 mm. Alt? S, KZN, WC

multifida (L.) Gray
Aneura multifida Dumort. (3)
R. saccatiflora (Steph.) S.W.Arnell, misapplied name (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 27 mm. Alt 265–490 m. WC

obtusa S.W.Arnell
Perennial. Bryophyte, occ. epiphyte. Length 10–20 mm. Alt? KZN, WC, EC

pinguis (L.) Gray = **Aneura pinguis**

saccatiflora (Steph.) S.W.Arnell, misapplied name = **R. multifida**

stephanii (Besch. ex Steph.) E.W.Jones, illegitimate name = **R. amazonica**

submarginata S.W.Arnell = **Aneura pinguis**

ANTHELIACEAE

Compiled by S.M. Perold

ANTHELIA Dumort. 9730400

(1) Schuster. 1974. *The Hepaticae and Anthocerotae of North America* 3: 622.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 20.

africana Steph. = ?**Cephaloziella** sp. (1, 2)

ARNELLIACEAE

Compiled by S.M. Perold

GONGYLANTHUS Nees 9727300

(1) Arnell. 1963. *Hepaticae of South Africa*: 270–274.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 94, 95.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.

ericetorum (Raddi) Nees
Calypogeia ericetorum Raddi (1, 2)
Perennial. Bryophyte. Length up to 20 mm. Alt 620–1650 m. NW, G, KZN, L, WC

renifolius (Mitt.) Steph.
Perennial. Bryophyte. Length up to 10 mm. Alt 120–1200 m. KZN, WC

scariosus (Lehm.) Steph.
Gymnomitrion scariosum (Lehm.) Nees (1, 2)
Perennial. Bryophyte. Length up to 10 mm. Alt 190–500 m. WC

AYTONIACEAE

Compiled by S.M. Perold

ASTERELLA P.Beauv. 9710700

(1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 27–29.
(2) Perold. 1999. *FSA* 1,1: 43–59.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

abyssinica (Gottsche) Grolle
Fimbriaria abyssinica (Gottsche) Steph. (1, 2)
Perennial. Bryophyte. Length 15–18 mm. Alt ± 1800 m. KZN

angolensis (Steph.) S.W.Arnell = **A. wilmsii**

bachmannii (Steph.) S.W.Arnell

Fimbriaria bachmannii Steph. (1, 2)
Perennial. Bryophyte. Length 18–25 mm. Alt 900–2600 m. B, LIM, G, M, S, FS, KZN, L, WC, EC

marginata (Nees) S.W.Arnell
Fimbriaria marginata Nees (1, 2)
Perennial. Bryophyte. Length up to 23 mm. Alt 300–1580 m. NC, WC, EC

muscicola (Steph.) S.W.Arnell
Fimbriaria muscicola Steph. (1, 2)
Perennial. Bryophyte. Length up to 18 mm. Alt 800–3000 m. B, LIM, NW, M, FS, KZN, L, EC

wilmsii (Steph.) S.W.Arnell
A. angolensis (Steph.) S.W.Arnell (2)
Fimbriaria wilmsii Steph. (1, 2)
Perennial. Bryophyte. Length 30–40(–75) mm. Alt 760–2000 m. LIM, G, M, S, KZN, L

CRYPTOMITRIUM Austin ex Underw. 9710850

(1) Austin. 1884. *Bulletin Illinois State Laboratory of Natural History* 2: 36.
(2) Perold. 1999. *FSA* 1,1: 59–64.

oreades Perold
Annual. Bryophyte. Length up to 12 mm. Alt ± 2900 m. L

FIMBRIARIA Nees 9781900

abyssinica (Gottsche) Steph. = **Asterella abyssinica**
bachmannii Steph. = **Asterella bachmannii**
marginata Nees = **Asterella marginata**
muscicola Steph. = **Asterella muscicola**
wilmsii Steph. = **Asterella wilmsii**

MANNIA Opiz 9710800

(1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 147.
(2) Perold. 1999. *FSA* 1,1: 64–67.

capensis (Steph.) S.W.Arnell
Perennial. Bryophyte. Length up to 12 mm. Alt 540–1650 m. N, LIM, NW, G, M, FS, NC, WC, EC

PLAGIOCHASMA Lehm. & Lindenb. 9710900

(1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 172–174.
(2) Perold. 1999. *FSA* 1,1: 27–43.

algericum Steph. = **P. rupestre** var. **rupestre**

appendiculatum Lehm. & Lindenb.
P. fischerianum (Steph.) Steph. (1, 2)
Perennial. Bryophyte. Length 10–20 mm. Alt 700–1280 m. NW

beccarianum Steph.
Perennial. Bryophyte. Length 8–20 mm. Alt 990–1830 m. N, LIM, M

dinteri Steph. = **P. microcephalum**

dschallanum Steph. = **P. rupestre** var. **rupestre**

eximium (Schiffn.) Steph.
Perennial. Bryophyte. Length 16.5–22.0 mm. Alt 920–2025 m. KZN, L

fischerianum (Steph.) Steph. = **P. appendiculatum**

microcephalum (Steph.) Steph. var. **microcephalum**
P. dinteri Steph. (1, 2)
Perennial. Bryophyte. Length 6–12 mm. Alt 655–1690 m. N, LIM, NW, G, NC

rupestre (J.R.Forst. & G.Forst.) Steph. var. **rupestre**
P. algericum Steph. (1, 2)
P. dschallanum Steph. (1, 2)
P. tenue Steph. (1, 2)
Perennial. Bryophyte. Length 8–25 mm. Alt 265–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rupestre (J.R.Forst. & G.Forst.) Steph. var. **volkii** Bischl.
Perennial. Bryophyte. Length 8–25 mm. Alt 640–2165 m. N, LIM, NW, G, KZN, L

tenue Steph. = **P. rupestre** var. **rupestre**

BALANTIOPSIDACEAE

Compiled by S.M. Perold

ISOTACHIS Mitt. 9723700

(1) Arnell. 1963. *Hepaticae of South Africa*: 360–362.
(2) Vána. 1982. *Folia Geobotanica et Phytotaxonomica* 17: 63–87.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 102, 103.

aspera Steph. = **I. aubertii**

aspera Steph. var. *transvaalensis* S.W.Arnell, illegitimate name = **I. aubertii**

aubertii (Schwägr.) Mitt.
I. aspera Steph. (1, 2)
I. aspera Steph. var. *transvaalensis* S.W.Arnell, illegitimate name (3)
Perennial. Bryophyte. Length up to 30 mm. Alt 1160–1320 m. NW, M, WC

CALYPOGEIACEAE

Compiled by S.M. Perold

CALYPOGEIA Raddi 9730900

(1) Arnell. 1963. *Hepaticae of South Africa*: 392–396.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 34, 35.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

arguta Nees & Mont.
C. latifolia Steph. (2)
Perennial. Bryophyte. Length 10–20 mm. Alt 280–2165 m. NW, S, KZN, WC

bidentula (F.Weber) Nees
Perennial. Bryophyte. Length up to 30 mm. Alt 490–1470 m. LIM, NW, M, S, KZN, L, WC

capensis S.W.Arnell = **Mnioloma fuscum**

ericetorum Raddi = **Gongylanthus ericetorum**

fissa (L.) Raddi
Perennial. Bryophyte. Length up to 20 mm. Alt 50–2150 m. LIM, KZN, WC, EC

fusca (Lehm.) Steph. = **Mnioloma fuscum**

latifolia Steph. = **C. arguta**

longifolia Steph.
Perennial. Bryophyte. Length 10–15 mm. Alt 235–1450 m. LIM, S, KZN, L, WC, EC

microstipula (Steph.) Steph.
Perennial. Bryophyte. Length ± 2.5 mm. Alt ± 2100 m. KZN

METACALYPOGEIA (S.Hatt.) Inoue 9730925

fusca (Lehm.) N.Kitag. = **Mnioloma fuscum**

MNIOLOMA Herzog 9730950

(1) Schuster. 1995. *Fragmenta Floristica et Geobotanica* 40: 825–888.
(2) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 53

fuscum (Lehm.) R.M.Schust.
Calypogeia capensis S.W.Arnell (2)
Calypogeia fusca (Lehm.) Steph. (2)
Metacalypogeia fusca (Lehm.) N.Kitag. (1)
Perennial. Bryophyte. Length up to 20 mm. Alt 250–900 m. M, KZN, WC

CEPHALOZIACEAE

Compiled by S.M. Perold

ALOBIELLA (Spruce) Schiffn. 9728500

heteromorpha (Lehm.) Steph. = **Allobiellopsis heteromorpha**

pillansii (Sim) S.W.Arnell = **Allobiellopsis pillansii**

ALOBIELLOPSIS R.M.Schust. 9782000

(1) Arnell. 1963. *Hepaticae of South Africa*: 347–349.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 16.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

heteromorpha (Lehm.) R.M.Schust.
Alobiella heteromorpha (Lehm.) Steph. (1, 2)
Perennial. Bryophyte. Length up to 20 mm. Alt 340–1230 m. KZN, L, WC

pillansii (Sim) R.M.Schust.
Alobiella pillansii (Sim) S.W.Arnell (1, 2)
Perennial. Bryophyte. Length 20–30 mm. Alt 420–510 m. WC

CEPHALOZIA (Dumort.) Dumort. 9728600

(1) Vána. 1988. *Beiheft zur Nova Hedwigia* 90: 179–198.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 37–39.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 14.

bicuspidata (L.) Dumort.
C. robusta Steph. (1)
C. vallis-gratiae Gottsche ex Steph. (1)
Perennial. Bryophyte. Length up to 10 mm. Alt 300–1700 m. KZN, WC, EC

connivens (Dicks.) Lindb. subsp. **fissa** (Steph.) Vána
C. crassicaulis Steph. (2, 3)
Perennial. Bryophyte. Length up to 15 mm. Alt 480–2000 m. NW, WC

crassicaulis Steph. = **C. connivens** subsp. **fissa**

denudata (Mart.) Spruce var. *africana* Pearson = **Odontoschisma africanum**

kiaeri (Austin) Pearson = **Cephaloziella kiaeri**

lycopodioides Sim = **Cephaloziella lycopodioides**

natalensis Sim = **Cephaloziella natalensis**

robusta Steph. = **Cephalozia bicuspidata**

tenuissima (Lehm. & Lindenb.) Trevis. = **Cephaloziella tenuissima**

vaginans (Steph.) Steph. = **Cephaloziella vaginans**

vallis-gratiae Gottsche ex Steph. = **Cephalozia bicuspidata**

ODONTOSCHISMA (Dumort.) Dumort. 9729200

(1) Arnell. 1963. *Hepaticae of South Africa*: 302, 303.
(2) Vána. 1988. *Beiheft zur Nova Hedwigia* 90: 179–198.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 167, 168.

africanum (Pearson) Sim
Cephalozia denudata (Mart.) Spruce var. *africana* Pearson (2, 3)
Perennial. Bryophyte. Length 10–20 mm. Alt 290–1090 m. KZN, WC, EC

CEPHALOZIELLACEAE

Compiled by S.M. Perold

CEPHALOZIELLA (Spruce) Schiffn. 9729700

(1) Arnell. 1963. *Hepaticae of South Africa*: 329–346.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 39–41.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

anthelioides S.W.Arnell
Perennial. Bryophyte. Length up to 5 mm. Alt 400–1405 m. WC

atroviridis (Sim) E.W.Jones = **Cylindrocolea atroviridis**

capensis (Sim) S.W.Arnell
Perennial. Bryophyte. Length up to 6 mm. Alt 300–400 m. WC

garsidei S.W.Arnell
Perennial. Bryophyte. Length up to 10 mm. Alt ± 400 m. WC

kiaeri (Austin) Douin
Cephalozia kiaeri (Austin) Pearson (1, 2)
Perennial. Bryophyte. Length up to 20 mm. Alt 280–1200 m. LIM, KZN, L, WC, EC

lycopodioides (Sim) S.W.Arnell
Cephalozia lycopodioides Sim (1, 2)
Perennial. Bryophyte. Length 3–4 mm. Alt 600–1400 m. KZN, WC

natalensis (Sim) S.W.Arnell
Cephalozia natalensis Sim (1, 2)
Perennial. Bryophyte. Length 3–6 mm. Alt 640–750 m. KZN, EC

schelpei S.W.Arnell
Perennial. Bryophyte. Length up to 3 mm. Alt 520–950 m. KZN

tabularis S.W.Arnell
Perennial. Bryophyte. Length up to 15 mm. Alt 50–920 m. WC

tenuissima (Lehm. & Lindenb.) Steph.
Cephalozia tenuissima (Lehm. & Lindenb.) Trevis. (1, 2)
Perennial. Bryophyte. Length up to 10 mm. Alt 620–1400 m. L, WC

transvaalensis S.W.Arnell
Perennial. Bryophyte. Length up to 5 mm. Alt 1200–1330 m. LIM, M, KZN

triplicata S.W.Arnell
Perennial. Bryophyte. Length up to 20 mm. Alt ± 200 m. WC

vaginans Steph.
Cephalozia vaginans (Steph.) Steph. (2)
Perennial. Bryophyte. Length? Alt ± 3050 m. L

CYLINDROCOLEA R.M.Schust. 9729800

(1) Vána *et al.* 1979. *Lejeunia* 98: 1–25.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 66, 67.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

atroviridis (Sim) Vána
Cephaloziella atroviridis (Sim) E.W.Jones (1, 2)
Perennial. Bryophyte. Length 20–60 mm. Alt 300–1390 m. G, M, KZN, L, WC, EC

CLEVEACEAE

Compiled by S.M. Perold

ATHALAMIA Falc. 9712500

(1) Perold. 1999. *FSA* 1,1: 69–72.

spathysii (Lindenb.) S.Hatt.
Clevea spathysii (Lindenb.) Müll.Frib. (1)
Perennial. Bryophyte. Length up to 12 mm. Alt 1570–2090 m. N, EC

CLEVEA Lindenb. 9712600

spathysii (Lindenb.) Müll.Frib. = **Athalamia spathysii**

EXORMOTHECACEAE

Compiled by S.M. Perold

EXORMOTHECA Mitt. 9712000

(1) Bornefeld *et al.* 1996. *Bothalia* 26: 159–165.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 76, 77.
(3) Perold. 1999. *FSA* 1,1: 73–79.

africana Steph. = **E. pustulosa**

bulbigena Bornefeld, O.H.Volk & R.Wolf
Perennial. Bryophyte. Length up to 20 mm. Alt 1200–1500 m. N

holstii Steph.
E. megastomata Marquand (3)
E. youngii S.W.Arnell (3)
Perennial. Bryophyte. Length up to 22 mm. Alt 325–1555 m. N, B, LIM, NW, G, M, FS, KZN

megastomata Marquand = **E. holstii**

pustulosa Mitt.
E. africana Steph. (3)
Perennial. Bryophyte. Length up to 9 mm. Alt 1250–2100 m. B, LIM, NW, G, M, S, FS, L

youngii S.W.Arnell = **E. holstii**

FOSSOMBRONIACEAE

Compiled by S.M. Perold

FOSSOMBRONIA Raddi 9716400

(1) Perold. 1997. *Bothalia* 27: 17–27, 29–42, 105–115.
(2) Perold. 1998. *Bothalia* 28: 1–5, 159–165.
(3) Perold. 1999. *Bothalia* 29: 1–4, 25–33, 77–93.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
(5) Perold. 2001. *Bothalia* 31: 25–29.

angulifolia Perold
Annual? Bryophyte. Length up to 12 mm. Alt ± 1500 m. L

capensis S.W.Arnell var. **capensis**
Perennial. Bryophyte. Length 10–18 mm. Alt 160–910 m. WC, EC

capensis S.W.Arnell var. **spiralis** Perold
Perennial. Bryophyte. Length up to 10 mm. Alt 50–1000 m. WC

cederbergensis Perold
Perennial. Bryophyte. Length up to 3.5 mm. Alt 140–840 m. NC, WC

crispa Nees
F. zeyheri Steph. (1)
Perennial. Bryophyte. Length up to 15 mm. Alt 150–1600 m. LIM, G, M, S, KZN, WC, EC

densilamellata S.W.Arnell
Perennial. Bryophyte. Length up to 12 mm. Alt 150–450 m. WC

elsieae Perold
Perennial. Bryophyte. Length 6–12 mm. Alt 300–1060 m. WC

gemmifera Perold
Perennial. Bryophyte. Length 5–9 mm. Alt 1190–1730 m. LIM, M, L

glenii Perold
Perennial. Bryophyte. Length 5–7 mm. Alt 450–1800 m. LIM, G, M, L

hyalorhiza Perold
Perennial. Bryophyte. Length 5–15 mm. Alt 425–1050 m. NC, WC

leucoxantha Lehm.
Perennial. Bryophyte. Length 6.0–7.5 mm. Alt 120–620 m. WC

marindae Perold
Perennial. Bryophyte. Length up to 8 mm. Alt ± 250 m. WC

montaguensis S.W.Arnell
Annual? Bryophyte. Length up to 10 mm. Alt 300–790 m. L?, WC

monticola Perold
Perennial. Bryophyte. Length 5.5–9.0 mm. Alt 300–1060 m. WC

pusilla (L.) Dumort., presence in *FSA* unconfirmed

renateae Perold
Perennial. Bryophyte. Length 5–15 mm. Alt 1200–1600 m. M, KZN

spinifolia Steph.
Perennial. Bryophyte. Length 3–7 mm. Alt ± 300 m. WC

spinosa Perold
Perennial. Bryophyte. Length up to 9 mm. Alt 200–285 m. WC

straussiana Perold
Perennial. Bryophyte. Length up to 9.5 mm. Alt 1050–1300 m. LIM, G

swaziensis Perold
Perennial. Bryophyte. Length up to 10 mm. Alt 1000–1500 m. LIM, G, M, S

tumida Mitt.
Perennial. Bryophyte. Length 5–12 mm. Alt 150–300 m. WC

zeyheri Steph. = **F. crispa**

zuurbergensis Perold
Perennial. Bryophyte. Length up to 9 mm. Alt ± 670 m. EC

GEOCALYCACEAE (incl. Lophocoleaceae)

Compiled by S.M. Perold

CHILOSCYPHUS Corda 9727800

dubius Gottsche = **Heteroscyphus dubius**

expansus (Lehm.) Nees = **Leptoscyphus expansus**

fasciculatus (Nees) Gottsche, Lindenb. & Nees = **Clasmatocolea fasciculata**

muricatus (Lehm.) J.J.Engel & R.M.Schust. = **Lophocolea muricata**

semiteres (Lehm.) Lindenb. = **Lophocolea semiteres**

CLASMATOCOLEA Spruce 9727900

(1) Arnell. 1963. *Hepaticae of South Africa*: 275–279.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 51.

fasciculata (Nees) Grolle
Chiloscyphus fasciculatus (Nees) Gottsche, Lindenb. & Nees (1)
Lophocolea fasciculata (Nees) S.W.Arnell & Grolle (1)
Perennial. Bryophyte. Length up to 60 mm. Alt 600–2100 m. WC

vermicularis (Lehm.) Grolle
Lophocolea subintegra (Hook.f. & Taylor) Grolle (2)

Perennial. Bryophyte. Length up to 30 mm. Alt 300–2450 m. LIM, G, M, KZN, L, WC

HETEROSCYPHUS Schiffn. 9732400

(1) Arnell. 1963. *Hepaticae of South Africa*: 300–302.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 99, 100.

dubius (Gottsche) Schiffn.
Chiloscyphus dubius Gottsche (2)
Perennial. Bryophyte, occ. epiphyte. Length 50–60 mm. Alt 600–845 m. KZN, WC

LEPTOSCYPHUS Mitt. 9726600

(1) Arnell. 1963. *Hepaticae of South Africa*: 262–269.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 134, 135.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

bewsii Sim = **Lophocolea bewsii**

diversifolius (Gottsche) Grolle
Lophocolea diversifolia Gottsche (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 4 mm. Alt 200–280 m. WC

expansus (Lehm.) Grolle
Chiloscyphus expansus (Lehm.) Nees (2)
L. iversenii (Pearson) Sim (2)
Plagiochila knysnana S.W.Arnell (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 280–620 m. L, WC

iversenii (Pearson) Sim = **L. expansus**

LOPHOCOLEA (Dumort.) Dumort. 9728000

(1) Arnell. 1963. *Hepaticae of South Africa*: 279–300.
(2) Wigginton & Grolle. 1996. *Bryoplytorum Bibliotheca* 50: 137–142.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

bewsii (Sim) Grolle
Leptoscyphus bewsii Sim (1, 2)
L. esterhuysenii S.W.Arnell (1, 2)
Perennial. Bryophyte. Length up to 20 mm. Alt 200–750 m. WC

bidentata (L.) Dumort. var. **bidentata**
L. cuspidata (Nees) Limpr. (2)
Perennial. Bryophyte. Length up to 40 mm. Alt 180–1400 m. KZN, WC, EC

concreta Mont.
L. rehmannii Steph. (2)
L. subrotunda Mitt. (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt 600–1950 m. M, S, KZN, L, WC

congoana Steph. = **L. martiana**

cuspidata (Nees) Limpr. = **L. bidentata** var. **bidentata**

difformis Nees
L. macleana Steph. (2)
L. molleri Steph. (2)
Perennial. Bryophyte. Length up to 20 mm. Alt 150–2100 m. LIM, G, M, S, KZN, L, WC, EC

diversifolia Gottsche = **Leptoscyphus diversifolius**

dusenii Steph. = **L. lucida**

esterhuysenii S.W.Arnell = **L. bewsii**

fasciculata (Nees) S.W.Arnell & Grolle = **Clasmatocolea fasciculata**

fragrans (Moris & De Not.) Gottsche, Lindenb. & Nees
L. frappieri Steph. (1, 2)
Perennial. Bryophyte. Length 10–20 mm. Alt 400–700 m. WC

frappieri Steph. = **L. fragrans**

lucida (Spreng. ex Lehm.) Mont.
L. dusenii Steph. (2)
Perennial. Bryophyte. Length up to 5 mm. Alt 280–1200 m. KZN, WC

macleana Steph. = **L. difformis**

martiana Nees
L. congoana Steph. (2)
Perennial. Bryophyte. Length up to 50 mm. Alt 300–900 m. S, KZN, WC, EC

molleri Steph. = **L. difformis**

muricata (Lehm.) Nees
Chiloscyphus muricatus (Lehm.) J.J.Engel & R.M.Schust. (2)
L. spiniflora Steph. (2)
Perennial. Bryophyte, epiphyte. Length up to 15 mm. Alt 280–1200 m. KZN, WC, EC

rehmannii Steph. = **L. concreta**

semiteres (Lehm.) Mitt.
Chiloscyphus semiteres (Lehm.) Lindenb. (2)
Perennial. Bryophyte, rarely epiphyte. Length up to 20 mm. Alt 200–2100 m. M, KZN, WC

spiniflora Steph. = **L. muricata**

subintegra (Hook.f. & Taylor) Grolle = **Clasmatocolea vermicularis**

subrotunda Mitt. = **L. concreta**

GYMNOMITRIACEAE

Compiled by S.M. Perold

GYMNOMITRION Corda 9725400

(1) Arnell. 1963. *Hepaticae of South Africa*: 309.
(2) Wigginton & Grolle. 1996. *Bryoplytorum Bibliotheca* 50: 96, 97.
(3) Vána. 1999. *Bryobrothera* 5: 228, 229.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 31.

andinum (Herzog) Herzog
Marsupella capensis S.W.Arnell (3, 4)
Perennial. Bryophyte. Length up to 10 mm. Alt 1200–1500 m. WC

laceratum (Steph.) T.Horik.
Perennial. Bryophyte. Length up to 8 mm. Alt 1200–2900 m. KZN, WC

scariosum (Lehm.) Nees = **Gongylanthus scariosus**

MARSUPELLA Dumort. 9725500

(1) Arnell. 1963. *Hepaticae of South Africa*: 307–309.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 151, 152.

capensis S.W.Arnell = **Gymnomitrion andinum**

sparsifolia (Lindb.) Dumort.
Perennial. Bryophyte. Length up to 10 mm. Alt? WC

STEPHANIELLA Jack 9725600

(1) Arnell. 1963. *Hepaticae of South Africa*: 303–305.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 223.

paraphyllina Jack
Perennial. Bryophyte. Length up to 4 mm. Alt 2900–3000 m. KZN, L

HAPLOMITRIACEAE

Compiled by S.M. Perold

HAPLOMITRIUM Nees 9782900

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
(2) Wigginton *et al.* 2001. *Tropical Bryology* 20: 55–59.

gibbsiae (Steph.) R.M.Schust.
Annual? Bryophyte. Length? Alt ± 2600 m. L

HERBERTACEAE

Compiled by S.M. Perold

HERBERTUS Gray 9733200

(1) Arnell. 1963. *Hepaticae of South Africa*: 310, 311.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 98, 99.

capensis (Steph.) Sim
Schisma capense Steph. (1, 2)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 1220–2850 m. LIM, M, KZN, L

SCHISMA Dumort. 9782100

capense Steph. = **Herbertus capensis**

JUBULACEAE

Compiled by S.M. Perold

FRULLANIA Raddi 9719600

(1) Arnell. 1963. *Hepaticae of South Africa*: 131–159.
(2) Vanden Berghen. 1976. *Bulletin du Jardin Botanique National de Belgique* 46: 1–217.
(3) Yuzawa. 1991. *Journal of the Hattori Botanical Laboratory* 70: 181–291.
(4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 80–94.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
(6) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 27–30.

anderssonii Ångstr.
Perennial. Bryophyte. Length up to 80 mm. Alt ± 180 m. KZN

arecae (Spreng.) Gottsche
F. dentilobula Steph. (4)
F. mundiana Lindenb. & Gottsche (4)
Perennial. Bryophyte. Length 40–80 mm. Alt 500–2150 m. M, KZN, WC, EC

borgenii Pearson = **F. obscurifolia**

brunnea (Spreng.) Gottsche, Lindenb. & Nees
Perennial. Bryophyte, occ. epiphyte. Length 15–30(–40) mm. Alt 500–1200 m. WC

bursicula Steph. = **F. socotrana**

caffraria Steph.
Perennial. Bryophyte, epiphyte. Length 30–80 mm. Alt 60–1230 m. KZN, WC, EC

capensis Gottsche
F. rehmannii Steph. (2)
Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm. Alt 950–1400 m. KZN, WC, EC

dentilobula Steph. = **F. arecae**

depressa Mitt.
F. natalensis Sim (1, 2)
Perennial. Bryophyte. Length 20–90 mm. Alt 1390–1795 m. M, KZN, L

diptera (Lehm.) Drège
Perennial. Bryophyte, epiphyte. Length 15–25 mm. Alt 180–1500 m. M, KZN, WC, EC

ecklonii (Spreng.) Gottsche, Lindenb. & Nees
F. emergens Mitt. (4)
Perennial. Bryophyte, occ. epiphyte. Length ± 50 mm. Alt? WC

emergens Mitt. = **F. ecklonii**

eplicata Steph.
Perennial. Bryophyte, occ. epiphyte. Length 20–35 mm. Alt ± 930 m. LIM

ericoides (Nees) Mont.
F. squarrosa Gottsche, Lindenb. & Nees (4)
Perennial. Bryophyte, epiphyte. Length 30–40 mm. Alt 60–2100 m. LIM, G, KZN, L, WC, EC

garsidei S.W.Arnell = **F. variegata**

lindenbergii Lehm.
Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt 920–1235 m. M, KZN, EC

mundiana Lindenb. & Gottsche = **F. arecae**

natalensis Sim = **F. depressa**

obscurifolia Mitt.
F. borgenii Pearson (2)
Perennial. Bryophyte, epiphyte. Length 10–20 mm. Alt 60–2160 m. S, KZN, L, WC, EC

rehmannii Steph. = **F. capensis**

serrata Gottsche
Perennial. Bryophyte. Length 40–100 mm. Alt 540–1500 m. LIM, KZN, WC, EC

socotrana Mitt.
F. bursicula Steph. (2, 4)
Perennial. Bryophyte, occ. epiphyte. Length 5–15 mm. Alt 300–1630 m. KZN, L

spongiosa Steph.
Perennial. Bryophyte. Length 20–40 mm. Alt ± 240 m. EC

squarrosa Gottsche, Lindenb. & Nees = **F. ericoides**

trinervis (Lehm.) Drège
Perennial. Bryophyte, occ. epiphyte. Length 20–30(–40) mm. Alt 60–2450 m. LIM, G, M, KZN, L, WC, EC

variegata Steph.
F. garsidei S.W.Arnell (2)
Perennial. Bryophyte, epiphyte. Length 15–30 mm. Alt 600–1200 m. KZN, WC

JUNGERMANNIACEAE

Compiled by S.M. Perold

ANASTROPHYLLUM (Spruce) Steph. 9723500

(1) Arnell. 1963. *Hepaticae of South Africa*: 363–365.
(2) Vána. 1975. *Miscellanea Bryologica Lichenologica* 7: 25–27.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 16, 17.
(4) Engel & Braggins. 1998. *Journal of Bryology* 20: 371–388.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

auritum (Lehm.) Steph.
A. gambaragarae Gola (1, 2, 3, 4)
Perennial. Bryophyte. Length up to 20 mm. Alt 900–3000 m. KZN, L, WC

gambaragarae Gola = **A. auritum**

minutum (Schreb.) R.M.Schust.
Sphenolobus minutus (Schreb.) Berggr. (2, 3)
Perennial. Bryophyte. Length 10–30 mm. Alt 730–3000 m. KZN, WC

CHANDONANTHUS Mitt. 9723600

(1) Arnell. 1963. *Hepaticae of South Africa*: 354, 355.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 42, 43.

hirtellus (F.Weber) Mitt.
Perennial. Bryophyte, occ. epiphyte. Length up to 80 mm. Alt 1580–2490 m. M

CRYPTOCHILA R.M.Schust. 9782200

(1) Arnell. 1963. *Hepaticae of South Africa*: 322, 323.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 65.

grandiflora (Lindenb. & Gottsche) Grolle
Jamesoniella grandiflora (Lindenb. & Gottsche) Steph. (1, 2)
Perennial. Bryophyte. Length 40–80 mm. Alt 1700–3000 m. KZN, WC

GYMNOCOLEOPSIS (R.M.Schust.) R.M.Schust. 9782300

(1) Arnell. 1963. *Hepaticae of South Africa*: 358–360.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 96.

capensis (S.W.Arnell) R.M.Schust.
Lophozia capensis S.W.Arnell (1, 2)
Perennial. Bryophyte. Length up to 2 mm. Alt 300–350 m. WC

JAMESONIELLA (Spruce) Carrington 9723800

(1) Arnell. 1963. *Hepaticae of South Africa*: 319–324.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 103, 104.

colorata (Lehm.) Schiffn.
J. oenops (Lindenb. & Gottsche) Steph. (2)
Perennial. Bryophyte. Length up to 100 mm. Alt 400–1200 m. KZN, WC

grandiflora (Lindenb. & Gottsche) Steph. = **Cryptochila grandiflora**

oenops (Lindenb. & Gottsche) Steph. = **J. colorata**

purpurascens Steph.
J. rehmannii Steph. (2)
Perennial. Bryophyte. Length up to 60 mm. Alt ± 480 m. WC

rehmannii Steph. = **J. purpurascens**

JUNGERMANNIA L. 9723900

(1) Arnell. 1963. *Hepaticae of South Africa*: 316–319.
(2) Vána. 1974. *Folia Geobotanica et Phytotaxonomica, Praha* 9: 277–312.
(3) Vána. 1975. *Folia Geobotanica et Phytotaxonomica, Praha* 10: 357–382.
(4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 104–110.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
(6) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 33–37.

austroafricana S.W.Arnell = **J. mildbraedii**

borgenii Gottsche ex Pearson
Solenostoma borgenii (Gottsche ex Pearson) Steph. (2, 3)
Solenostoma stoloniferum (Steph.) S.W.Arnell (1)
Perennial. Bryophyte. Length up to 15 mm. Alt 280–2100 m. KZN, WC

mildbraedii Steph.
J. austroafricana S.W.Arnell (3)
Solenostoma austroafricanum (S.W.Arnell) S.W.Arnell (1)
Perennial. Bryophyte. Length up to 14 mm. Alt 1200–2100 m. KZN, WC

muricata Lehm. = **Lophocolea muricata**

pocsii Vána
Perennial. Bryophyte. Length 7–30 mm. Alt ± 2500 m. KZN

pumila With.
Perennial. Bryophyte. Length 15–25 mm. Alt 2300–2900 m. KZN, L

sphaerocarpa Hook.
Solenostoma sphaerocarpum (Hook.) Steph. (2)
Perennial. Bryophyte. Length 5–40 mm. Alt 2900–3000 m. KZN, L

LOPHOZIA (Dumort.) Dumort. 9724000

(1) Arnell. 1963. *Hepaticae of South Africa*: 356–366.
(2) Vána. 1982. *Geobotanica et Phytotaxonomica, Praha* 17: 63–87.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 145, 146.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

argentina (Steph.) R.M.Schust.
L. montaguensis S.W.Arnell (1, 3)
Perennial. Bryophyte. Length up to 40 mm. Alt 790–2400 m. KZN, L, WC

capensis S.W.Arnell = **Gymnocoleopsis capensis**

montaguensis S.W.Arnell= **L. argentina**

NOTOSCYPHUS Mitt. 9724100

(1) Arnell. 1963. *Hepaticae of South Africa*: 325–327.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 165.

belangerianus (Lehm. & Lindenb.) Mitt. = **N. lutescens**

jackii (Steph.) Steph. = **N. lutescens**

lutescens (Lehm. & Lindenb.) Mitt.
N. belangerianus (Lehm. & Lindenb.) Mitt. (2)
N. jackii (Steph.) Steph. (2)
Perennial. Bryophyte. Length up to 15 mm. Alt 630–1450 m. LIM, NW, M, S, KZN, EC

SOLENOSTOMA Mitt. 9782400

austroafricanum (S.W.Arnell) S.W.Arnell = **Jungermannia mildbraedii**

borgenii (Gottsche ex Pearson) Steph. = **Jungermannia borgenii**

sphaerocarpum (Hook.) Steph. = **Jungermannia sphaerocarpa**

stoloniferum (Steph.) S.W.Arnell = **Jungermannia borgenii**

SPHENOLOBUS (Lindb.) Berggr. 9724200

minutus (Schreb.) Berggr. = **Anastrophyllum minutum**

TRITOMARIA Schiffn. ex Loeske 9782800

(1) Vána. 1993. *Tropical Bryology* 8: 99–103.
(2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

exsecta (Schmidel) Loeske
Perennial. Bryophyte, epiphyte. Length 5–18 mm. Alt up to 2900 m. KZN

LEJEUNEACEAE

Compiled by S.M. Perold

ACANTHOCOLEUS R.M.Schust. 9721000

(1) Arnell. 1963. *Hepaticae of South Africa*: 227–229.
(2) Kruijt. 1988. *Bryophytorum Bibliotheca* 36: 62–104.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 11, 12.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 6.

aberrans (Lindenb. & Gottsche) Kruijt var. **laevis** Gradst.
Dicranolejeunea atra (Mitt.) Vanden Berghen (3)
Lejeunea atra Mitt. (3)
Perennial. Bryophyte, epiphyte. Length 10–30 mm. Alt 1200–1500 m. KZN

chrysophyllus (Lehm.) Kruijt
Dicranolejeunea chrysophylla (Lehm.) Grolle (2, 3)
Dicranolejeunea natalensis (Sim) S.W.Arnell (1)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 300–2100 m. KZN, L, EC

madagascariensis (Steph.) Kruijt
Dicranolejeunea madagascariensis Steph. (2, 3)
Perennial. Bryophyte. Length up to 10 mm. Alt ± 850 m. M

ANOMALOLEJEUNEA (Spruce) Schiffn. 9720100

pluriplicata (Pearson) Schiffn. = **Cheilolejeunea pluriplicata**

APHANOLEJEUNEA A.Evans 9720200

(1) Arnell. 1963. *Hepaticae of South Africa*: 171, 172.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 23, 24.

capensis (S.W.Arnell) S.W.Arnell
Cololejeunea capensis S.W.Arnell (1, 2)
Perennial. Bryophyte, occ. epiphyte. Length up to 3 mm. Alt 270–1200 m. M, WC

ARCHILEJEUNEA (Spruce) Schiffn. 9720300

(1) Arnell. 1963. *Hepaticae of South Africa*: 218, 219.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 25–27.

elobulata Steph.
Perennial. Bryophyte, epiphyte. Length up to 25 mm. Alt ± 180 m. EC

rotundistipula (Lindenb. ex Lehm.) Sim = **Leucolejeunea rotundistipula**

BRACHIOLEJEUNEA (Spruce) Schiffn. 9720400

(1) Arnell. 1963. *Hepaticae of South Africa*: 224–226.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 32, 33.

confertifolia Steph. = **Frullanoides tristis**

crenata Sim = **Frullanoides tristis**

phyllorhiza (Nees) Kruijt & Gradst.
Dicranolejeunea phyllorhiza (Nees) Schiffn. (1, 2)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 900–2100 m. LIM, KZN

tristis (Steph.) Steph. = **Frullanoides tristis**

CAUDALEJEUNEA (Steph.) Schiffn. 9720500

(1) Arnell. 1963. *Hepaticae of South Africa*: 236, 237.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 35–37.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

africana (Steph.) Steph.
Thysanantlus africanus (Sim) S.W.Arnell, illegitimate name (1, 2, 3)
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 1390 m. EC

hanningtonii (Mitt.) Schiffn.
Lejeunea hanningtonii Mitt. (2)
Perennial. Bryophyte, epiphyte. Length 40–50 mm. Alt ± 180 m. EC

CHEILOLEJEUNEA (Spruce) Schiffn. 9720600

(1) Arnell. 1963. *Hepaticae of South Africa*: 209–211.
(2) Jones. 1988. *Journal of Bryology* 15: 149–160.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 43–49.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 16.

convexa (S.W.Arnell) S.W.Arnell
Lejeunea convexa S.W.Arnell (1, 2)
Perennial. Bryophyte. Length up to 15 mm. Alt 900–1080 m. WC

inflata Steph. = **C. intertexta**

intertexta (Lindenb.) Steph.
C. inflata Steph. (2)
Lejeunea intertexta Lindenb. (2)
Perennial. Bryophyte. Length up to 20 mm. Alt 180–1480 m. KZN, EC

krakakammae (Lindenb.) R.M.Schust.
Lejeunea brevifissa Gottsche (2, 3)
Lejeunea krakakammae Lindenb. (2, 3)
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt 150–2100 m. M, KZN, EC

pluriplicata (Pearson) R.M.Schust.
Anomalolejeunea pluriplicata (Pearson) Schiffn. (2)
Lejeunea pluriplicata Pearson (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 280–620 m. WC

pocsii E.W.Jones
Perennial. Bryophyte. Length up to 14 mm. Alt up to 600 m. KZN

rufescens (Lindenb.) Grolle
Perennial. Bryophyte. Length? Alt? WC

COLOLEJEUNEA (Spruce) Schiffn. 9720800

(1) Arnell. 1963. *Hepaticae of South Africa*: 166–171.
(2) Perold. 1992. *Bothalia* 22: 177–182.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 51–62.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

capensis S.W.Arnell = **Aphanolejeunea capensis**

cardiocarpa (Mont.) A.Evans
Lejeunea cardiocarpa Mont. (3)
Leptocolea cardiocarpa (Mont.) A.Evans (3)
Leptocolea cristata (Steph.) E.W.Jones var. *lanciloba* S.W.Arnell, misapplied name (3)
Perennial. Bryophyte, epiphyte. Length up to 6 mm. Alt 400–1390 m. S, EC

dissita E.W.Jones = **C. minutissima** subsp. **myriocarpa**

minutissima (Sm.) Schiffn. subsp. **minutissima**
Lejeunea minutissima (Sm.) Spreng., illegitimate name (3)
Perennial. Bryophyte. Length 1–3 mm. Alt 600–1500 m. KZN

minutissima (Sm.) Schiffn. subsp. **myriocarpa** (Nees & Mont.) R.M.Schust.
C. dissita E.W.Jones (3)
C. myriantha (Herzog) S.W.Arnell (3)
C. myriocarpa (Nees & Mont.) C.Massal. (3)
Perennial. Bryophyte, epiphyte. Length 1–5 mm. Alt 300–1700 m. M, KZN, L

mocambiquensis S.W.Arnell
Perennial. Bryophyte, epiphyte. Length up to 2 mm. Alt 1200–1580 m. LIM, EC

myriantha (Herzog) S.W.Arnell = **C. minutissima** subsp. **myriocarpa**

myriocarpa (Nees & Mont.) C.Massal. = **C. minutissima** subsp. **myriocarpa**

occidentalis (E.W.Jones) Vanden Berghen
Leptocolea cristata (Steph.) E.W.Jones var. *occidentalis* E.W.Jones (3)
Perennial. Bryophyte. Length? Alt? Distr.?

oleana Sim
Perennial. Bryophyte, epiphyte. Length 5–12 mm. Alt ± 370 m. EC

COLURA (Dumort.) Dumort. 9720900

(1) Arnell. 1963. *Hepaticae of South Africa*: 176–178.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 62–64.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 21, 22.

calyptrifolia (Hook.) Dumort.
Lejeunea calyptrifolia (Hook.) Spreng., illegitimate name (4)
Perennial. Bryophyte. Length 2–4 mm. Alt ± 1790 m. M, S, KZN

calyptrifolia (Hook.) Dumort. subsp. *tenuicornis* (A.Evans) Vanden Berghen = **C. tenuicornis**

tenuicornis (A.Evans) Steph.
C. calyptrifolia (Hook.) Dumort. subsp. *tenuicornis* (A.Evans) Vanden Berghen (2)
Perennial. Bryophyte, epiphyte. Length up to 2 mm. Alt ± 1200 m. KZN

DICRANOLEJEUNEA Steph. 9721000

atra (Mitt.) Vanden Berghen = **Acanthocoleus aberrans** var. **laevis**

chrysophylla (Lehm.) Grolle = **Acanthocoleus chrysophyllus**

madagascariensis Steph. = **Acanthocoleus madagascariensis**

natalensis (Sim) S.W.Arnell = **Acanthocoleus chrysophyllus**

phyllorhiza (Nees) Schiffn. = **Brachiolejeunea phyllorhiza**

DIPLASIOLEJEUNEA (Spruce) Schiffn. 9721100

(1) Arnell. 1963. *Hepaticae of South Africa*: 163–166.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 68–70.

brachyclada A.Evans = **D. cavifolia**

cavifolia Steph.
D. brachyclada A.Evans (2)
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 1200 m. KZN

kraussiana (Lindenb.) Steph.
Lejeunea kraussiana Lindenb. in Gottsche, Lindenb. & Nees (1, 2)
Perennial. Bryophyte, epiphyte. Length up to 5 mm. Alt 620–1030 m. WC

DREPANOLEJEUNEA (Spruce) Schiffn. 9721200

(1) Arnell. 1963. *Hepaticae of South Africa*: 178–182.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 71–74.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 24.

capensis Steph. = **D. hamatifolia**

hamatifolia (Hook.) Schiffn.
D. capensis Steph. (2)
Perennial. Bryophyte; epiphyte. Length up to 10 mm. Alt 280–1750 m. M, KZN, WC

papillosa S.W.Arnell
Perennial. Bryophyte, epiphyte. Length up to 7 mm. Alt ± 500 m. WC

physaefolia (Gottsche) Steph.
D. vesiculosa (Mitt.) Steph. (3)
Perennial. Bryophyte, epiphyte. Length up to 3 mm. Alt 1200–1500 m. LIM, KZN

vesiculosa (Mitt.) Steph. = **D. physaefolia**

EULEJEUNEA Steph. 9721250

caespitosa (Lindenb.) Steph. = **Lejeunea caespitosa**

FRULLANOIDES Raddi 9721300

(1) Arnell. 1963. *Hepaticae of South Africa*: 224–226.
(2) Van Slageren. 1985. *Mededelingen van het Botanisch Museum en Herbarium van de Rijksuniversiteit te Utrecht* 544: 76–126.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 94.

tristis (Steph.) Van Slageren
Brachiolejeunea confertifolia Steph. (2, 3)
Brachiolejeunea crenata Sim (1, 3)
Brachiolejeunea tristis (Steph.) Steph. (2, 3)
Perennial. Bryophyte, epiphyte. Length 10–25 mm. Alt 900–1500 m. LIM, KZN, EC

INFLATOLEJEUNEA S.W.Arnell 9721400

capensis (Gottsche) S.W.Arnell = **Lejeunea capensis**

LEJEUNEA Lib. 9721500

(1) Arnell. 1963. *Hepaticae of South Africa*: 184–194, 198–208.
(2) Grolle. 1977. *Journal of Bryology* 9: 529–538.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 112–127.
(4) Hodgetts *et al*. 1999. *Journal of Bryology* 21: 143.
(5) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 37–43.

africana (Steph.) Steph. = **Microlejeunea africana**

arnelliana R.M.Schust. = **L. villaumei**

atra Mitt. = **Acanthocoleus aberrans** var. **laevis**

brevifissa Gottsche = **Cheilolejeunea krakakammae**

brittoniae (A.Evans) Grolle = **L. phyllobola**

caespitosa Lindenb.
Eulejeunea caespitosa (Lindenb.) Steph. (3)
Perennial. Bryophyte, epiphyte. Length up to 15 mm. Alt 300–1800 m. M, KZN, WC, EC

calyptrifolia (Hook.) Spreng., illegitimate name = **Colura calyptrifolia**

capensis Gottsche
Inflatolejeunea capensis (Gottsche) S.W.Arnell (1, 3, 5)
Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt 260–2400 m. LIM, KZN, L, WC

cardiocarpa Mont. = **Cololejeunea cardiocarpa**

conformis Nees & Mont. = **Taxilejeunea conformis**

convexa S.W.Arnell = **Cheilolejeunea convexa**

duncaniae (Sim) S.W.Arnell
Stylolejeunea duncaniae Sim (1)
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt 180–225 m. KZN, EC

eckloniana Lindenb. in Gottsche, Lindenb. & Nees
L. microlobulata S.W.Arnell (1, 3)
L. wilmsii (Steph.) Steph. (1, 3)
Perennial. Bryophyte, epiphyte. Length up to 8 mm. Alt 200–2900 m. LIM, KZN, L, WC, EC

expansa (Steph.) Steph. = **L. tabularis**

flava (Sw.) Nees, not in *FSA* region (5)

hanningtonii Mitt. = **Caudalejeunea hanningtonii**

helenae Pearson
Microlejeunea helenae (Pearson) Sim (3)
Perennial. Bryophyte, epiphyte. Length up to 8 mm. Alt 180–1750 m. LIM, KZN, EC

intertexta Lindenb. = **Cheilolejeunea intertexta**

isomorpha Gottsche, name confused in southern African plants with **L. isophylla** (3)

isophylla E.W.Jones
Perennial. Bryophyte, epiphyte. Length up to 3 mm. Alt 1480–1600 m. M

krakakammae Lindenb. = **Cheilolejeunea krakakammae**

kraussiana Lindenb. in Gottsche, Lindenb. & Nees = **Diplasiolejeunea kraussiana**

letabaensis S.W.Arnell = **L. rhodesiae**

microlobulata S.W.Arnell = **L. eckloniana**

minutissima (Sm.) Spreng., illegitimate name = **Cololejeunea minutissima** subsp. **minutissima**

nigricans Lindenb. = **Lopholejeunea nigricans**

phyllobola Nees & Mont.
L. brittoniae (A.Evans) Grolle (5)
Rectolejeunea arnellii E.W.Jones (3)
Perennial. Bryophyte, epiphyte. Length ± 5 mm. Alt ± 280 m. WC

pluriplicata Pearson = **Cheilolejeunea pluricata**

rhodesiae (Sim) R.M.Schust.
L. letabaensis S.W.Arnell (3)
Rectolejeunea rhodesiae (Sim) S.W.Arnell (3)
Perennial. Bryophyte, epiphyte. Length up to 12 mm. Alt 180–2400 m. LIM, KZN, L, WC, EC

rotundistipula (Lindenb. ex Lehm.) Mont. = **Leucolejeunea rotundistipula**

subfusca (Nees) Nees & Mont. = **Lopholejeunea subfusca**

tabularis (Spreng.) Gottsche
L. expansa (Steph.) Steph. (3)
Perennial. Bryophyte, epiphyte. Length up to 3 mm. Alt 1200–2300 m. M, KZN, L

unciloba Lindenb. in Gottsche, Lindenb. & Nees = **Leucolejeunea unciloba**

villaumei (Steph.) Grolle
L. arnelliana R.M.Schust. (3)
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt 200–1090 m. WC

wilmsii (Steph.) Steph. = **L. eckloniana**

xanthocarpa (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees = **Leucolejeunea xanthocarpa**

LEPTOCOLEA (Spruce) A.Evans 9721600

cardiocarpa (Mont.) A.Evans = **Cololejeunea cardiocarpa**

cristata (Steph.) E.W.Jones var. *lanciloba* S.W.Arnell, misapplied name = **Cololejeunea cardiocarpa**

cristata (Steph.) E.W.Jones var. *occidentalis* E.W.Jones = **Cololejeunea occidentalis**

LEUCOLEJEUNEA A.Evans 9721700

(1) Arnell. 1963. *Hepaticae of South Africa*: 220–222.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 136, 137.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

capensis S.W.Arnell = **L. xanthocarpa**

rotundistipula (Lindenb. ex Lehm.) A.Evans
Archilejeunea rotundistipula (Lindenb. ex Lehm.) Sim (1)
Lejeunea rotundistipula (Lindenb. ex Lehm.) Mont. (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 500–2400 m. KZN, L, WC, EC

unciloba (Lindenb.) A.Evans
Lejeunea unciloba Lindenb. in Gottsche, Lindenb. & Nees (2)
Perennial. Bryophyte, epiphyte. Length up to 15 mm. Alt 620–1190 m. KZN, WC

xanthocarpa (Lehm. & Lindenb.) A.Evans
L. capensis S.W.Arnell (1, 2)
Lejeunea xanthocarpa (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees (2)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 500–1330 m. LIM, KZN, WC, EC

LOPHOLEJEUNEA (Spruce) Schiffn. 9721800

(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 54, 55.
(2) Arnell. 1963. *Hepaticae of South Africa*: 213–215.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 142–145.

fragilis Steph. = **L. nigricans**

nigricans (Lindenb.) Schiffn.
Lejeunea nigricans Lindenb. (3)
L. fragilis Steph. (3)
L. palustris (Sim) S.W.Arnell (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 35 mm. Alt 950–2450 m. M, KZN

palustris (Sim) S.W.Arnell = **L. nigricans**

subfusca (Nees) Schiffn.
Lejeunea subfusca (Nees) Nees & Mont. (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 40 mm. Alt 1850–1960 m. KZN

MARCHESINIA Gray 9721900

madagassa Steph., not in *FSA* region

MICROLEJEUNEA Steph. 9722100

(1) Arnell. 1963. *Hepaticae of South Africa*: 195–197.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 161–163.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

africana Steph.
Lejeunea africana (Steph.) Steph. (2)
Perennial. Bryophyte, epiphyte. Length up to 12 mm. Alt 180–2900 m. KZN, L, WC, EC

helenae (Pearson) Sim = **Lejeunea helenae**

PHRAGMILEJEUNEA R.M.Schust. 9722200

molleri (Steph.) R.M.Schust. = **Schiffneriolejeunea polycarpa**

pappeana (Nees) R.M.Schust. = **Schiffneriolejeunea pappeana**

PTYCHANTHUS Nees 9722400

(1) Arnell. 1963. *Hepaticae of South Africa*: 215–218.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 194–195.

dioicus (Sim) S.W.Arnell = **P. striatus**

striatus (Lehm. & Lindenb.) Nees
P. dioicus (Sim) S.W.Arnell (2)
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt 900–2450 m. LIM, M, S, KZN, WC, EC

RECTOLEJEUNEA A.Evans 9722600

arnellii E.W.Jones = **Lejeunea phyllobola**

rhodesiae (Sim) S.W.Arnell = **Lejeunea rhodesiae**

SCHIFFNERIOLEJEUNEA Verd. 9782500

(1) Arnell. 1963. *Hepaticae of South Africa*: 232–234.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 218–220.

pappeana (Nees) Gradst.
Phragmilejeunea pappeana (Nees) R.M.Schust. (2)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 490–1200 m. WC, EC

polycarpa (Nees) Gradst.
Phragmilejeunea molleri (Steph.) R.M.Schust. (2)
Perennial. Bryophyte, epiphyte. Length 10–30 mm. Alt 180–900 m. KZN, WC, EC

STYLOLEJEUNEA Sim 9722800

duncaniae Sim = **Lejeunea duncaniae**

TAXILEJEUNEA (Spruce) Schiffn. 9722900

(1) Arnell. 1963. *Hepaticae of South Africa*: 182–184.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 228, 229.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.

conformis (Nees & Mont.) Steph.
Lejeunea conformis Nees & Mont. (1, 2)
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt 490–1500 m. KZN, WC

vallis-gratiae Steph.
Perennial. Bryophyte, epiphyte. Length up to 40 mm. Alt 500–2300 m. G, KZN, L, WC, EC

THYSANANTHUS Lindenb. 9723000

africanus (Sim) S.W.Arnell, illegitimate name = **Caudalejeunea africana**

LEPICOLEACEAE

Compiled by S.M. Perold

LEPICOLEA Dumort. 9732700

(1) Arnell. 1963. *Hepaticae of South Africa*: 368, 369.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 127.

ochroleuca (Spreng.) Spruce
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 600–1700 m. WC

LEPIDOZIACEAE

Compiled by S.M. Perold

ACROMASTIGUM A.Evans 9731400

(1) Arnell. 1963. *Hepaticae of South Africa*: 383, 384.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 14.

exile (Lindenb.) A.Evans
Bazzania pellucida Sim (1, 2)
Perennial. Bryophyte. Length up to 60 mm. Alt 450–1390 m. WC, EC

ARACHNIOPSIS Spruce 9731500

(1) Arnell. 1963. *Hepaticae of South Africa*: 385–387.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 24, 25.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

coactilis Spruce = **A. diacantha**

diacantha (Mont.) M.Howe
A. coactilis Spruce (1, 2)
Telaranea sejuncta (Ångstr.) S.W.Arnell (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 300–1200 m. LIM, KZN, WC, EC

BAZZANIA Gray 9731600

(1) Arnell. 1963. *Hepaticae of South Africa*: 387–392.
(2) Jones. 1975. *Journal of Bryology* 8: 299–316.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 30–32.

borbonica (Steph.) Steph. = **B. praerupta**

convexa (Lindenb.) Trevis. = **B. nitida**

decrescens (Lehm. & Lindenb.) Trevis.
B. fusca Steph. (3)
Perennial. Bryophyte. Length up to 20 mm. Alt 1350–1580 m. M, S

fusca Steph. = **B. decrescens**

nitida (F.Weber) Grolle
B. convexa (Lindenb.) Trevis. (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 500–1350 m. M, KZN, WC, EC

pellucida Sim = **Acromastigum exile**

praerupta (Reinw., Blume & Nees) Trevis.
B. borbonica (Steph.) Steph. (3)
Perennial. Bryophyte. Length 30–60 mm. Alt ± 1850 m. M

HYALOLEPIDOZIA S.W.Arnell ex Grolle 9731700

bicuspidata (C.Massal.) S.W.Arnell ex Grolle = **Paracromastigum tristanianum**

KURZIA G.Martens 9731800

(1) Arnell. 1963. *Hepaticae of South Africa*: 374–378.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 111, 112.

capillaris (Sw.) Grolle subsp. **capillaris** var. **capillaris**
Lepidozia capillaris (Sw.) Lindenb. (2)
Microlepidozia tabularis (Steph.) S.W.Arnell (1)
Perennial. Bryophyte. Length up to 40 mm. Alt 300–1250 m. WC

irregularis (Steph.) Grolle
Lepidozia irregularis Steph. (1, 2)
Perennial. Bryophyte. Length up to 50 mm. Alt ± 1250 m. WC

LEPIDOZIA Dumort. 9731900

(1) Arnell. 1963. *Hepaticae of South Africa*: 378–383.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 127–131.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 43, 44.

bicuspidata C.Massal. = **Paracromastigum tristanianum**

capillaris (Sw.) Lindenb. = **Kurzia capillaris** subsp. **capillaris** var. **capillaris**

cupressina (Sw.) Lindenb. subsp. **cupressina**
L. truncatella Nees (1)
Perennial. Bryophyte. Length up to 50 mm. Alt 260–3090 m. LIM, L, WC, EC

cupressina (Sw.) Lindenb. subsp. **natalensis** (Steph.) Pócs
L. natalensis Steph. (1)
Perennial. Bryophyte. Length up to 25 mm. Alt 180–900 m. WC, EC

hyalina Steph. = **L. pearsonii**

irregularis Steph. = **Kurzia irregularis**

natalensis Steph. = **L. cupressina** subsp. **natalensis**

nematodes (Gottsche ex Austin) Spruce = **Telaranea nematodes**

pearsonii Spruce
L. hyalina Steph. (2)
Perennial. Bryophyte. Length up to 60 mm. Alt ± 2100 m. KZN

spinosa S.W.Arnell = **Psiloclada clandestina**

stuhlmannii Steph. subsp. **stuhlmannii**
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 1800–2600 m. LIM, KZN

succulenta Sim = **Paracromastigum succulentum**

truncatella Nees = **L. cupressina** subsp. **cupressina**

MICROLEPIDOZIA Spruce 9732000

succulenta (Sim) S.W.Arnell = **Paracromastigum succulentum**

tabularis (Steph.) S.W.Arnell = **Kurzia capillaris** subsp. **capillaris** var. **capillaris**

PARACROMASTIGUM Fulford & J.Taylor 9732300

(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 90.
(2) Engel & Smith Merrill. 2001. *The Bryologist* 104: 151–153.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 53, 55, 73.

succulentum (Sim) J.J.Engel & G.L.S.Merr.
Lepidozia succulenta Sim (2)
Microlepidozia succulenta (Sim) S.W.Arnell (2)
Telaranea succulenta (Sim) Grolle (3)
Perennial. Bryophyte. Length 20–40 mm. Alt ± 770 m. WC

tristanianum (R.M.Schust.) R.M.Schust.
Hyalolepidozia bicuspidata (C.Massal.) S.W.Arnell ex Grolle (3)
Lepidozia bicuspidata C.Massal. (3)
Perennial. Bryophyte. Length up to 15 mm. Alt ± 900 m. WC

PSILOCLADA Mitt. 9732100

(1) Arnell. 1963. *Hepaticae of South Africa*: 384, 385.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 194.

clandestina Mitt.
Lepidozia spinosa S.W.Arnell (1)
Perennial. Bryophyte, occ. epiphyte. Length up to 25 mm. Alt 260–1710 m. G, M, WC

TELARANEA Spruce 9732200

(1) Arnell. 1963. *Hepaticae of South Africa*: 372–374.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 229, 230.
(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

nematodes (Gottsche ex Austin) M.Howe
Lepidozia nematodes (Gottsche ex Austin) Spruce (2)
Perennial. Bryophyte. Length up to 14 mm. Alt 370–1600 m. LIM, NW, M, S, KZN, WC, EC

sejuncta (Ångstr.) S.W.Arnell = **Arachniopsis diacantha**

succulenta (Sim) Grolle = **Paracromastigum succulentum**

LUNULARIACEAE

Compiled by S.M. Perold

LUNULARIA Adans. 9711500

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 21–25.

cruciata (L.) Dumort. ex Lindb.
Perennial. Bryophyte. Length 40–55 mm. Alt 30–1640 m. G, M, KZN, WC, EC

MARCHANTIACEAE

Compiled by S.M. Perold

DUMORTIERA Nees 9713100

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 103–107.

hirsuta (Sw.) Nees
Perennial, occ. annual. Bryophyte. Length up to 200 mm. Alt 200–1800 m. LIM, NW, M, S, KZN, WC, EC

MARCHANTIA L. 9713200

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 82–101.

berteroana Lehm. & Lindenb.
M. contracta Bisch. (1)
M. tabularis Nees (1)
Perennial. Bryophyte. Length up to 20 mm. Alt 30–1545 m. LIM, M, KZN, WC, EC

contracta Bisch. = **M. berteroana**

debilis K.I.Goebel
Perennial. Bryophyte. Length 5–12 mm. Alt 120–2100 m. LIM, G, M, S, FS, KZN, L, EC

paleacea Bertol.
Perennial. Bryophyte. Length up to 15 mm. Alt ± 1200 m. M

pappeana Lehm. subsp. **pappeana**
M. parviloba Steph. (1)
M. planiloba Steph. (1)
M. wilmsii Steph. (1)
Perennial. Bryophyte. Length 10–15 mm. Alt 250–2150 m. LIM, G, M, S, FS, KZN, L

parviloba Steph. = **M. pappeana** subsp. **pappeana**

planiloba Steph. = **M. pappeana** subsp. **pappeana**

***polymorpha** L. subsp. **ruderalis** Bischl. & Boisselier
Perennial. Bryophyte. Length up to 35 mm. Alt? G (cultivated only)

tabularis Nees = **M. berteroana**

wilmsii Steph. = **M. pappeana** subsp. **pappeana**

METZGERIACEAE

Compiled by S.M. Perold

METZGERIA Raddi 9717400

(1) Arnell. 1963. *Hepaticae of South Africa*: 99–106.
(2) Kuwahara. 1986. *Bryophytorum Bibliotheca* 28: 13–228.
(3) Piippo. 1991. *Acta Botanica Fennica* 143: 1–22.
(4) Pócs. 1993. *Tropical Bryology* 8: 105–108.
(5) Grolle. 1995. *Bryophytorum Bibliotheca* 48: 102, 103.
(6) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 157–161.
(7) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.
(8) Veltman *et al.* 2000. *South African Journal of Botany* 66: 112–114.
(9) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 51, 52.

africana Steph., to be clarified (9)

agnewii Kuwah.
Perennial. Bryophyte, occ. epiphyte. Length 4–8 mm. Alt 1500–2400 m. KZN, L

australis Steph.
M. madagassa Steph., illegitimate name (5)
M. thomeensis Steph. (5)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt ± 540 m. EC

brunnthaleri Steph. = **M. nudifrons**

capensis S.W.Arnell = **M. decipiens**

conjugata Lindb.
Perennial. Bryophyte, occ. epiphyte. Length 10–40 mm. Alt? Distr.?

consanguinea Schiffn.
Perennial. Bryophyte, occ. epiphyte. Length 8–20 mm. Alt up to 2400 m. L

corralensis Steph. (presence in *FSA* region doubtful)

decipiens (C.Massal.) Schiffn.
M. capensis S.W.Arnell (6)
M. perrotana Steph. (6)
Perennial. Bryophyte, epiphyte. Length 10–20 mm. Alt 180–1050 m. WC, EC

elliotii Steph.
M. latifrons Steph. (1)
Perennial. Bryophyte, occ. epiphyte. Length 10–20 mm. Alt 260–1800 m. KZN, WC

latifrons Steph. = **M. elliotii**

leptoneura Spruce, not in *FSA* region (6, 9)

limbato-setosa Steph.
Perennial. Bryophyte, epiphyte. Length 20–40 mm. Alt 300–1850 m. KZN, WC, EC

madagassa Steph., illegitimate name = **M. australis**

nicomariei Veltman, Potgieter & A.E.van Wyk
Perennial. Bryophyte, epiphyte. Length 1.2–1.5 mm. Alt ± 680 m. M

nudifrons Steph.
M. brunnthaleri Steph. (1)
Perennial. Bryophyte, epiphyte. Length 20–40 mm. Alt 225–2150 m. LIM, KZN, L, WC, EC

perrotana Steph. = **M. decipiens**

quadrifaria Steph.
Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt up to 2950 m. L

saxbyi Pearson
Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm. Alt 625–770 m. S, WC

tabularis Steph.
Perennial. Bryophyte. Length up to 30 mm. Alt 300–1950 m. M, KZN, WC

thomeensis Steph. = **M. australis**

violacea (Ach.) Dumort.
Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt ± 1200 m. KZN

MONOCARPACEAE

Compiled by S.M. Perold

MONOCARPUS D.J.Carr 9714900

(1) Carr. 1956. *Australian Journal of Botany* 4: 175–191.
(2) Perold. 1999. *Bothalia* 29: 225–230.

sphaerocarpus D.J.Carr
Carrpos sphaerocarpos (D.J.Carr) Prosk. (2)
Annual. Bryophyte. Ht up to 1.6 mm. Alt ± 530 m. WC

CARRPOS Prosk. 9714800

sphaerocarpos (D.J.Carr) Prosk. = **Monocarpus sphaerocarpus**

OXYMITRACEAE

Compiled by S.M. Perold

OXYMITRA Bisch. 9713700

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 108–111.

cristata Garside ex Perold
Perennial. Bryophyte. Length up to 12 mm. Alt 1280–1960 m. N, FS, NC, EC

PALLAVICINIACEAE

Compiled by S.M. Perold

JENSENIA Lindb. 9717900

(1) Perold. 1993. *Bothalia* 23: 223–229.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 104.

spinosa (Lindenb. & Gottsche) Grolle
J. stephanii (J.B.Jack) E.W.Jones (1)
Pallavicinia stephanii J.B.Jack (2)
Symphyogyna spinosa Lindenb. & Gottsche (2)
Perennial. Bryophyte. Length up to 15 mm. Alt ± 1500 m. M

stephanii (J.B.Jack) E.W.Jones = **J. spinosa**

PALLAVICINIA Gray 9718000

(1) Perold. 1993. *Bothalia* 23: 15–23.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 168, 169.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

lyellii (Hook.) Carruth.
P. pilifera Steph. (1, 2)
Perennial. Bryophyte. Length up to 60 mm. Alt 280–2000 m. LIM, NW, M, KZN, L, WC

pilifera Steph. = **P. lyellii**

stephanii J.B.Jack = **Jensenia spinosa**

SYMPHYOGYNA Nees & Mont. 9718100

(1) Perold. 1992. *Bothalia* 22: 53–58.
(2) Perold. 1993. *Bothalia* 23: 15–23.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 224–226.

brasiliensis Nees & Mont.
S. lehmanniana Mont. & Nees in Gottsche, Lindenb. & Nees (1, 3)
Perennial. Bryophyte. Length 10–20 mm. Alt 280–2100 m. LIM, G, M, S, KZN, WC, EC

harveyana Taylor = **S. podophylla**

lehmanniana Mont. & Nees in Gottsche, Lindenb. & Nees = **S. brasiliensis**

podophylla (Thunb.) Mont. & Nees
S. harveyana Taylor (2, 3)
S. rhizobola (Schwägr.) Nees (2, 3)
Perennial. Bryophyte. Length up to 15 mm. Alt 60–2000 m. LIM, NW, M, S, KZN, WC, EC

rhizobola (Schwägr.) Nees = **S. podophylla**

spinosa Lindenb. & Gottsche = **Jensenia spinosa**

PLAGIOCHILACEAE

Compiled by S.M. Perold

PLAGIOCHILA (Dumort.) Dumort. 9726700

(1) Jones. 1962. *Transactions of the British Bryological Society* 4: 254–325.
(2) Arnell. 1963. *Hepaticae of South Africa*: 243–261.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 174–190.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

capensis Steph. = **P. kiaeri** var. **capensis**

corniculata of author, not of Dumort., illegitimate name = **P. exigua**

corymbulosa Pearson = **P. heterostipa**

crispulo-caudata Gottsche = **P. squamulosa** var. **crispulo- caudata**

divergens Steph. var. *capensis* (Steph.) E.W.Jones = **P. kiaeri** var. **capensis**

esterhuysenii S.W.Arnell = **P. squamulosa** var. **crispulo-caudata**

exigua (Taylor) Taylor
P. corniculata of author, not of Dumort., illegitimate name (3)
P. lophophora R.M.Schust. (3)
Perennial. Bryophyte. Length up to 20 mm. Alt 600–2900 m. KZN, L

fuscovirens Steph. = **P. squamulosa** var. **crispulo-caudata**

haumannii Herzog
Perennial. Bryophyte. Length? Alt 600–900 m. WC

heterostipa Steph.
P. corymbulosa Pearson (1)
P. natalensis Pearson (1)
Perennial. Bryophyte, oec. epiphyte. Length 30–50 mm. Alt 500–1800 m. LIM, M, S, KZN, WC, EC

injasutiensis S.W.Arnell, not accepted (3)

kiaeri Gottsche var. **capensis** (Steph.) E.W.Jones
P. capensis Steph. (3)
P. divergens Steph. var. *capensis* (Steph.) E.W.Jones (3)
Perennial. Bryophyte, oec. epiphyte. Length 40–80 mm. Alt 600–1750 m. LIM, M, KZN, L, WC

knysnana S.W.Arnell = **Leptoscyphus expansus**

lastii Mitt.
P. sprengeri Steph. (1)
Perennial. Bryophyte, epiphyte. Length 60–80 mm. Alt 900–1500 m. G, KZN, WC, EC

lophophora R.M.Schust. = **P. exigua**

lunata S.W.Arnell
Perennial. Bryophyte. Length up to 20 mm. Alt 650–3200 m. L, WC

natalensis Pearson = **P. heterostipa**

pseudo-attenuata S.W.Arnell
P. subalpina Steph., illegitimate name (3)
Perennial. Bryophyte. Length up to 20 mm. Alt 920–3200 m. KZN, L, WC

sarmentosa (Lehm.) Lindenb.
Perennial. Bryophyte. Length 40–60 mm. Alt 300–1700 m. WC

sprengeri Steph. = **P. lastii**

squamulosa Mitt. var. **crispulo-caudata** (Gottsche) Vanden Berghen
P. crispulo-caudata Gottsche (3)
P. esterhuysenii S.W.Arnell (3)

P. fuscovirens Steph. (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt 250–2450 m. LIM, M, KZN, L, WC, EC

subalpina Steph., illegitimate name = **P. pseudo-attenuata**

terebrans Nees & Mont. ex Lindenb.
P. thomeensis Steph. (3)
Perennial. Bryophyte, epiphyte. Length up to 100 mm. Alt ± 600 m. KZN

thomeensis Steph. = **P. terebrans**

wilmsiana Steph.
Perennial. Bryophyte, occ. epiphyte. Length up to 15 mm. Alt 620–1000 m. WC

PORELLACEAE

Compiled by S.M. Perold

MADOTHECA Dumort. 9719110

capensis Gottsche in Gottsche, Lindenb. & Nees = **Porella capensis**

matongae Herzog = **Porella vallis-gratiae**

vallis-gratiae Gottsche ex Steph. = **Porella vallis-gratiae**

PORELLA L. 9719100

(1) Arnell. 1963. *Hepaticae of South Africa*: 127–131.
(2) Jones. 1963. *Transactions of the British Bryological Society* 4: 446–461.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 191–193.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

abyssinica var. **hoehnelii** (Steph.) Pócs
P. hoehnelii Steph. (3)
Perennial. Bryophyte, epiphyte. Length up to 80 mm. Alt? KZN

capensis (Gottsche) Mitt.
Madotheca capensis Gottsche in Gottsche, Lindenb. & Nees (1, 2, 3)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 370–2100 m. LIM, KZN, EC

hoehnelii Steph. = **P. abyssinica** var. **hoehnelii**

vallis-gratiae (Gottsche) S.W.Arnell
Madotheca matongae Herzog (3)
Madotheca vallis-gratiae Gottsche ex Steph. (1, 2, 3)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 300–1750 m. KZN, WC

RADULACEAE

Compiled by S.M. Perold

RADULA Dumort. 9718600

(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 71.
(2) Arnell. 1963. *Hepaticae of South Africa*: 116–126.
(3) Jones. 1977. *Journal of Bryology* 9: 461–504.
(4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 197–202.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144, 145.
(6) Grolle. 2001. *Haussknechtia* 8: 59–69.

ankefinensis Gottsche
R. holstiana Steph. (6)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 500–1450 m. LIM, M, S, KZN, WC, EC

boryana (F.Weber) Nees
R. tamariscina Mitt. (6)
R. thomeensis Steph. (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 600–2100 m. LIM, M, KZN, WC, EC

capensis Steph. = **R. lindenbergiana**

commutata Gottsche = **R. lindenbergiana**

comorensis Steph.
Perennial. Bryophyte. Length up to 40 mm. Alt ± 2400 m. L

delessertii Steph. = **R. voluta**

fulvifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
R. meyeri Steph. (6)
Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt 920–1200 m. M, WC, EC

holstiana Steph. = **R. ankefinensis**

lindenbergiana Gottsche
R. capensis Steph. (4)
R. commutata Gottsche (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 200–2100 m. S, KZN, L, WC, EC

macroloba Steph. = **R. voluta**

meyeri Steph. = **R. fulvifolia**

quadrata Gottsche
R. recurvifolia Steph. (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt ± 2100 m. KZN

recurvifolia Steph. = **R. quadrata**

stenocalyx Mont.
R. tubiflora Steph., as '*tubaeflora*' (2)
R. vaginata Steph. (1, 2)
Perennial. Bryophyte, occ. epiphyte. Length 20–30 mm. Alt 620–1390 m. KZN, WC, EC

stipatiflora Steph. = **R. voluta**

tabularis Steph.
Perennial. Bryophyte, occ. epiphyte. Length up to 40 mm. Alt 500–1000 m. WC

tamariscina Mitt. = **R. boryana**

thomeensis Steph. = **R. boryana**

tubiflora Steph., as '*tubaeflora*' = **R. stenocalyx**

vaginata Steph. = **R. stenocalyx**

voluta Taylor ex Gottsche, Lindenb. & Nees
R. delessertii Steph. (6)
R. macroloba Steph. (6)
R. stipatiflora Steph. (6)
Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt 1120–2150 m. M, KZN, EC

RICCIACEAE

Compiled by S.M. Perold

RICCIA L. 9714200

(1) Perold. 1989. *Journal of the Hattori Botanical Laboratory* 67: 109–201.
(2) Perold. 1999. *FSA* Hepatophyta 1,1: 115–240.
(3) Jovet-Ast. 2000. *Cryptogamie, Bryologie* 21: 289–343.
(4) Perold. 2001. *Bothalia* 31: 151–154.
(5) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 66–69.

abnormis (Steph.) Steph. = **R. moenkemeyeri**

africana Sim = **R. crozalsii**

alatospora O.H.Volk & Perold
Annual. Bryophyte. Length 3.5–5 mm. Alt ± 260 m. WC

albolimbata S.W.Arnell
R. albosquamata S.W.Arnell (2)
Perennial. Bryophyte. Length up to 8 mm. Alt 275–2250 m. N, LIM, NW, G, M, FS, KZN, NC, EC

albomarginata Bisch.
Annual. Bryophyte. Length 5–7 mm. Alt 180–1110 m. NC, WC

alboporosa Perold
Annual. Bryophyte. Length up to 7 mm. Alt 570–640 m. NC, WC

albornata O.H.Volk & Perold
Perennial. Bryophyte. Length up to 12 mm. Alt 390–1280 m. NC, WC, EC

albosquamata S.W.Arnell = **R. albolimbata**

albovestita O.H.Volk
R. duthieae O.H.Volk & Perold (2)
R. sarcosa O.H.Volk & Perold (2)
Perennial. Bryophyte. Length up to 10 mm. Alt 780–1760 m. N, LIM, NW, G, M, FS, L, WC, EC

ampullacea Perold
Annual. Bryophyte. Length up to 8 mm. Alt 2000–3000 m. FS, KZN, L, EC

angolensis Steph.
R. pseudolimbata S.W.Arnell (2)
Perennial. Bryophyte. Length up to 12 mm. Alt 870–1760 m. N, B, G, M, FS, KZN, L, WC

argenteolimbata O.H.Volk & Perold
Perennial. Bryophyte. Length 2–7 mm. Alt 420–1305 m. N, B, LIM, NW, FS, NC

atropurpurea Sim
Perennial. Bryophyte. Length 5–10 mm. Alt 385–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

berriei E.W.Jones = **R. congoana**

bicolorata Perold
Annual. Bryophyte. Length up to 5 mm. Alt 180–1490 m. NC, WC

bullosa Link ex Lindenb.
R. montaguensis S.W.Arnell (2)
Annual. Bryophyte. Length 5–15 mm. Alt 15–3100 m. KZN, L, NC, WC, EC

campbelliana M.Howe = **R. macrocarpa**

canescens Steph. = **R. crinita**

capensis Steph. = **R. limbata**

cavernosa Hoffm. emended Raddi
R. rautanenii Steph. (2)
Annual. Bryophyte. Length up to 8 mm. Alt 30–1825 m. N, B, LIM, NW, M, FS, KZN, L, NC, WC, EC

compacta Garside
Annual. Bryophyte. Length up to 8 mm. Alt 40–180 m. WC

concava Bisch.
Annual. Bryophyte. Length 6–10 mm. Alt 130–1340 m. NC, WC, EC

congoana Steph.
R. berriei E.W.Jones (2)
R. nigrosquamata E.W.Jones (2)
R. rhodesiae S.W.Arnell (2)
Perennial. Bryophyte. Length up to 15 mm. Alt 100–1740 m. N, B, LIM, NW, G, M, S

crinita Taylor
R. canescens Steph. (3)
R. trichocarpa M.Howe (3)
Perennial. Bryophyte. Length 2.5–7 mm. Alt 800–1870 m. N, B, LIM, NW, FS, L, NC, EC

crozalsii Levier
R. africana Sim (2)
R. crozalsii Levier var. *austroafricana* S.W.Arnell (2)
Annual. Bryophyte. Length 3–6 mm. Alt 150–1000 m. WC

crozalsii Levier var. *austroafricana* S.W.Arnell = **R. crozalsii**

crystallina L. emended Raddi
R. plana Taylor (2)
Annual. Bryophyte. Length 5–7 mm. Alt 200–3000 m. NW, M, FS, L, NC, WC, EC

cupulifera A.V.Duthie
Annual. Bryophyte. Length up to 7 mm. Alt 25–1500 m. M, FS, NC, WC

curtisii (James ex Austin) Austin
R. spongosa S.W.Arnell (2)
Annual. Bryophyte. Length 2–8 mm. Alt 150–1650 m. L, NC, WC

duthieae O.H.Volk & Perold = **R. albovestita**

elongata Perold
Perennial. Bryophyte. Length up to 8 mm. Alt 1500–1720 m. G, M

fluitans L., not endemic to *FSA* region (2)

furfuracea Perold
Annual. Bryophyte. Length up to 8 mm. Alt 600–1585 m. NC, WC

garsidei Sim
Annual. Bryophyte. Length up to 15 mm. Alt 150–790 m. WC

hantamensis Perold
Annual. Bryophyte. Length up to 10 mm. Alt ± 900 m. NC

hirsuta O.H.Volk & Perold
Annual. Bryophyte. Length up to 10 mm. Alt ± 1200 m. NC

limbata Bisch.
R. capensis Steph. (2)
Annual. Bryophyte. Length up to 15 mm. Alt 150–1400 m. NC, WC

macrocarpa Levier
R. campbelliana M.Howe (2)
Perennial. Bryophyte. Length up to 8 mm. Alt 1340–1740 m. NW, G, M, FS, L

mammifera O.H.Volk & Perold
Perennial. Bryophyte. Length 5–10 mm. Alt 1400–1690 m. LIM, M

microciliata O.H.Volk & Perold
Perennial. Bryophyte. Length 1–4 mm. Alt 610–1400 m. N, B, LIM, NW, M, S, KZN

moenkemeyeri Steph.
R. abnormis (Steph.) Steph. (2)
R. undulata S.W.Arnell (2)
Annual. Bryophyte. Length 9–12 mm. Alt 1050–1250 m. LIM, G

montaguensis S.W.Arnell = **R. bullosa**

montana Perold
Annual. Bryophyte. Length up to 8 mm. Alt 2200–3200 m. KZN, L, EC

namaquensis Perold
Annual. Bryophyte. Length up to 8 mm. Alt 805–1670 m. NC

natalensis Sim
Perennial. Bryophyte. Length 5–12 mm. Alt 950–1840 m. LIM, M, FS, KZN

nigrella DC.
Perennial. Bryophyte. Length up to 5 mm. Alt 40–1725 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

nigrosquamata E.W.Jones = **R. congoana**

okahandjana S.W.Arnell
Perennial. Bryophyte. Length 5–10 mm. Alt 520–1860 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

parvoareolata O.H.Volk & Perold
Annual. Bryophyte. Length up to 10 mm. Alt 130–210 m. WC

perssonii S.A.Khan
Annual. Bryophyte. Length 2–4 mm. Alt 1090–1550 m. N

plana Taylor = **R. crystallina**

pottsiana Sim
Perennial. Bryophyte. Length 1.5–3 mm. Alt 1500–1760 m. FS, NC, EC

pseudolimbata S.W.Arnell = **R. angolensis**

pulveracea Perold
Annual. Bryophyte. Length up to 6 mm. Alt 1000–1600 m. FS, NC, EC

purpurascens Lehm.
Annual. Bryophyte. Length 9–17 mm. Alt 10–1070 m. NC, WC

rautanenii Steph. = **R. cavernosa**

rhodesiae S.W.Arnell = **R. congoana**

rosea O.H.Volk & Perold
Perennial. Bryophyte. Length up to 12 mm. Alt 900–1600 m. N, B, LIM, NW, G, M, FS

rubricollis Garside & A.V.Duthie ex Perold
Annual. Bryophyte. Length up to 12 mm. Alt ± 280 m. WC

runssorensis Steph.
Perennial. Bryophyte. Length up to 12 mm. Alt 590–1730 m. N, B, LIM, NW, G, M, FS

sarcosa O.H.Volk & Perold = **R. albovestita**

schelpei O.H.Volk & Perold
Annual. Bryophyte. Length up to 12 mm. Alt 560–1340 m. NC, WC

sibayenii Perold
Annual. Bryophyte. Length up to 17 mm. Alt ± 270 m. M

simii Perold
Perennial. Bryophyte. Length up to 12 mm. Alt 50–2430 m. NW, G, FS, L, NC, WC, EC

sorocarpa Bisch.
Annual. Bryophyte. Length 3–6 mm. Alt 40–3000 m. M, KZN, L, NC, WC

spongosa S.W.Arnell = **R. curtisii**

stricta (Lindenb.) Perold
Perennial. Bryophyte, frequent hydrophyte. Length 15–20 mm. Alt 5–2100 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

tomentosa O.H.Volk & Perold
Annual. Bryophyte. Length up to 18 mm. Alt 670–1120 m. NC

trachyglossum Perold
Annual. Bryophyte. Length up to 5 mm. Alt 2500–3000 m. L

trichocarpa M.Howe = **R. crinita**

undulata S.W.Arnell = **R. moenkemeyeri**

villosa Steph.
Annual. Bryophyte. Length up to 8 mm. Alt 200–1340 m. NC, WC, EC

vitrea Perold
Annual. Bryophyte. Length up to 9 mm. Alt 1160–1345 m. NC

volkii S.W.Arnell
Annual? Bryophyte. Length up to 9 mm. Alt 1100–1720 m. N, LIM, NW, G, M, FS, NC

RICCIOCARPOS Corda 9714300

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 112–115.

natans (L.) Corda
Annual. Bryophyte, generally hydrophyte. Length 8–14 mm. Alt 35–930 m. N, B, KZN, EC

RIELLACEAE

Compiled by S.M. Perold

RIELLA Mont. 9715900

(1) Perold. 2000. *Bothalia* 30: 125–142.

affinis M.Howe & Underw.
Annual. Bryophyte, hydrophyte. Length up to 23 mm. Alt ± 650 m. EC

alatospora Wigglesworth
Annual. Bryophyte, hydrophyte. Length 20–35 mm. Alt ± 80 m. WC

capensis Cavers
Annual. Bryophyte, hydrophyte. Length 10–30 mm. Alt ± 20 m. EC

echinospora Wigglesworth
Annual. Bryophyte, hydrophyte. Length up to 35 mm. Alt 1300–1400 m. N, FS

purpureospora Wigglesworth
Annual. Bryophyte, hydrophyte. Length 20–60 mm. Alt ± 20 m. WC

SCAPANIACEAE

Compiled by S.M. Perold

SCAPANIA (Dumort.) Dumort. 9726120

(1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 218.
(2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.

calcicola (S.W.Arnell & J.Perss.) Ingham
Perennial. Bryophyte. Length up to 30 mm. Alt ± 3000 m. L

cuspiduligera (Nees) Müll.Frib.
Perennial. Bryophyte. Length up to 20 mm. Alt 2700–3250 m. KZN, L

SCHISTOCHILACEAE

Compiled by S.M. Perold

GOTTSCHEA Nees ex Mont. 9726110

(1) Arnell. 1963. *Hepaticae of South Africa*: 241–243.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 95, 96.

alata (Lehm.) Nees = **Schistochila alata**

sphagnoides (Schwägr.) Lindb.
Schistochila limbata S.W.Arnell (2)
Schistochila sphagnoides (Schwägr.) Lindb. (2)
Perennial. Bryophyte, occ. epiphyte. Length up to 15 mm. Alt ± 1580 m. M

SCHISTOCHILA Dumort. 9726100

(1) Arnell. 1963. *Hepaticae of South Africa*: 241–243.
(2) Jones. 1976. *Journal of Bryology* 9: 33–41.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 221.

alata (Lehm.) Schiffn.
Gottschea alata (Lehm.) Nees (1)
Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt 450–1450 m. LIM, WC

limbata S.W.Arnell = **Gottschea sphagnoides**

sphagnoides (Schwägr.) Steph. = **Gottschea sphagnoides**

SPHAEROCARPACEAE

Compiled by S.M. Perold

SPHAEROCARPOS Boehm. 9715400

(1) Perold. 2000. *Bothalia* 30: 17–24.

stipitatus Bisch. ex Lindenb.
Annual. Bryophyte. Length 1.0–4.5 mm. Alt 20–1300 m. NC, WC, EC

TARGIONIACEAE

Compiled by S.M. Perold

TARGIONIA L. 9710200

(1) Perold. 1999. *FSA* Hepatophyta 1,1: 15–18.
(2) Boisselier-Dubayle & Bischler. 1999. *International Journal of Plant Sciences* 160: 1163–1169.

capensis Huebener = **T. hypophylla**

hypophylla L.
T. capensis Huebener (1)
T. hypophylla L. var. *capensis* (Huebener) in Krauss (1)

Perennial. Bryophyte. Length up to 30 mm. Alt 65–3240 m. N, LIM, G, M, FS, KZN, L, NC, WC, EC

hypophylla L. var. *capensis* (Huebener) in Krauss = **T. hypophylla**

lorbeeriana Müll.Frib., no longer recognised as a separate taxon (2)

ANTHOCEROTO-PHYTA

ANTHOCEROTACEAE

Compiled by S.M. Perold

ANTHOCEROS L. 9733700

(1) Stephani. 1916. *Species hepaticarum* V: 996.
(2) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 112–115.
(3) Arnell. 1963. *Hepaticae of South Africa*: 398–400.
(4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 20–23.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

carolinianus Michx. = **Phaeoceros carolinianus**

dimorphus Sim
Perennial. Bryophyte. Length 10–15 mm. Alt 750–1850 m. KZN, EC

ecklonii Steph. = **Phaeoceros carolinianus**

minutus Mitt. = **Phaeoceros minutus**

natalensis Steph.
Perennial. Bryophyte. Length 10–15 mm. Alt 50–1850 m. N, LIM, NW, M, KZN, L, WC

sambesianus Steph.
Perennial. Bryophyte. Length up to 10 mm. Alt ± 1770 m. L

PHAEOCEROS Prosk. 9733800

(1) Arnell. 1963. *Hepaticae of South Africa*: 400–403.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 169, 170.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 55.

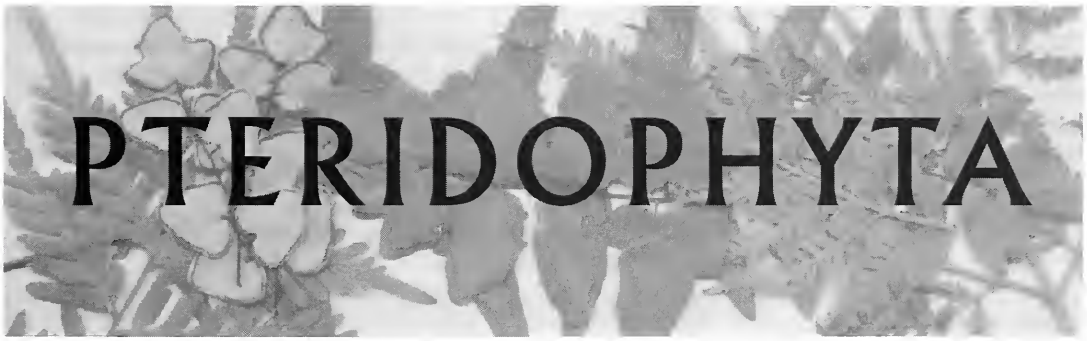
bolusii (Sim) S.W.Arnell
Perennial. Bryophyte. Length 20–40 mm. Alt 200–1250 m. LIM, G, S, KZN, WC, EC

carolinianus (Michx.) Prosk.
Anthoceros carolinianus Michx. (2)
Anthoceros ecklonii Steph. (2)
P. laevis subsp. *carolinianus* (Michx.) Prosk. (2)
Perennial. Bryophyte. Length up to 15 mm. Alt 300–1600 m. LIM, FS, KZN, L, WC, EC

fulvisporus (Steph.) J.Haseg.
Annual? Bryophyte. Length up to 20 mm. Alt? Distr.?

laevis subsp. *carolinianus* (Michx.) Prosk. = **P. carolinianus**

minutus (Mitt.) S.W.Arnell
Anthoceros minutus Mitt. (2)
Annual. Bryophyte. Length ± 5 mm. Alt 260–600 m. KZN, WC



PTERIDOPHYTA

ANEMIACEAE

Compiled by J.P. Roux

ANEMIA Sw. 0127900

(1) Schelpe. 1970. *FZ* Pteridophyta: 52–54.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 174–177.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 52, 53.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 58–60.
(5) Retief & Herman. 1997. *Strelitzia* 6: 28.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 51, 52.

dregeana Kunze
Perennial. Herb, geophyte. Ht 150–250 mm. Alt 50–1000 m. LIM, G, M, S, KZN, EC

simii Tardieu
Perennial. Herb, geophyte, lithophyte. Ht 150–200 mm. Alt 500–1500 m. LIM, M

MOHRIA Sw. 0128000

(1) Schelpe. 1970. *FZ* Pteridophyta: 54–57.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 177–179.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 53–55.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 62–65.
(5) Roux. 1995. *Bothalia* 25: 1–12.
(6) Retief & Herman. 1997. *Strelitzia* 6: 28.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 37.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 52–55.

caffrorum (L.) Desv.
Cheilanthes fusca Blume (5)
Osmunda thurifera Sw. (5)
Polypodium caffrorum L. (5)
Perennial. Herb, geophyte, lithophyte. Ht 100–200 mm. Alt 50–1400 m. NC, WC, EC

caffrorum var. *ferruginea* J.E.Burrows & S.M.Burrows = **M. nudiuscula**

hirsuta J.P.Roux = **M. marginalis**

marginalis (Savigny) J.P.Roux
M. hirsuta J.P.Roux (5)
Osmunda crenata Desv. (5)
Osmunda marginalis Savigny (5)
Osmunda thurifraga Comm. ex Bory, naked name (5)
Osmunda thurifraga Comm. ex Savigny, naked name (5)
Perennial. Herb, geophyte, lithophyte. Ht 100–170 mm. Alt 1400–1900 m. FS, KZN, L, EC

nudiuscula J.P.Roux
M. caffrorum var. *ferruginea* J.E.Burrows & S.M.Burrows (5)
Perennial. Herb, geophyte, lithophyte. Ht 150–220 mm. Alt 800–2400 m. FS, KZN, L, EC

rigida J.P.Roux
Perennial. Herb, geophyte, lithophyte. Ht 80–150 mm. Alt 1800–2438 m. M, FS, KZN, L

saxatilis J.P.Roux
Perennial. Herb, geophyte, lithophyte. Ht 60–100 mm. Alt 1000–1500 m. WC

vestita Baker
Perennial. Herb, geophyte, lithophyte. Ht 90–400 mm. Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

ASPLENIACEAE

Compiled by J.P. Roux

ASPLENIUM L. 0201400

(1) Launert. 1969. *FSWA* 9: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 167–189.
(3) Braithwaite. 1972. *Journal of South African Botany* 38: 1–7.
(4) Braithwaite. 1972. *Journal of South African Botany* 38: 9–27.
(5) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 329–380.
(6) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 173–207.
(7) Braithwate. 1986. *Botanical Journal of the Linnean Society* 93: 343–378.
(8) Burrows. 1990. *Southern African ferns and fern allies*: 212–256.
(9) Retief & Herman. 1997. *Strelitzia* 6: 13–16.
(10) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 37, 38.
(11) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 156–173.
(12) Van den Heede *et al.* 2003. *American Journal of Botany* 90: 481–495.

adiantum-nigrum L. var. **adiantum-nigrum**
Perennial. Herb, geophyte, lithophyte. Ht 150–380 mm. Alt 90–2651 m. LIM, G, M, FS, KZN, L, NC, WC, EC

adiantum-nigrum L. var. **solidum** (Kunze) J.P.Roux
Perennial. Herb, geophyte. Ht 140–380 mm. Alt 50–600 m. WC, EC

aethiopicum (Burm.f.) Bech. subsp. **aethiopicum**
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 60–400 mm. Alt 40–1300 m. LIM, M, S, KZN, WC, EC

aethiopicum (Burm.f.) Bech. subsp. **dodecaploideum** A.F.Braithw.
Perennial. Herb, geophyte, lithophyte. Ht 60–250 mm. Alt 1200–1825 m. G, M, L, EC

aethiopicum (Burm.f.) Bech. subsp. **filare** (Forssk.) A.F.Braithw.
Perennial. Herb, geophyte, lithophyte. Ht 150–400 mm. Alt 1200–1700 m. LIM, NW, G, M, S, FS, KZN, L, EC

aethiopicum (Burm.f.) Bech. subsp. **tripinnatum** (Baker) A.F.Braithw.
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 190–790 mm. Alt 600–1825 m. LIM, M, S, KZN, EC

anisophyllum Kunze
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 450–500 mm. Alt 350–1940 m. LIM, M, S, KZN, EC

blastophorum Hieron.
Perennial. Herb, epiphyte. Ht 200–400 mm. Alt ± 160 m. KZN

boltonii Hook. ex Brause & Hieron.
Perennial. Herb, epiphyte, lithophyte. Ht 300–540 mm. Alt 660–1980 m. LIM, M, S, KZN, EC

christii Hieron.
Perennial. Herb, geophyte. Ht 180–240 mm. Alt ± 500 m. KZN

cordatum (Thunb.) Sw.
Ceterach cordatum (Thunb.) Desv. (11)
Perennial. Herb, geophyte, lithophyte. Ht 100–250 mm. Alt 30–2500 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

dregeanum Kunze
Perennial. Herb, epiphyte, lithophyte. Ht 200–390 mm. Alt 24–800 m. KZN, EC

erectum Bory ex Willd.
A. erectum Bory ex Willd. var. *usambarense* (Hieron.) Schelpe (11)
Perennial. Herb, epiphyte, lithophyte, terrestrial. Ht 120–630 mm. Alt 50–1760 m. LIM, M, S, KZN, WC, EC

erectum Bory ex Willd. var. *usambarense* (Hieron.) Schelpe = **A. erectum**

flexuosum Schrad.
Perennial. Herb, geophyte. Ht 300–600 mm. Alt 75–1296 m. LIM, M, KZN, WC, EC

friesiorum C.Chr.
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 300–800 mm. Alt 300–1400 m. M, KZN

gemmiferum Schrad.
Perennial. Herb, geophyte, lithophyte. Ht 300–720 mm. Alt 50–1200 m. LIM, M, KZN, WC, EC

hypomelas Kuhn
Perennial. Herb, epiphyte, lithophyte. Ht 0.6–1.4 m. Alt ± 1300 m. LIM

inaequilaterale Willd.
Perennial. Herb, geophyte, lithophyte. Ht 300–350 mm. Alt 100–1500 m. LIM, NW, M, S, KZN, EC

kraussii T.Moore = **A. stoloniferum**

lividum Mett. ex Kuhn
Perennial. Herb, lithophyte. Ht 150–360 mm. Alt ± 1220 m. LIM, M

lobatum Pappe & Rawson
Perennial. Herb, epiphyte, terrestrial. Ht 300–350 mm. Alt 500–1400 m. LIM, M, S, KZN, WC, EC

lunulatum Sw.
Perennial. Herb, geophyte, lithophyte. Ht 300–350 mm. Alt 12–1760 m. LIM, M, KZN, WC, EC

monanthes L.
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 300–1951 m. LIM, M, FS, KZN, L, WC, EC

multiforme Krasser
Perennial. Herb, lithophyte. Ht 100–160 mm. Alt 790–1765 m. M, S, KZN, EC

obscurum Blume
Perennial. Herb, geophyte. Ht 200–300 mm. Alt ± 1200 m. LIM

phillipsianum (Kümmerle) Bir, Fraser-Jenk. & Lovis
Perennial. Herb, geophyte, lithophyte. Ht 100–250 mm. Alt 100–1200 m. M, WC

platyneuron (L.) Britton, Sterns & Poggenb.
Perennial. Herb, geophyte. Ht 100–240 mm. Alt 100–2600 m. M, FS, KZN, L, WC, EC

preussii Hieron. ex Brause
Perennial. Herb, geophyte, lithophyte. Ht 130–260 mm. Alt 1100–1650 m. LIM, KZN

prionitis Kunze
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 300–520 mm. Alt 20–250 m. KZN, EC

protensum Schrad.
Perennial. Herb, epiphyte, lithophyte. Ht 380–650 mm. Alt 75–1750 m. LIM, M, KZN, WC, EC

rutifolium (P.J.Bergius) Kunze
Perennial. Herb, epiphyte, lithophyte. Ht 120–450 mm. Alt 15–1760 m. LIM, M, S, KZN, WC, EC

sandersonii Hook.
Perennial. Herb, epiphyte, lithophyte. Ht 50–120 mm. Alt 50–1500 m. LIM, M, S, KZN, EC

schelpei A.F.Braithw.
Perennial. Herb, lithophyte. Ht 90–250 mm. Alt 600–760 m. LIM, M

simii Braithw. & Schelpe
Perennial. Herb, epiphyte, lithophyte. Ht 100–130 mm. Alt 100–1900 mm. LIM, M, KZN, WC, EC

splendens Kunze subsp. **splendens**
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 300–400 mm. Alt 260–1520 m. LIM, M, S, KZN, EC

splendens Kunze subsp. **drakensbergense** A.F.Braithw.
Perennial. Herb, geophyte, lithophyte, Ht 100–160 mm. Alt 1520–2740 m. FS, KZN, L

stoloniferum Bory
A. kraussii T.Moore (5)
Perennial. Herb, geophyte, lithophyte. Ht 20–40 mm. Alt 200–1500 m. M, FS, KZN, L, EC

theciferum (Kunth) Mett. var. **concinnum** (Schrad.) Schelpe
Loxoscaphe theciferum (Kunth) T.Moore var. *concinna* C.Chr. (2)
Perennial. Herb, epiphyte, lithophyte. Ht 100–180 mm. Alt 50–1500 m. LIM, G, M, S, FS, KZN, WC, EC

trichomanes L. subsp. **quadrivalens** D.E.Mey. emended Lovis
Perennial. Herb, geophyte, lithophyte. Ht 100–150 mm. Alt 250–2000 m. M, FS, KZN, L, EC

unilaterale Lam.
Perennial. Herb, lithophyte. Ht 150–280 mm. Alt ± 600 m. S

varians Wall. ex Hook. & Grev. subsp. **fimbriatum** (Kunze) Schelpe
Perennial. Herb, geophyte, lithophyte. Ht 80–170 mm. Alt 100–1450 m. LIM, M, FS, KZN, L, EC

CETERACH DC. 0201700

cordatum (Thunb.) Desv. = **Asplenium cordatum**

LOXOSCAPHE T.Moore 0201500

theciferum (Kunth) T.Moore var. *concinna* C.Chr. = **Asplenium theciferum** var. **concinnum**

AZOLLACEAE

Compiled by J.P. Roux

AZOLLA Lam. 0204400

(1) Launert. 1969. *FSWA* 12: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 69, 70.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 492–495.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 67, 68.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 82, 83.
(6) Saunders & Fowler. 1992. *Botanical Journal of the Linnean Society* 109: 329–357.
(7) Retief & Herman. 1997. *Strelitzia* 6: 17.
(8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 38.
(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 178, 179.

***filiculoides** Lam.
Perennial. Herb, hydrophyte. Ht up to 5 mm. Alt 30–1678 m. N, G, NC, WC, EC

pinnata R.Br. subsp. **africana** (Desv.) R.M.K.Saunders & K.Fowler
A. pinnata R.Br. var. *africana* (Desv.) Baker (6)
Perennial. Herb, hydrophyte. Ht up to 5 mm. Alt 9–1030 m. N, B, KZN

pinnata R.Br. var. *africana* (Desv.) Baker = **A. pinnata** subsp. **africana**

BLECHNACEAE

Compiled by J.P. Roux

BLECHNUM L. 0200000

(1) Launert. 1969. *FSWA*, 8: 1.
(2) Schelpe. 1979. *Journal of South African Botany* 45: 221.
(3) Roux. 1982. *Journal of South African Botany* 48: 451–453.
(4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 459–471.
(5) Anthony & Schelpe. 1985. *Bothalia* 15: 554, 555.
(6) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 266–277.
(7) Burrows. 1990. *Southern African ferns and fern allies*: 326–336.
(8) Retief & Herman. 1997. *Strelitzia* 6: 17, 18.
(9) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 39.
(10) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 153–156.

attenuatum (Sw.) Mett.
B. attenuatum (Sw.) Mett. var. *giganteum* (Kaulf.) Bonap. (10)
B. giganteum (Kaulf.) Schltdl. (10)
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.3–1.2 m. Alt 100–1500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

attenuatum (Sw.) Mett. var. *giganteum* (Kaulf.) Bonap. = **B. attenuatum**

australe L.
B. australe L. var. *aberrans* N.C.Anthony & Schelpe (10)
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 30–2179 m. LIM, G, M, S, FS, KZN, L, NC, WC, EC

australe L. var. *aberrans* N.C.Anthony & Schelpe = **B. australe**

capense Burm.f.
B. sylvaticum Schelpe (3)
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 30–1730 m. LIM, M, S, KZN, WC, EC

giganteum (Kaulf.) Schltdl. = **B. attenuatum**

inflexum (Kunze) Kuhn
Perennial. Herb, geophyte. Ht 200–500 mm. Alt 200–2179 m. LIM, M, S, FS, KZN, L, WC, EC

punctulatum Sw. var. **atherstonei** (Pappe & Rawson) Sim
Perennial. Herb, geophyte. Ht 300–450 mm. Alt 671–1830 m. LIM, M, S, KZN, WC, EC

punctulatum Sw. var. **intermedium** Sim
Perennial. Herb, geophyte. Ht 300–450 mm. Alt 400–460 m. KZN, EC

punctulatum Sw. var. **krebsii** (Kunze) Sim
Perennial. Herb, geophyte, lithophyte. Ht 300–600 mm. Alt 100–1300 m. KZN, EC

punctulatum Sw. var. **punctulatum**
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 100–2043 m. M, S, FS, KZN, L, WC, EC

sylvaticum Schelpe = **B. capense**

tabulare (Thunb.) Kuhn
Perennial. Herb, geophyte. Ht 0.3–1.5 m. Alt 396–1960 m. LIM, M, S, KZN, WC, EC

*DOODIA R.Br. 0199900

(1) Parris. 1972. *New Zealand Journal of Botany* 10: 585–604.
(2) Burrows. 1990. *Southern African ferns and fern allies*: 338.
(3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 152, 153.

caudata (Cav.) R.Br. in sense of Burrows (2)

squarrosa Colenso
Perennial. Herb, geophyte. Ht 140–450 mm. Alt 800–1200 m. KZN

STENOCHLAENA J.Sm. 0200400

(1) Schelpe. 1970. *FZ* Pteridophyta: 240–242.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 471–473.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 277, 278.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 336.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 156.

tenuifolia (Desv.) T.Moore
Perennial. Herb, climber. Ht 1.82–9.14 m. Alt 5–650 m. M, KZN, EC

CYATHEACEAE

Compiled by J.P. Roux

ALSOPHILA R.Br. 0151200

capensis (L.f.) J.Sm. = **Cyathea capensis**

dregei (Kunze) R.M.Tryon = **Cyathea dregei**

CYATHEA Sm. 0151300

(1) Schelpe.1970. *FZ* Pteridophyta: 70–75.
(2) Tryon. 1970. *Contributions from the Gray Herbarium* 20: 3–53.
(3) Holttum. 1981. *Kew Bulletin* 36: 463–482.
(4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 198–203.
(5) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 69–71.
(6) Burrows. 1990. *Southern African ferns and fern allies*: 84–88.
(7) Retief & Herman. 1997. *Strelitzia* 6: 18.
(8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 39.
(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 85–88.

capensis (L.f.) Sm.
Alsophila capensis (L.f.) J.Sm. (2)
Hemitelia capensis (L.f.) Kaulf. (3)
Perennial. Tree. Ht 0.3–6.09 m. Alt 60–1500 m. LIM, M, S, KZN, WC, EC

dregei Kunze
Alsophila dregei (Kunze) R.M.Tryon (2)
Perennial. Tree. Ht 0.27–7.01 m. Alt 60–1700 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

HEMITELIA R.Br. 0151400

capensis (L.f.) Kaulf. = **Cyathea capensis**

DAVALLIACEAE

Compiled by J.P. Roux

DAVALLIA Sm. 0177300

(1) Schelpe. 1970. *FZ* Pteridophyta: 167.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 327, 328.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 171, 172.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 209, 210.
(5) Nooteboom. 1994. *Blumea* 39: 151–214.
(6) Retief & Herman. 1997. *Strelitzia* 6: 19.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 110.

chaerophylloides (Poir.) Steud. = **D. denticulata** var. **denticulata**

denticulata (Burm.f.) Mett. ex Kuhn var. **denticulata**
D. chaerophylloides (Poir.) Steud. (1)
Perennial. Herb, epiphyte, lithophyte. Ht 300–460 mm. Alt 20–1500 m. LIM, M, KZN, EC

DENNSTAEDTIACEAE

Compiled by J.P. Roux

BLOTIELLA R.M.Tryon 0153300

(1) Schelpe. 1970. *FZ* Pteridophyta: 81–84.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 204–206.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 81, 82.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 100–103.
(5) Retief & Herman. 1997. *Strelitzia* 6: 19.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 91, 92.

glabra (Bory) R.M.Tryon
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 30–1600 m. LIM, M, S, KZN, WC, EC

natalensis (Hook.) R.M.Tryon
Perennial. Herb, geophyte. Ht 1–1.5 m. Alt 50–1700 m. KZN, WC, EC

HISTIOPTERIS (J.Agardh) J.Sm. 0153400

(1) Schelpe. 1970. *FZ* Pteridophyta: 84–86.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 206, 207.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 82, 83.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 103.
(5) Retief & Herman. 1997. *Strelitzia* 6: 19, 20.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 92.

incisa (Thunb.) J.Sm.
Perennial. Herb, hydrophyte, geophyte. Ht 1–1.5 m Alt 40–1675 m. M, KZN, WC

HYPOLEPIS Bernh. 0153200

(1) Schelpe. 1970. *FZ* Pteridophyta: 92.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 211, 212.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 87, 88.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 106–108.
(5) Retief & Herman. 1997. *Strelitzia* 6: 20.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
(7) Roux. 2001. *Bothalia* 31: 195.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 90, 91.

sparsisora (Schrad.) Kuhn
Perennial. Herb, hydrophyte, geophyte. Ht 0.8–1.82 m. Alt 5–1800 m. LIM, M, S, KZN, WC, EC

villoso-viscida (Thouars) Tardieu
Perennial. Herb, geophyte, lithophyte. Ht 300–600 mm. Alt 250–1200 m. WC, EC

MICROLEPIA C.Presl 0152900

(1) Launert. 1969. *FSWA* 3: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 89–92.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 210, 211.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 85–87.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 106.
(6) Retief & Herman. 1997. *Strelitzia* 6: 20.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 88, 89.

speluncae (L.) T.Moore
Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 50–1578 m. N, B, LIM, NW, S, KZN

PTERIDIUM Gled. ex Scop. 0153000

(1) Schelpe. 1970. *FZ* Pteridophyta: 88, 89.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 207–210.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 83–85.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 103–106.
(5) Retief & Herman. 1997. *Strelitzia* 6: 20.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 89, 90.

aquilinum (L.) Kuhn subsp. **aquilinum**
Perennial. Herb, geophyte. Ht 0.4–1.8 m. Alt 15–1940 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

DRYOPTERIDACEAE

Compiled by J.P. Roux

ARACHNIODES Blume 0190600

(1) Schelpe. 1970. *FZ* Pteridophyta: 228, 229.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 450, 451.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 259–261.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 318–320.
(5) Gibby *et al.* 1992. *Botanica Helvetica* 102: 229–245.
(6) Retief & Herman. 1997. *Strelitzia* 6: 12.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 127, 128.

foliosa (C.Chr.) Schelpe = **A. webbiana** subsp. **foliosa**

webbiana (A.Braun) Schelpe subsp. **foliosa** (C.Chr.) Gibby, Rasbach, Reichst., Widén & Viane
A. foliosa (C.Chr.) Schelpe (5)
Perennial. Herb, geophyte, lithophyte. Ht 300–400 mm. Alt 500–1760 m. LIM, M, KZN, EC

ASPIDIUM Sw. 0190510

inaequale Schltdl. = **Dryopteris inaequalis**

luctuosum Kunze = **Polystichum luctuosum**

macleae Baker = **Polystichum macleae**

pungens Kaulf. = **Polystichum pungens**

tsus-simense Hook. = **Polystichum luctuosum**

CYRTOMIUM C.Presl 0191600

(1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 454–456.
(2) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 251.
(3) Burrows. 1990. *Southern African ferns and fern allies*: 325, 326.
(4) Retief & Herman. 1997. *Strelitzia* 6: 12.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 131.

caryotideum (Wall. ex Hook. & Grev.) C.Presl var. *micropterum* (Kunze) C.Chr. = **C. micropterum**

micropterum (Kunze) Ching
C. caryotideum (Wall. ex Hook. & Grev.) C.Presl var. *micropterum* (Kunze) C.Chr. (2)
Phanerophlebia caryotidea (Wall. ex Hook. & Grev.) Copel. var. *micropteris* (Kunze) Tardieu (1)
Perennial. Herb, geophyte. Ht 250–400 mm. Alt 250–1830 m. M, KZN, L, EC

DIDYMOCHLAENA Desv. 0191100

(1) Schelpe. 1970. *FZ* Pteridophyta: 220.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 432, 433.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 243.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 299, 300.
(5) Retief & Herman. 1997. *Strelitzia* 6: 12.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 131.

truncatula (Sw.) J.Sm.
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 305–1730 m. LIM, S, KZN

DRYOPTERIS Adans. 0190500

(1) Schelpe. 1970. *FZ* Pteridophyta: 220–225.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 433–442.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 245–249.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 300–309.
(5) Retief & Herman. 1997. *Strelitzia* 6: 12.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123–127.

antarctica (Baker) C.Chr.
D. callolepis C.Chr. (7)
Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm. Alt 1300–2350 m. WC, EC

athamantica (Kunze) Kuntze
Perennial. Herb, geophyte, lithophyte. Ht 400–950 mm. Alt 250–1800 m. LIM, G, M, S, FS, KZN, L, EC

callolepis C.Chr. = **D. antarctica**

dracomontana Schelpe & N.C.Anthony
D. esterhuyseniae Schelpe & N.C.Anthony (7)
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 2000–2955 m. FS, KZN, L, EC

esterhuyseniae Schelpe & N.C.Anthony = **D. dracomontana**

inaequalis (Schltdl.) Kuntze
Aspidium inaequale Schltdl. (6)
Perennial. Herb, geophyte. Ht 200–350 mm. Alt 200–1200 m. KZN, WC, EC

lewalleana Pic.Serm.
Perennial. Herb, geophyte, lithophyte. Ht 300–900 mm. Alt 200–1800 m. LIM, G, M, S, FS, KZN, WC, EC

pentheri (Krasser) C.Chr.
Perennial. Herb, geophyte, lithophyte. Ht 300–900 mm. Alt 250–1800 m. LIM, M, S, FS, KZN, WC, EC

pungens (Kaulf.) Kuntze = **Polystichum pungens**

squamiseta (Hook.) Kuntze = **Nothoperanema squamiseta**

NOTHOPERANEMA (Tagawa) Ching 0190400

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123.

squamiseta (Hook.) Ching
Dryopteris squamiseta (Hook.) Kuntze (1)
Perennial. Herb, geophyte. Ht 200–950 mm. Alt 250–1850 m. LIM, M, S, KZN, EC

PHANEROPHLEBIA C.Presl 0191000

caryotidea (Wall. ex Hook. & Grev.) Copel. var. *micropteris* (Kunze) Tardieu = **Cyrtomium micropterum**

POLYSTICHUM Roth 0190900

(1) Schelpe. 1970. *FZ* Pteridophyta: 226–228.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 442–450.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 251–259.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 309–318.
(5) Retief & Herman. 1997. *Strelitzia* 6: 12, 13.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
(7) Roux. 2000. *Bulletin of the Natural History Museum, London (Botany)* 30: 33–79.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 128–130.

aculeatum (L.) Roth var. *mildbraedii* Brause = **P. wilsonii**

aculeatum (L.) Roth var. *rubescens* Bonap. = **P. wilsonii**

aculeatum (L.) Roth var. *stenophyllon* Bonap. = **P. wilsonii**

adiantiforme (G.Forst.) J.Sm. = **Rumohra adiantiformis**

alticola Schelpe & N.C.Anthony = **P. wilsonii**

dracomontanum Schelpe & N.C.Anthony
Perennial. Herb, geophyte. Ht 300–450 mm. Alt 1675–2745 m. FS, KZN, L

fuscopaleaceum Alston = **P. wilsonii**

fuscopaleaceum Alston var. *ruwensoriense* (Pirotta) Pic.Serm. = **P. wilsonii**

incongruum J.P.Roux
Perennial. Herb, geophyte. Ht 300–950 mm. Alt 100–1350 m. WC, EC

lobatum (Huds.) Bastard var. *luctuosum* (Kunze) H.Christ = **P. luctuosum**

lobatum (Huds.) Bastard var. *ruwensoriense* Pirotta = **P. wilsonii**

lucidum in sense of Schelpe, not of (Burm.f.) Bech., misapplied name = **P. pungens**

luctuosum (Kunze) T.Moore
Aspidium luctuosum Kunze (1)
Aspidium tsus-simense Hook. (7)
P. lobatum (Huds.) Bastard var. *luctuosum* (Kunze) H.Christ (7)
P. tsus-simense (Hook.) J.Sm. (7)
Perennial. Herb, geophyte, lithophyte. Ht 300–450 mm. Alt 670–1740 m. LIM, M, S, FS, KZN, L, EC

macleae (Baker) Diels
Aspidium macleae Baker (3)
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 1350–1960 m. LIM, M, S

monticola N.C.Anthony & Schelpe
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 600–2740 m. FS, KZN, L, WC, EC

pungens (Kaulf.) C.Presl
Aspidium pungens Kaulf. (3)
Dryopteris pungens (Kaulf.) Kuntze (3)
P. lucidum in sense of Schelpe, not of (Burm.f.) Bech., misapplied name (3)
Perennial. Herb, geophyte. Ht 350–550 mm. Alt 300–2150 m. LIM, M, S, KZN, WC, EC

× **saltum** J.P.Roux
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 1500–1700 m. KZN

setiferum (Forssk.) T.Moore ex Woyn. var. *fuscopaleaceum* (Alston) Schelpe = **P. wilsonii**

transkeiense W.Jacobsen
Perennial. Herb, geophyte, lithophyte. Ht 300–600 mm. Alt 60–1525 m. LIM, M, S, KZN, EC

transvaalense N.C.Anthony
Perennial. Herb, geophyte, lithophyte. Ht 400–750 mm. Alt 365–1840 m. LIM, M, FS, KZN, L, WC, EC

tsus-simense (Hook.) J.Sm. = **P. luctuosum**

wilsonii H.Christ
P. aculeatum (L.) Roth var. *mildbraedii* Brause (7)
P. aculeatum (L.) Roth var. *rubescens* Bonap. (7)
P. aculeatum (L.) Roth var. *stenophyllon* Bonap. (7)
P. alticola Schelpe & N.C.Anthony (7)
P. fuscopaleaceum Alston (7)
P. fuscopaleaceum Alston var. *ruwensoriense* (Pirotta) Pic.Serm. (7)
P. lobatum (Huds.) Bastard var. *ruwensoriense* Pirotta (7)
P. setiferum (Forssk.) T.Moore ex Woyn. var. *fuscopaleaceum* (Alston) Schelpe (7)
Perennial. Herb, geophyte, lithophyte. Ht 300–800 mm. Alt 300–2000 m. M, FS, KZN, L, NC, WC, EC

RUMOHRA Raddi 0190000

(1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 457, 458.
(2) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 261–263.
(3) Burrows. 1990. *Southern African ferns and fern allies*: 320.
(4) Retief & Herman. 1997. *Strelitzia* 6: 13.
(5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123.

adiantiformis (G.Forst.) Ching
Polystichum adiantiforme (G.Forst.) J.Sm. (2)
Perennial. Herb, geophyte, lithophyte, epiphyte. Ht 0.3–1.2 m. Alt 15–1830 m. NP, M, KZN, WC, EC

EQUISETACEAE

Compiled by J.P. Roux

EQUISETUM L. 0111100

(1) Schelpe. 1970. *FZ* Pteridophyta: 32–34.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 158, 159.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 29.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 37, 38.
(5) Retief & Herman. 1997. *Strelitzia* 6: 20.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 17, 18.

capense Burm.f. = **Elegia capensis**

ramosissimum Desf.

Perennial. Herb, hydrophyte. Ht 0.5–1.52 m. Alt 10–2105 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

GLEICHENIACEAE

Compiled by J.P. Roux

DICRANOPTERIS Bernh. 0118800

(1) Schelpe. 1970. *FZ* Pteridophyta: 50–52.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 184, 185.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 48, 49.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 54, 55.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 39, 40.

linearis (Burm.f.) Underw.

Perennial. Herb, scrambler. Ht 0.3–2 m. Alt 380–2000 m. LIM, M, S, KZN

GLEICHENIA Sm. 0118700

(1) Schelpe. 1970. *FZ* Pteridophyta: 48–50.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 182–184.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 47, 48.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 52–54.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 37–39.

polypodioides (L.) Sm.

Perennial. Herb, scrambler. Ht 0.3–9.14 m. Alt 90–1500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

umbraculifera (Kunze) T.Moore

Perennial. Herb, scrambler. Ht 0.3–2 m. Alt 605–2179 m. LIM, M, S, KZN, EC

GRAMMITIDACEAE

Compiled by J.P. Roux

GRAMMITIS Sw. 0173000

(1) Pichi Sermolli & Bizzarri. 1978. *Webbia* 32: 455–534.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 296–298.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 151, 152.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 183–188.
(5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 107, 108.

poeppigiana (Mett.) Pic.Serm.

Perennial. Herb, lithophyte. Ht 5–15 mm. Alt 1600–1800 m. WC

rigescens (Bory ex Willd.) Lellinger = **Melpomene flabelliformis**

MELPOMENE A.R.Sm. & R.C.Moran 0171500

(1) Smith & Moran. 1992. *Novon* 2: 426–432.
(2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 107.

flabelliformis (Poir.) A.R.Sm. & R.C.Moran

Grammitis rigescens (Bory ex Willd.) Lellinger (6)
Xiphopteris flabelliformis (Poir.) Schelpe (6)
Xiphopteris rigescens (Bory ex Willd.) Alston (6)

Perennial. Herb, lithophyte. Ht 20–60 mm. Alt 1900–2745 m. KZN

XIPHOPTERIS Kaulf. 0171200

flabelliformis (Poir.) Schelpe = **Melpomene flabelliformis**

rigescens (Bory ex Willd.) Alston = **Melpomene flabelliformis**

HYMENOPHYLLACEAE

Compiled by J.P. Roux

CEPHALOMANES C.Presl 0124800

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 48.

rigidum (Sw.) K.Iwats.
Trichomanes rigidum Sw. (1)
Perennial. Herb, geophyte, lithophyte. Ht 100–180 mm. Alt 50–1400 m. LIM, G, M, S, KZN, EC

CREPIDOMANES (C.Presl) C.Presl 0124400

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 44–46.

borbonicum (Bosch) J.P.Roux
Trichomanes borbonicum Bosch (1)
Perennial. Herb, epiphyte, lithophyte. Ht 50–100 mm. Alt 800–1200 m. M, S

inopinatum (Pic.Serm.) J.P.Roux
Trichomanes inopinatum (Pic.Serm.) J.E.Burrows (1)
Perennial. Herb, epiphyte, lithophyte. Ht 10–75 mm. Alt 350–800 m. M, S, KZN

melanotrichum (Schltdl.) J.P.Roux
Trichomanes melanotrichum Schltdl. (1)
Trichomanes pyxidiferum L. var. *melanotrichum* (Schltdl.) Schelpe (1)
Perennial. Herb, epiphyte, lithophyte. Ht 10–75 mm. Alt 50–1760 m. LIM, M, S, FS, KZN, WC, EC

HYMENOPHYLLUM Sm. 0124000

(1) Schelpe. 1970. *FZ* Pteridophyta: 78–81.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 191–197.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 76–79.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 94–100.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 40–43.

capense Schrad.
Perennial. Herb, epiphyte, lithophyte. Ht 20–40 mm. Alt 250–1500 m. LIM, M, KZN, WC, EC

capillare Desv. = **Sphaerocionium capillare**

marlothii Brause = **Sphaerocionium aeruginosum**

peltatum (Poir.) Desv.
Perennial. Herb, epiphyte, lithophyte. Ht 30–120 mm. Alt 500–1981 m. KZN, WC, EC

tunbridgense (L.) Sm.
Perennial. Herb, epiphyte, lithophyte. Ht 30–100 mm. Alt 155–1500 m. LIM, M, S, FS, KZN, WC, EC

SPHAEROCIONIUM C.Presl 0124200

(1) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 43, 44.

aeruginosum (Poir.) Pic.Serm.
Hymenophyllum marlothii Brause (2)
Perennial. Herb, lithophyte. Ht 30–80 mm. Alt 200–1700 m. WC, EC

capillare (Desv.) Copel.
Hymenophyllum capillare Desv. (2)
Perennial. Herb, epiphyte, lithophyte. Ht 40–150 mm. Alt 1200–1500 m. M

TRICHOMANES L. 0124600

(1) Schelpe. 1970. *FZ* Pteridophyta: 75–78.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 186–191.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 71–76.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 89–94.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21, 22.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 46–48.

borbonicum Bosch = **Crepidomanes borbonicum**

erosum Willd. var. **aerugineum** (Bosch) C.Chr. ex Bonap.
Perennial. Herb, lithophyte. Ht 10–20 mm. Alt 50–200 m. KZN

inopinatum (Pic.Serm.) J.E.Burrows = **Crepidomanes inopinatum**

melanotrichum Schltdl. = **Crepidomanes melanotrichum**

pyxidiferum L. var. *melanotrichum* (Schltdl.) Schelpe = **Crepidomanes melanotrichum**

reptans Sw.
Perennial. Herb, epiphyte. Ht 20–30 mm. Alt 24–1525 m. LIM, M, KZN, EC

rigidum Sw. = **Cephalomanes rigidum**

ISOETACEAE

Compiled by J.P. Roux

ISOETES L. 0114100

(1) Launert. 1969. *FSWA* 1: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 30–32.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 151–157.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 23–28.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 30–37.
(6) Retief & Herman. 1997. *Strelitzia* 6: 22.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 28–30.

aequinoctialis Welw. ex A.Braun
I. erongoensis Wanntorp (4)
Perennial. Herb, geophyte, hydrophyte. Ht 40–350 mm. Alt 1225–1350 m. N, NC

alstonii C.F.Reed & Verdc. = **I. schweinfurthii**

capensis A.V.Duthie
Perennial. Herb, geophyte, hydrophyte. Ht 30–80 mm. Alt 50–150 m. WC

capensis A.V.Duthie var. *stephanseniae* (A.V.Duthie) Schelpe & N.C.Anthony = **I. stephanseniae**

erongoensis Wanntorp = **I. aequinoctialis**

giessii Launert
Perennial. Herb, geophyte, hydrophyte. Ht 140–250 mm. Alt 1000–1300 m. N

kersii Wanntorp = **I. schweinfurthii**

natalensis Baker = **I. welwitschii**

rhodesiana Alston = **I. schweinfurthii**

schweinfurthii A.Braun
I. alstonii C.F.Reed & Verdc. (4)
I. kersii Wanntorp (4)
I. rhodesiana Alston (4)
Perennial. Herb, geophyte, hydrophyte. Ht 150–300 mm. Alt 1300–1500 m. N, LIM

stellenbossiensis A.V.Duthie
Perennial. Herb, geophyte, hydrophyte. Ht 30–80 mm. Alt 50–150 m. WC, NC

stephanseniae A.V.Duthie
I. capensis A.V.Duthie var. *stephanseniae* (A.V.Duthie) Schelpe & N.C.Anthony (4)
Perennial. Herb, geophyte, hydrophyte. Ht 40–150 mm. Alt 200–300 m. WC

transvaalensis Jermy & Schelpe
Perennial. Herb, geophyte, hydrophyte. Ht 30–150 mm. Alt 1600–2600 m. LIM, M, FS, KZN, L

welwitschii A.Braun ex Kuhn
I. natalensis Baker (3)
Perennial. Herb, geophyte, hydrophyte. Ht 30–75 mm. Alt 1400–1590 m. M, KZN

wormaldii Sim
Perennial. Herb, geophyte, hydrophyte. Ht 150–500 mm. Alt 50–800 m. EC

LINDSAEACEAE

Compiled by J.P. Roux

LINDSAEA Dryand. ex Sm. 0153900

(1) Schelpe. 1970. *FZ* Pteridophyta: 139–141.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 294–296.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 151.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 182, 183.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 95.

ensifolia Sw.
Perennial. Herb, geophyte, hydrophyte. Ht 200–350 mm. Alt 20–50 m. KZN

LOMARIOPSIDACEAE

Compiled by J.P. Roux

ACROSTICHUM L. 0141500

viscosum Sw. var. *rupestre* (Sim) Sim in part = **Elaphoglossum conforme**

BOLBITIS Schott 0198500

(1) Schelpe. 1970. *FZ* Pteridophyta: 218.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 427–429.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 239, 240.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 294–296.
(5) Retief & Herman. 1997. *Strelitzia* 6: 22.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 146, 147.

heudelotii (Bory ex Fée) Alston
Perennial. Herb, hydrophyte, lithophyte. Ht 300–400 mm. Alt 900–1600 m. LIM

ELAPHOGLOSSUM Schott ex J.Sm. 0198600

(1) Schelpe.1970. *FZ* Pteridophyta: 209–216.
(2) Roux. 1982. *Journal of South African Botany* 48: 481–526.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 412–426.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 230–239.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 280–293.
(6) Retief & Herman. 1997. *Strelitzia* 6: 22, 23.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42, 43.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 147–152.

acrostichoides (Hook. & Grev.) Schelpe
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 100–300 mm. Alt 185–2179 m. LIM, M, S, FS, KZN, L, WC, EC

angustatum (Schrad.) Hieron.
Perennial. Herb, lithophyte. Ht 200–500 mm. Alt 125–700 m. KZN, WC, EC

aubertii (Desv.) T.Moore
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 200–300 mm. Alt 1000–1560 m. LIM, M, KZN

conforme (Sw.) J.Sm.
Acrostichum viscosum Sw. var. *rupestre* Sim in part (2)
E. petiolatum (Sw.) Urb. var. *rupestre* (Sim) Sim (2)

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 607–915 m. WC

drakensbergense Schelpe
Perennial. Herb, geophyte, lithophyte. Ht 150–200 mm. Alt 1700–2125 m. FS, KZN

hybridum (Bory) Brack.
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 915–2179 m. LIM, M, KZN, EC

macropodium (Fée) T.Moore
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 250–400 mm. Alt 100–1400 m. LIM, M, KZN, EC

petiolatum (Sw.) Urb. var. *rupestre* (Sim) Sim = **E. conforme**

spathulatum (Bory) T.Moore
Perennial. Herb, lithophyte. Ht 20–40 mm. Alt 920–1500 m. M, FS, KZN

LYCOPODIACEAE

Compiled by J.P. Roux

HUPERZIA Bernh. 0112000

(1) Øllgaard. 1989. *Biologiske Skrifter* 34: 8–23.
(2) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
(3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 18–21.

dacrydioides (Baker) Pic.Serm.
Lycopodium dacrydioides Baker (1)
Perennial. Herb, epiphyte, lithophyte. Ht 600–900 mm. Alt 250–1800 m. LIM, M, KZN

gnidioides (L.f.) Trevis.
Lycopodium gnidioides L.f. (1)
Lycopodium gnidioides L.f. var. *pinifolium* (Kaulf.) Pappe & Raws. (2)
Perennial. Herb, epiphyte, lithophyte. Ht 200–500 mm. Alt 100–1200 mm. LIM, M, S, KZN, WC, EC

ophioglossoides (Lam.) Rothm.
Lycopodium ophioglossoides Lam. (1)
Perennial. Herb, epiphyte, lithophyte. Ht 200–400 mm. Alt 1200–1400 m. LIM, M

saururus (Lam.) Trevis.
Lycopodium saururus Lam. (1)
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 700–2800 m. M, FS, KZN, L, WC, EC

verticillata (L.f.) Trevis.
Lycopodium verticillatum L.f. (1)
Perennial. Herb, epiphyte, lithophyte. Ht 250–450 mm. Alt 300–1500 m. LIM, M, S, FS, KZN, EC

LYCOPODIELLA Holub 0112300

(1) Øllgaard. 1989. *Biologiske Skrifter* 34: 25, 26.
(2) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
(3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 22, 23.

caroliniana (L.) Pic.Serm.
Lycopodium carolinianum L. var. *carolinianum* (1)
Perennial. Herb, geophyte. Ht 100–250 mm. Alt 300–1600 m. LIM, M, KZN, WC, EC

cernua (L.) Pic.Serm.
Lycopodium cernuum L. (1)
Perennial. Herb, geophyte. Ht 200–400 mm. Alt 50–1600 m. LIM, NW, G, M, S, KZN, WC, EC

sarcocaulon (A.Braun & Welw. ex Kuhn) Pic.Serm.
Lycopodium carolinianum L. var. *grandifolium* Spring (1)
Lycopodium sarcocaulon A.Braun & Welw. ex Kuhn (1)
Perennial. Herb, geophyte. Ht 100–250 mm. Alt 100–1200 m. M, S, KZN

LYCOPODIUM L. 0112200

(1) Schelpe. 1970. *FZ* Pteridophyta: 17–22.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 132–142.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 5–13.
(4) Øllgaard. 1989. *Biologiske Skrifter* 34: 26–78.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 10–20.
(6) Retief & Herman. 1997. *Strelitzia* 6: 23.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 21, 22.

carolinianum L. var. *carolinianum* = **Lycopodiella caroliniana**

carolinianum L. var. *grandifolium* Spring = **Lycopodiella sarcocaulon**

cernuum L. = **Lycopodiella cernua**

clavatum L.
L. clavatum L. var. *inflexum* (P.Beauv.) Spring (3)
Perennial. Herb, geophyte, lithophyte. Ht 100–250 mm. Alt 275–2300 m. LIM, M, S, FS, KZN, WC, EC

clavatum L. var. *inflexum* (P.Beauv.) Spring = **L. clavatum**

complanatum L. subsp. *zanclophyllum* (J.H.Wilce) Schelpe = **L. zanclophyllum**

dacrydioides Baker = **Huperzia dacrydioides**

gnidioides L.f. = **Huperzia gnidioides**

gnidioides L.f. var. *pinifolium* (Kaulf.) Pappe & Raws. = **Huperzia gnidioides**

ophioglossoides Lam. = **Huperzia ophioglossoides**

sarcocaulon A.Br. & Welw. ex Kuhn = **Lycopodiella sarcocaulon**

saururus Lam. = **Huperzia saururus**

verticillatum L.f. = **Huperzia verticillata**

zanclophyllum J.H.Wilce
L. complanatum L. subsp. *zanclophyllum* (J.H.Wilce) Schelpe (8)
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 400–2000 m. WC, EC

LYGODIACEAE

Compiled by J.P. Roux

LYGODIUM Sw. 0127500

(1) Schelpe. 1970. *FZ* Pteridophyta: 57–59.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 179–181.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 55, 56.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 60–62.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 50.

***japonicum** (Thunb.) Sw.
Perennial. Herb, climber. Ht 1–10 m. Alt 5–20 m. EC

microphyllum (Cav.) R.Br.
Perennial. Herb, climber. Ht 1–10 m. Alt 10–50 m. KZN

MARATTIACEAE

Compiled by J.P. Roux

MARATTIA Sw. 0116600

(1) Schelpe. 1970. *FZ* Pteridophyta: 38–40.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 167, 168.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 37.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 49.
(5) Retief & Herman. 1997. *Strelitzia* 6: 24.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 35.

fraxinea Sm.
M. fraxinea Sm. var. *salicifolia* (Schrad.) C.Chr. (7)
Perennial. Herb, geophyte, lithophyte. Ht 0.3–4 m. Alt 15–1300 m. LIM, G, M, S, KZN, WC, EC

fraxinea Sm. var. *salicifolia* (Schrad.) C.Chr. = **M. fraxinea**

MARSILEACEAE

Compiled by J.P. Roux

MARSILEA L. 0203100

(1) Launert. 1969. *FSWA* 11: 1.
(2) Launert. 1970. In Schelpe, *FZ* Pteridophyta: 59–67.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 473–489.
(4) Launert. 1984. *Garcia de Orta, Sér. Botânica* 6: 119–140.
(5) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 57–65.
(6) Burrows. 1990. *Southern African ferns and fern allies*: 66–79.
(7) Retief & Herman. 1997. *Strelitzia* 6: 24, 25.
(8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 173–177.

aegyptiaca Willd.
Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 600–1500 m. N, B, M, NC

apposita Launert
Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 600–800 m. M

burchellii (Kunze) A.Braun
Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 792–1500 m. N, B, LIM, NW, FS, NC, WC, EC

capensis A.Braun
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 5–1515 m. LIM, NW, G, FS, NC, WC, EC

coromandelina Willd.
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1400 m. N, B, LIM

distorta A.Braun
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1100 m. N, B

ephippiocarpa Alston
Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 75–1400 m. N, B, LIM, M, S, KZN

farinosa Launert subsp. **arrecta** J.E.Burrows
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–900 m. B, LIM, NW

farinosa Launert subsp. **farinosa**
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 250–960 m. N, B, G, M, KZN

fenestrata Launert
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 100–1100 m. S, KZN

macrocarpa C.Presl
Perennial. Herb, hydrophyte. Ht 80–350 mm. Alt 155–1830 m. N, B, LIM, NW, G, FS, KZN, L, EC

minuta L. var. **minuta**
Perennial. Herb, hydrophyte. Ht 80–350 mm. Alt 150–300 m. S, KZN

nubica A.Braun var. **gymnocarpa** (Lepr. ex A.Braun) Launert
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1200 m. N, B

nubica A.Braun var. **nubica**
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1000 m. N

schelpeana Launert
Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 5–215 m. WC, EC

unicornis Launert
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1200 m. N

vera Launert
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1000 m. N, B

villifolia Bremek. & Oberm. ex Alston & Schelpe
Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1250 m. N, B, LIM, NW

PILULARIA L. 0203300

Roux. 2002. *Bothalia* 32: 82, 83.

americana A.Braun
Annual. Herb, hydrophyte. Ht 10–20 mm. Alt ± 600 m. NC

NEPHROLEPIDACEAE

Compiled by J.P. Roux

NEPHROLEPIS Schott 0178400

(1) Schelpe. 1970. *FZ* Pteridophyta: 159–162.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 321–323.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 167–169.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 204–207.
(5) Retief & Herman. 1997. *Strelitzia* 6: 19.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 110–113.

biserrata (Sw.) Schott

Perennial. Herb, geophyte. Ht 1–3 m. Alt 15–640 m. M, KZN

***exaltata** (L.) Schott

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.4–1.2 m. Alt 20–650 m. S, KZN, WC

OLEANDRACEAE

Compiled by J.P. Roux

ARTHROPTERIS J.Sm. 0196900

(1) Schelpe. 1970. *FZ* Pteridophyta: 162–165.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 324, 325.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 170.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 207.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 143.

monocarpa (Cordem.) C.Chr.

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 100–1300 m. M, S, KZN

OLEANDRA Cav. 0196800

(1) Schelpe. 1970. *FZ* Pteridophyta: 165, 166.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 326, 327.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 170, 171.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 208, 209.
(5) Retief & Herman. 1997. *Strelitzia* 6: 19.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 142, 143.

distenta Kunze

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 30–1400 m. LIM, G, M, S, KZN, EC

OPHIOGLOSSACEAE

Compiled by J.P. Roux

OPHIOGLOSSUM L. 0115200

(1) Launert. 1969. *FSWA* 2: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 34–38.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 160–166.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 31–35.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 39–48.
(6) Burrows & Edwards. 1993. *Bothalia* 23: 185–190.
(7) Burrows & Edwards. 1995. *Bothalia* 25: 61–63.
(8) Retief & Herman. 1997. *Strelitzia* 6: 25.
(9) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
(10) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 31–35.

bergianum Schltdl.

Perennial. Herb, geophyte. Ht 20–35 mm. Alt 250–700 m. NC, WC

caroticaule J.E.Burrows

Perennial. Herb, geophyte. Ht 40–60 mm. Alt 1200–1500 m. LIM, M

convexum J.E.Burrows

Perennial. Herb, geophyte. Ht 30–100 mm. Alt 1500–1875 m. M

costatum R.Br.

Perennial. Herb, geophyte. Ht 140–175 mm. Alt 450–1450 m. B, M

gomezianum Welw. ex A.Braun

Perennial. Herb, geophyte. Ht 35–60 mm. Alt 470–1500 m. LIM, M

gracile Pocock ex J.E.Burrows

Perennial. Herb, geophyte. Ht 75–110 mm. Alt 750–1000 m. WC

gracillimum Welw. ex Hook. & Baker

Perennial. Herb, geophyte. Ht 30–45 mm. Alt 1000–1300 m. LIM

lancifolium C.Presl

Perennial. Herb, geophyte. Ht 55–90 mm. Alt 500–1400 m. N, B

lusoafricanum Welw. ex Prantl

Perennial. Herb, geophyte. Ht 47–100 mm. Alt 500–1900 m. LIM, M, S, FS, KZN, EC

nudicaule L.f.

Perennial. Herb, geophyte. Ht 15–40 mm. Alt 183–700 m. NC, WC, EC

polyphyllum A.Braun

Perennial. Herb, geophyte. Ht 55–85 mm. Alt 50–2000 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

reticulatum L. subsp. **reticulatum**
Perennial. Herb, geophyte. Ht 100–200 mm. Alt 50–1700 m. N, LIM, G, M, S, KZN, EC

rubellum Welw. ex A.Braun
Perennial. Herb, geophyte. Ht 15–70 mm. Alt 1000–1200 m. M

vulgatum L. subsp. **africanum** Pocock ex J.E.Burrows var. **africanum**
Perennial. Herb, geophyte. Ht 85–165 mm. Alt 50–1950 m. LIM, NW, M, FS, KZN, EC

vulgatum L. subsp. **kilimandscharicum** (Hieron.) J.E.Burrows
O. vulgatum L. var. *kilimandscharicum* Hieron. (6)
Perennial. Herb, geophyte. Ht 85–165 mm. Alt 1500–1900 m. M, KZN

vulgatum L. var. *kilimandscharicum* Hieron. = **O. vulgatum** subsp. **kilimandscharicum**

OSMUNDACEAE

Compiled by J.P. Roux

OSMUNDA L. 0117600

(1) Schelpe. 1970. *FZ* Pteridophyta: 44–46.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 169, 170.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 43–45.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 49, 50.
(5) Retief & Herman. 1997. *Strelitzia* 6: 26.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44, 45.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 36.

crenata Desv. = **Mohria marginalis**

marginalis Savigny = **Mohria marginalis**

regalis L.
O. schelpei Bobrov (3)
O. transvaalensis Bobrov (3)
Perennial. Herb, geophyte, lithophyte. Ht 0.2–1.52 m. Alt 10–2000 m. LIM, NW, G, M, S, FS, KZN, WC, EC

schelpei Bobrov = **O. regalis**

thurifera Sw. = **Mohria caffrorum**

thurifraga Comm. ex Bory, naked name = **Mohria marginalis**

thurifraga Comm. ex Savigny, naked name = **Mohria marginalis**

transvaalensis Bobrov = **O. regalis**

TODEA Willd. ex Bernh. 0117700

(1) Schelpe. 1970. *FZ* Pteridophyta: 46.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 170, 171.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 45.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 50, 51.
(5) Retief & Herman. 1997. *Strelitzia* 6: 26.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 36, 37.

barbara (L.) T.Moore
Perennial. Herb, geophyte. Ht 0.45–3 m. Alt 0–1600 m. LIM, M, S, KZN, NC, WC, EC

PARKERIACEAE

Compiled by J.P. Roux

CERATOPTERIS Brongn. 0129000

(1) Schelpe. 1970. *FZ* Pteridophyta: 102–105.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 217, 218.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 95, 96.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 112–114.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 55.

cornuta (P.Beauv.) Lepr. = **C. thalictroides**

thalictroides (L.) Brongn.
cornuta (P.Beauv.) Lepr. (5)
Perennial. Herb, hydrophyte. Ht 250–350 mm. Alt 20–600 m. N, B, S, KZN

POLYPODIACEAE

Compiled by J.P. Roux

LEPISORUS (J.Sm.) Ching 0160100

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 100.

excavatus (Bory ex Willd.) Ching
Pleopeltis excavata (Bory ex Willd.) Sledge (1)
Perennial. Herb, epiphyte, lithophyte. Ht 150–350 mm. Alt 700–1980 m. LIM, M

schraderi (Mett.) Ching
Pleopeltis schraderi (Mett.) Tardieu (1)
Perennial. Herb, epiphyte, lithophyte. Ht 130–340 mm. Alt 50–1800 m. LIM, M, S, FS, KZN, L, WC, EC

LOXOGRAMME (Blume) C.Presl 0167600

(1) Schelpe. 1970. *FZ* Pteridophyta: 149–151.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 306, 307.

(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 156.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 187, 188.
(5) Retief & Herman. 1997. *Strelitzia* 6: 26.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 105, 106.

abyssinica (Baker) M.G.Price
L. lanceolata (Sw.) C.Presl, of author (6)
Perennial. Herb, epiphyte, lithophyte. Ht 60–150 mm. Alt 75–1940 m. LIM, M, S, KZN, EC

lanceolata (Sw.) C.Presl, of author = **L. abyssinica**.

MICROGRAMMA C.Presl 0164600

(1) Schelpe. 1970. *FZ* Pteridophyta: 155, 156.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 311, 312.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 162.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 198, 199.
(5) Retief & Herman. 1997. *Strelitzia* 6: 26.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 103.

lycopodioides (L.) Copel., of author = **M. mauritiana**

mauritiana (Willd.) Tardieu
M. lycopodioides (L.) Copel., of author (6)
Perennial. Herb, epiphyte, lithophyte. Ht 60–160 mm. Alt 10–650 m. M, S, KZN

MICROSORUM Link 0161600

(1) Schelpe. 1970. *FZ* Pteridophyta: 156–158.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 312–316.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 162–167.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 199–202.
(5) Bosman. 1991. *Leiden Botanical Series* 14: 1–161.
(6) Retief & Herman. 1997. *Strelitzia* 6: 26, 27.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 100–102.

ensiforme (Thunb.) Schelpe = **Polypodium ensiforme**

pappei (Mett. ex Kuhn) Ching
Perennial. Herb, epiphyte, lithophyte. Ht 150–760 mm. Alt 500–1100 m. KZN

punctatum (L.) Copel.
Perennial. Herb, epiphyte, lithophyte. Ht 500–900 mm. Alt 5–185 m. KZN, EC

***scandens** (G.Forst.) Tindale
Phymatosorus scandens (G.Forst.) Pic.Serm. (5)
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 200–300 m. WC

scolopendria (Burm.f.) Copel.
Phymatodes scolopendria (Burm.f.) Ching (1)
Phymatosorus scolopendria (Burm.f.) Pic.Serm. (5)
Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm. Alt 20–1000 m. M, KZN, EC

PHLEBODIUM (R.Br.) J.Sm. 0164300

aureum* (L.) J.Sm. = **Polypodium aureum

PHYMATODES C.Presl 0164000

ensiformis (Thunb.) Schelpe = **Polypodium ensiforme**

scolopendria (Burm.f.) Ching = **Microsorum scolopendria**

PHYMATOSORUS Pic.Serm. 0162500

ensiformis (Thunb.) Pic.Serm. = **Polypodium ensiforme**

scandens (G.Forst.) Pic.Serm. = **Microsorum scandens**

scolopendria (Burm.f.) Pic.Serm. = **Microsorum scolopendria**

PLEOPELTIS Humb. & Bonpl. ex Willd. 0164900

(1) Schelpe. 1970. *FZ* Pteridophyta: 151–153.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 307–310.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 159–161.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 195–198.
(5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 103–105.

excavata (Bory ex Willd.) Sledge = **Lepisorus excavatus**

macrocarpa (Bory ex Willd.) Kaulf.
Perennial. Herb, epiphyte, lithophyte. Ht 60–200 mm. Alt 50–1900 m. LIM, G, M, S, FS, KZN, WC, EC

macrocarpa (Bory ex Willd.) Kaulf. forma *sinuata* (Sim) Schelpe = × **Pleopodium simianum**

schraderi (Mett.) Tardieu = **Lepisorus schraderi**

× PLEOPODIUM Schelpe & N.C.Anthony 0167000

(1) Anthony & Schelpe. 1985. *Bothalia* 15: 555–559.
(2) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 159.
(3) Burrows. 1990. *Southern African ferns and fern allies*: 194, 195.
(4) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 105.

simianum Schelpe & N.C.Anthony
Pleopeltis macrocarpa (Bory ex Willd.) Kaulf. forma *sinuata* (Sim) Schelpe (1)
Perennial. Herb, epiphyte, lithophyte. Ht 100–150 mm. Alt 50–1800 m. LIM, M, KZN, WC, EC

POLYPODIUM L. 0163700

(1) Schelpe. 1970. *FZ* Pteridophyta: 158, 159.
(2) Pichi Sermolli. 1973. *Webbia* 28: 445–477.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 317–319.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 156–158.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 193, 194.
(6) Retief & Herman. 1997. *Strelitzia* 6: 27.
(7) Roux. 1999. *Bothalia* 29: 103–107.
(8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 102, 103.

***aureum** L.
Phlebodium aureum (L.) J.Sm. (8)
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.6–1 m. Alt 50–400 m. KZN

caffrorum L. = **Mohria caffrorum**

ensiforme Thunb. (5)
Microsorum ensiforme (Thunb.) Schelpe (1)
Phymatodes ensiformis (Thunb.) Schelpe (3)
Phymatosorus ensiformis (Thunb.) Pic.Serm. (2)

polypodioides (L.) Hitchc. subsp. **ecklonii** (Kunze) Schelpe
Perennial. Herb, epiphyte, lithophyte. Ht 25–200 mm. Alt 200–1700 m. LIM, G, M, S, FS, KZN, EC

vulgare L.
Perennial. Herb, epiphyte, lithophyte. Ht 80–200 mm. Alt 915–2428 m. M, FS, KZN, L, WC, EC

PYRROSIA Mirb. 0155200

(1) Schelpe. 1970. *FZ* Pteridophyta: 146–149.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 302–306.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 153–155.
(4) Hovenkamp. 1986. *Leiden Botanical Series* 9: 1–130.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 189–192.
(6) Retief & Herman. 1997. *Strelitzia* 6: 27.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 97, 98.

africana (Kunze) F.Ballard
Perennial. Herb, epiphyte, lithophyte. Ht 75–350 mm. Alt 25–700 m. KZN, EC

schimperiana (Mett. ex Kuhn) Alston var. **schimperiana**
Perennial. Herb, epiphyte, lithophyte. Ht 200–300 mm. Alt 1400–1650 m. M

PSILOTACEAE

Compiled by J.P. Roux

PSILOTUM Sw. 0110100

(1) Schelpe. 1970. *FZ* Pteridophyte: 15.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 130, 131.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 1–3.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 10.
(5) Retief & Herman. 1997. *Strelitzia* 6: 27.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 116, 117.

nudum (L.) P.Beauv.
Perennial. Herb, epiphyte, lithophyte. Ht 150–300 mm. Alt 20–1500 m. LIM, M, S, FS, KZN, L, EC

PTERIDACEAE

Compiled by J.P. Roux

ACROSTICHUM L. 0141500

(1) Schelpe. 1970. *FZ* Pteridophyta: 98, 99.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 218–220.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 91–93.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 114.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 81, 82.

aureum L.
Perennial. Herb, geophyte, hydrophyte. Ht 1–2.5 m. Alt 0–20 m. KZN

viscosum Sw. var. *rupestre* Sim in part = **Elaphoglossum conforme**

ACTINIOPTERIS Link 0133100

(1) Launert. 1969. *FSWA* 4: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 136–138.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 290–293.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 148, 149.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 178–182.
(6) Retief & Herman. 1997. *Strelitzia* 6: 8.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 58, 59.

dimorpha Pic.Serm.
Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm. Alt 640–1435 m. LIM, M

radiata (J.König ex Sw.) Link
Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm. Alt 200–1600 m. N, B, LIM, NW, M, S, KZN, NC

semiflabellata Pic.Serm.
Perennial. Herb, geophyte, lithophyte. Ht 140–180 mm. Alt 800–1200 m. N

ADIANTUM L. 0138500

(1) Launert. 1969. *FSWA* 6: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 108–113.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 223–233.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 99–105.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 118–126.
(6) Retief & Herman. 1997. *Strelitzia* 6: 8.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 73–77.

aethiopicum L.
Perennial. Herb, geophyte. Ht 100–200 mm. Alt 30–335 m. WC, EC

capillus-veneris L.
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 20–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hispidulum Sw.
Perennial. Herb, geophyte. Ht 200–300 mm. Alt 250–620 m. LIM, KZN, WC

incisum Forssk.
Perennial. Herb, lithophyte. Ht 150–200 mm. Alt 610–1310 m. N, B, LIM, M

poiretii Wikstr.
Perennial. Herb, geophyte, lithophyte. Ht 200–330 mm. Alt 100–1600 m. N, LIM, G, M, S, FS, KZN, WC, EC

***raddianum** C.Presl
Perennial. Herb, geophyte. Ht 250–350 mm. Alt 100–1650 m. LIM, M, S, KZN, WC, EC

ANOGRAMMA Link 0132200

(1) Launert. 1969. *FSWA* 5: 1.
(2) Schelpe. 1970. *FZ* Pteridophyta: 99–102.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 220, 221.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 93–95.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 114, 115.
(6) Retief & Herman. 1997. *Strelitzia* 6: 8.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 57, 58.

leptophylla (L.) Link
Annual. Herb, geophyte. Ht 10–25 mm. Alt 250–1700 m. NW, FS, KZN, WC

CHEILANTHES Sw. 0136000

(1) Launert. 1969. *FSWA* 7: 1–5.
(2) Schelpe. 1970. *FZ* Pteridophyta: 122–128.
(3) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 143–161.
(4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 246–268.
(5) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 111–140.

(6) Burrows. 1990. *Southern African ferns and fern allies*: 127–155.
(7) Retief & Herman. 1997. *Strelitzia* 6: 8–10.
(8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46, 47.
(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 59–67.

bergiana Schltdl.
Perennial. Herb, geophyte. Ht 150–450 mm. Alt 5–1525 m. LIM, G, M, S, KZN, WC, EC

botswanae Schelpe & N.C.Anthony
Perennial. Herb, geophyte, lithophyte. Ht 90–200 mm. Alt 1200–1400 m. B, LIM

capensis (Thunb.) Sw.
Perennial. Herb, geophyte, lithophyte. Ht 200–260 mm. Alt 100–1578 m. N, FS, KZN, L, NC, WC, EC

concolor (Langsd. & Fisch.) R.M.Tryon & A.F.Tryon = **Doryopteris concolor**

contracta (Kunze) Mett. ex Kuhn
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 100–1525 m. M, NC, WC, EC

deltoidea Kunze
Perennial. Herb, geophyte. Ht 60–100 mm. Alt 120–1340 m. N, LIM, NC, WC

depauperata Baker
Perennial. Herb, geophyte, lithophyte. Ht 80–260 mm. Alt 1100–1465 m. NC, WC

dinteri Brause
Perennial. Herb, geophyte, lithophyte. Ht 80–180 mm. Alt 500–1850 m. N

dolomiticola (Schelpe) Schelpe & N.C.Anthony
Pellaea dolomiticola Schelpe (2)
Perennial. Herb, lithophyte. Ht 80–120 mm. Alt 700–1695 m. LIM, NW, G, NC

eckloniana (Kunze) Mett.
Notholaena eckloniana Kunze (2)
Perennial. Herb, geophyte, lithophyte. Ht 250–300 mm. Alt 100–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fusca Blume = **Mohria caffrorum**

hastata (L.f.) Kunze
Pellaea hastata (L.f.) Link var. *hastata* (4)
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 30–1700 m. N, NC, WC

hirta Sw.
C. hirta Sw. var. *brevipilosa* W.Jacobsen & N.Jacobsen (9)
C. hirta Sw. var. *hyaloglandulosa* (W.Jacobsen & N.Jacobsen) J.E.Burrows (9)
C. hirta Sw. var. *inferacampestris* W.Jacobsen & N.Jacobsen (9)
C. hirta Sw. var. *nemerosa* W.Jacobsen & N.Jacobsen (9)
C. hyaloglandulosa W.Jacobsen & N.Jacobsen (9)
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 15–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hirta Sw. var. *brevipilosa* W.Jacobsen & N.Jacobsen = **C. hirta**

hirta Sw. var. *hyaloglandulosa* (W.Jacobsen & N.Jacobsen) J.E.Burrows = **C. hirta**

hirta Sw. var. *inferacampestris* W.Jacobsen & N.Jacobsen = **C. hirta**

hirta Sw. var. *nemerosa* W.Jacobsen & N.Jacobsen = **C. hirta**

hyaloglandulosa W.Jacobsen & N.Jacobsen = **C. hirta**

inaequalis (Kunze) Mett. var. **buchananii** (Baker) Schelpe
Perennial. Herb, geophyte, lithophyte. Ht 80–150 mm. Alt 100–1200 m. LIM, M, KZN, EC

inaequalis (Kunze) Mett. var. **inaequalis**
Notholaena inaequalis Kunze (1)
Perennial. Herb, geophyte, lithophyte. Ht 80–160 mm. Alt 100–1400 m. N, B, LIM, M, KZN

induta Kunze
Perennial. Herb, geophyte, lithophyte. Ht 150–270 mm. Alt 100–1500 m. NC, WC, EC

involuta (Sw.) Schelpe & N.C.Anthony var. **involuta**
Pellaea viridis (Forssk.) Prantl var. *involuta* (Sw.) Schelpe (3)
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 330–1830 m. M, G, WC, EC

involuta (Sw.) Schelpe & N.C.Anthony var. **obscura** (N.C.Anthony) N.C.Anthony
C. viridis (Forssk.) Sw. var. *obscura* N.C.Anthony (5)
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 365–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

kunzei Mett.
Pellaea hastata (L.f.) Link var. *minor* (Kunze) Schelpe (5)
Perennial. Herb, geophyte, lithophyte. Ht 25–100 mm. Alt 600–1000 m. N, NC

marlothii (Hieron.) Schelpe
Notholaena marlothii Hieron. (4)
Perennial. Herb, geophyte, lithophyte. Ht 180–260 mm. Alt 1700–2000 m. N, LIM, NW

multifida (Sw.) Sw.
C. multifida (Sw.) Sw. subsp. *lacerata* N.C.Anthony & Schelpe (9)
Perennial. Herb, geophyte, lithophyte. Ht 100–300 mm. Alt 50–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

multifida (Sw.) Sw. subsp. *lacerata* N.C.Anthony & Schelpe = **C. multifida**

namaquensis (Baker) Schelpe & N.C.Anthony
Pellaea namaquensis Baker (3)
Perennial. Herb, geophyte, lithophyte. Ht 80–110 mm. Alt 273–789 m. N, NC, WC

nielsii Jacobsen
Perennial. Herb, lithophyte. Ht 75–140 mm. Alt 700–1100 m. N, LIM

parviloba (Sw.) Sw.
Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm. Alt 120–2338 m. N, LIM, FS, L, WC, EC

pentagona Schelpe & N.C.Anthony
Perennial. Herb, lithophyte. Ht 100–200 mm. Alt 800–1900 m. N, LIM, G

quadripinnata (Forssk.) Kuhn
Pellaea quadripinnata (Forssk.) Prantl (4)
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 200–2100 m. LIM, G, M, S, FS, KZN, L, WC, EC

rawsonii (Pappe) Mett. ex Kuhn
Notholaena rawsonii Pappe (4)
Perennial. Herb, lithophyte. Ht 150–250 mm. Alt 400–1700 m. N, NC

robusta (Kunze) R.M.Tryon
Pellaea robusta (Kuntze) Hook. (4)
Perennial. Herb, geophyte. Ht 20–160 mm. Alt 50–1200 m. N, NC, WC

viridis (Forssk.) Sw. var. **glauca** (Sim) Schelpe & N.C.Anthony
Pellaea viridis (Forssk.) Prantl var. *glauca* (Sim) Sim (3)

Perennial. Herb, geophyte, lithophyte. Ht 150–350 mm. Alt 15–1950 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

viridis (Forssk.) Sw. var. **macrophylla** (Kunze) Schelpe & N.C.Anthony
Pellaea viridis (Forssk.) Prantl var. *macrophylla* (Kunze) Sim (2)
Perennial. Herb, geophyte. Ht 200–350 mm. Alt 120–1829 m. M, S, KZN, WC, EC

viridis (Forssk.) Sw. var. *obscura* N.C.Anthony = **C. involuta** var. **obscura**

viridis (Forssk.) Sw. var. **viridis**
Pellaea viridis (Forssk.) Prantl var. *viridis* (2)
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 10–1980 m. N, LIM, NW, G, M, S, FS, KZN, WC, EC

DORYOPTERIS J.Sm. 0137000

(1) Launert. 1969. *FSWA* 7: 3.
(2) Jacobsen. 1983. *The fern and fern allies of southern Africa*: 244–246.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 121.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 155–158.
(5) Retief & Herman. 1997. *Strelitzia* 6: 10.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 72, 73.

concolor (Langsd. & Fisch.) Kuhn
Cheilanthes concolor (Langsd. & Fisch.) R.Tryon & A.F.Tryon (2)
Perennial. Herb, geophyte. Ht 200–300 mm. Alt 100–200 m. N, B, LIM, NW, M, S, KZN, WC, EC

pilosa (Poir.) Kuhn var. **gemmifera** J.E.Burrows & S.E.Strauss
Perennial. Herb, geophyte. Ht 60–120 mm. Alt 800–1350 m. LIM

NOTHOLAENA R.Br. 0136700

eckloniana Kunze = **Cheilanthes eckloniana**

inaequalis Kunze = **Cheilanthes inaequalis** var. **inaequalis**

marlothii Hieron. = **Cheilanthes marlothii**

rawsonii Pappe = **Cheilanthes rawsonii**

PELLAEA Link 0136800

(1) Launert. 1969. *FSWA* 7: 5, 6.
(2) Schelpe. 1970. *FZ* Pteridophyta: 128–136.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 268–290.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 140–148.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 167–177.
(6) Retief & Herman. 1997. *Strelitzia* 6: 10.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 47, 48.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 68–72.

boivinii Hook.
Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm. Alt 900–1850 m. LIM, G, M

calomelanos (Sw.) Link var. **calomelanos**
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 100–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

calomelanus (Sw.) Link var. *leucomelas* (Mett. ex Kuhn) J.E.Burrows = **P. leucomelas**

dolomiticola Schelpe = **Cheilanthes dolomiticola**

dura (Willd.) Hook.
Perennial. Herb, geophytc, lithophyte. Ht 150–240 mm. Alt 900–1800 m. N, LIM, NW, M, S, KZN

goudotii Kunze ex C.Chr. = **P. pectiniformis**

hastata (L.f.) Link var. *hastata* = **Cheilanthes hastata**

hastata (L.f.) Link var. *minor* (Kunze) Schelpe = **Cheilanthes kunzei**

leucomelas (Mett. ex Kuhn) Baker
P. calomelanus (Sw.) Link var. *leucomelas* (Mett. ex Kuhn) J.E.Burrows (6)
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 215–1000 m. WC, EC

namaquensis Baker = **Cheilanthes namaquensis**

pectiniformis Baker
P. goudotii Kunze ex C.Chr. (3)
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 400–1300 m. N, LIM, G, M, S, KZN

pteroides (L.) Prantl
Perennial. Herb, geophyte, lithophyte. Ht 250–400 mm. Alt 15–1765 m. NC, WC

quadripinnata (Forssk.) Prantl = **Cheilanthes quadripinnata**

robusta (Kuntze) Hook. = **Cheilanthes robusta**

rufa A.F.Tryon
Perennial. Herb, lithophyte, geophyte. Ht 90–230 mm. Alt 800–1200 m. WC

viridis (Forssk.) Prantl var. *glauca* (Sim) Sim = **Cheilanthes viridis** var. **glauca**

viridis (Forssk.) Prantl var. *involuta* (Sw.) Schelpe = **Cheilanthes involuta** var. **involuta**

viridis (Forssk.) Prantl var. *macrophylla* (Kunze) Sim = **Cheilanthes viridis** var. **macrophylla**

viridis (Forssk.) Prantl var. *viridis* = **Cheilanthes viridis** var. **viridis**

PITYROGRAMMA Link 0131900

(1) Schelpe. 1970. *FZ* Pteridophyta: 105–108.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 221–223.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 97–99.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 115, 116.
(5) Retief & Herman. 1997. *Strelitzia* 6: 10, 11.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 56, 57.

argentea (Willd.) Domin
Perennial. Herb, geophyte, lithophyte. Ht 150–280 mm. Alt 900–1600 m. LIM, NW, G, M, FS, KZN

***calomelanos** (L.) Link var. **aureoflava** (Hook.) Weath. ex Bailey
Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm. Alt 10–1750 m. M, S, KZN, EC

PTERIS L. 0140600

(1) Schelpe. 1970. *FZ* Pteridophyta: 115–121.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 234–244.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 105–110.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 158–166.
(5) Retief & Herman. 1997. *Strelitzia* 6: 11.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 77–81.

buchananii Baker ex Sim
Perennial. Herb, geophyte, hydrophyte. Ht 0.58–2.5 m. Alt 50–1280 m. LIM, M, KZN, WC, EC

catoptera Kunze var. **catoptera**
Perennial. Herb, geophyte. Ht 0.4–1.75 m. Alt 50–2200 m. LIM, M, S, KZN, EC

catoptera Kunze var. **horridula** Schelpe
Perennial. Herb, geophyte. Ht 0.4–1.75 m. Alt 1200–1600 m. M, S

cretica L.
Perennial. Herb, geophyte, lithophyte. Ht 250–450 mm. Alt 75–1800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

dentata Forssk.
Perennial. Herb, geophyte. Ht 0.4–1.2 m. Alt 30–1725 m. LIM, NW, G, M, S, KZN, L, WC, EC

friesii Hieron.
Perennial. Herb, geophyte. Ht 0.4–1.3 m. Alt 350–1750 m. LIM, NW, S, KZN

***tremula** R.Br.
Perennial. Herb, geophyte, lithophyte. Ht 0.4–1.6 m. Alt 150–350 m. WC

vittata L.
Perennial. Herb, geophyte, lithophyte. Ht 0.1–1.52 m. Alt 220–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, EC

SALVINIACEAE

Compiled by J.P. Roux

SALVINIA Ség. 0204300

(1) Schelpe. 1970. *FZ* Pteridophyta: 67–69.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 490–492.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 67.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 80, 81.
(5) Retief & Herman. 1997. *Strelitzia* 6: 28.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 178.

auriculata of author, not of Aubl., misapplied name = **S. molesta**

***molesta** D.S.Mitch.
S. auriculata of author, not of Aubl., misapplied name (3)
Perennial. Herb, hydrophyte. Ht 20–30 mm. Alt 5–1500 m. N, B, LIM, NW, KZN, WC, EC

SCHIZAEACEAE

Compiled by J.P. Roux

SCHIZAEA Sm. 0126800

(1) Schelpe. 1970. *FZ* Pteridophyta: 52.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 172–174.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 49–51.
(4) Burrows. 1990. *Southern african ferns and fern allies*: 56–58.
(5) Retief & Herman. 1997. *Strelitzia* 6: 29.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 49.

pectinata (L.) Sw.
Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm. Alt 46–1500 m. LIM, M, S, KZN, WC, EC

tenella Kaulf.
Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 245–1350 m. LIM, M, KZN, WC, EC

SELAGINELLACEAE

Compiled by J.P. Roux

SELAGINELLA P.Beauv. 0113200

(1) Schelpe. 1970. *FZ* Pteridophyta: 22–29.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 142–150.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 15–21.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 21–29.
(5) Retief & Herman. 1997. *Strelitzia* 6: 29.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 24–28.

caffrorum (Milde) Hieron.
Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 0–2000 m. LIM, G, M, FS, KZN, L, WC, EC

dregei (C.Presl) Hieron.
S. grisea Alston (1)
Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 200–1900 m. B, LIM, G, M, S, FS, KZN, L, EC

grisea Alston = **S. dregei**

imbricata (Forssk.) Spring ex Decne.
Perennial. Herb, geophyte, lithophyte. Ht 10–250 mm. Alt 450–2100 m. N, S, FS, KZN, L

kraussiana (Kunze) A.Braun
Perennial. Herb, geophyte, lithophyte. Ht 20–60 mm. Alt 30–1300 m. LIM, NW, M, S, KZN, WC, EC

mittenii Baker
Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 100–2050 m. LIM, G, M, S, FS, KZN, L, EC

nivea Alston
Perennial. Herb, geophyte. Ht 5–10 mm. Alt 200–400 m. B

njam-njamensis Hieron.
Perennial. Herb, geophyte. Ht 5–10 mm. Alt 400–600 m. B

pygmaea (Kaulf.) Alston
Annual. Herb, geophyte. Ht 20–80 mm. Alt 50–700 m. WC, EC

TECTARIACEAE

Compiled by J.P. Roux

CTENITIS (C.Chr.) C.Chr. 0192300

lanuginosa (Willd. ex Kaulf.) Copel. = **Megalastrum lanuginosum**

MEGALASTRUM Holttum 0192400

(1) Holttum. 1987. *Gardens' Bulletin of the Straits Settlements* 39: 153–167.
(2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 135.

lanuginosum (Willd. ex Kaulf.) Holttum
Ctenitis lanuginosa (Willd. ex Kaulf.) Copel. (1)
Perennial. Herb, geophyte. Ht 0.76–2.5 m. Alt 100–1675 m. LIM, G, M, S, KZN, WC, EC

TECTARIA Cav. 0191700

(1) Schelpe. 1970. *FZ* Pteridophyta: 234, 235.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 456, 457.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 265.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 324, 325.
(5) Retief & Herman. 1997. *Strelitzia* 6: 13.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 132, 133.

gemmifera (Fée) Alston
Perennial. Herb, geophyte. Ht 0.9–1.21 m. Alt 250–1200 m. LIM, M, S, KZN

THELYPTERIDACEAE

Compiled by J.P. Roux

AMAUROPELTA Kunze 0182800

(1) Holttum. 1974. *Journal of South African Botany* 40: 130–136.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 382–386.
(3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
(4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 115, 116.

bergiana (Schltdl.) Holttum
Thelypteris bergiana (Schltdl.) Ching (1)
Perennial. Herb, geophyte, lithophyte. Ht 0.3–1 m. Alt 137–1500 m. LIM, M, S, KZN, WC, EC

knysnaensis (N.C.Anthony & Schelpe) Parris
Thelypteris knysnaensis N.C.Anthony & Schelpe (3)
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 200–600 m. WC

oppositiformis (C.Chr.) Holttum
Thelypteris oppositiformis (C.Chr.) Ching (1)
Perennial. Herb, geophyte. Ht 200–500 mm. Alt 1400–1600 m. M

AMPELOPTERIS Kunze 0181000

(1) Holttum. 1974. *Journal of South African Botany* 40: 153.
(2) Schelpe. 1970. *FZ* Pteridophyta: 200–202.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 220, 221.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 270–272.
(5) Retief & Herman. 1997. *Strelitzia* 6: 30.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 113, 114.

prolifera (Retz.) Copel.
Thelypteris prolifera (Retz.) P.J.Vorster (3)
Perennial. Herb, hydrophyte. Ht 0.6–2 m. Alt 185–1200 m. LIM, M, S, KZN

CHRISTELLA H.Lév. 0187600

(1) Holttum. 1974. *Journal of South African Botany* 40: 139–148.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 386–393.
(3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
(4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 118–121.

altissima Holttum
Thelypteris altissima (Holttum) P.J.Vorster (4)
Perennial. Herb, geophyte. Ht 1.5–2 m. Alt 10–800 m. LIM, KZN

buchananii (Schelpe) J.P.Roux
Thelypteris dentata (Forssk.) E.P.St.John var. *buchananii* Schelpe (4)
Perennial. Herb, geophyte. Ht 0.5–1.6 m. Alt 1000–1200 m. KZN

chaseana (Schelpe) Holttum
Thelypteris chaseana Schelpe (1)
Perennial. Herb, geophyte. Ht 250–760 mm. Alt 1000–1650 m. LIM, M

dentata (Forssk.) Holttum
Thelypteris dentata (Forssk.) E.P.St.John (1)
Perennial. Herb, geophyte. Ht 0.3–1.6 m. Alt 15–1500 m. LIM, G, M, S, KZN, EC

gueinziana (Mett.) Holttum
Thelypteris gueinziana (Mett.) Schelpe (1)
Perennial. Herb, geophyte, lithophyte. Ht 500–950 mm. Alt 50–1500 m. LIM, NW, M, S, KZN, WC, EC

hispidula (Decne.) Holttum
Thelypteris hispidula (Decne.) Reed (1)
Perennial. Herb, geophyte. Ht 350–700 mm. Alt 1000–1200 m. S, KZN

CYCLOSORUS Link 0182500

(1) Holttum. 1974. *Journal of South African Botany* 40: 151–153.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 396–398.
(3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
(4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 114, 115.

interruptus (Willd.) H.Itô
Thelypteris interrupta (Willd.) K.Iwats. (1)
Thelypteris totta (Thunb.) Schelpe (1)
Perennial. Herb, hydrophyte. Ht 0.4–1.6 m. Alt 10–1300 m. N, B, LIM, M, S, KZN, WC, EC

*MACROTHELYPTERIS (H.Itô) Ching 0182200

(1) Holttum. 1974. *Journal of South African Botany* 40: 126, 127.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 381, 382.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 219, 220.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 272, 273.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 114.

torresiana (Gaudich.) Ching
Perennial. Herb, geophyte. Ht 1.5–1.6 m. Alt 30–400 m. KZN

PNEUMATOPTERIS Nakai 0187300

(1) Holttum. 1974. *Journal of South African Botany* 40: 154–161.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 399, 400.
(3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 118.

unita (Kunze) Holttum
Thelypteris madagascariensis (Fée) Schelpe (1)
Perennial. Herb, geophyte, lithophyte. Ht 0.8–1.8 m. Alt 200–1800 m. LIM, M, S, KZN, EC

PSEUDOCYCLOSORUS Ching 0182600

(1) Holttum. 1974. *Journal of South African Botany* 40: 137–139.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 384–386.
(3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 115.

pulcher (Bory ex Willd.) Holttum
Thelypteris pulchra (Bory ex Willd.) Schelpe (3)
Perennial. Herb, geophyte. Ht 200–600 mm. Alt 900–1000 m. M

STEGNOGRAMMA Blume 0186700

(1) Holttum. 1974. *Journal of South African Botany* 40: 148–150.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 393–395.
(3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
(4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 117.

pozoi (Lag.) K.Iwats.
Thelypteris pozoi (Lag.) Morton (4)
Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm. Alt 50–1200 m. LIM, M, S, KZN, WC, EC

THELYPTERIS Schmidel 0183100

(1) Launert. 1969. *FSWA* 10: 1.
(2) Holttum. 1974. *Journal of South African Botany* 40: 150, 151.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 395, 396.
(4) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 207–219.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 258–272.
(6) Retief & Herman. 1997. *Strelitzia* 6: 30.
(7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 50.
(8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 116, 117.

altissima (Holttum) P.J.Vorster = **Christella altissima**
bergiana (Schltdl.) Ching = **Amauropelta bergiana**
chaseana Schelpe = **Christella chaseana**
confluens (Thunb.) Morton
Perennial. Herb, geophyte, hydrophyte. Ht 300–450 mm. Alt 5–1829 m. N, B, LIM, NW, G, M, S, KZN, WC, EC
dentata (Forssk.) E.P.St.John = **Christella dentata**
dentata (Forssk.) E.P.St.John var. *buchananii* Schelpe = **Christella buchananii**
gueinziana (Mett.) Schelpe = **Christella gueinziana**
hispidula (Decne.) Reed = **Christella hispidula**
interrupta (Willd.) K.Iwats. = **Cyclosorus interruptus**
knysnaensis N.C.Anthony & Schelpe = **Amauropelta knysnaensis**
madagascariensis (Fée) Schelpe = **Pneumatopteris unita**
oppositiformis (C.Chr.) Ching = **Amauropelta oppositiformis**
pozoi (Lag.) F.Morton = **Stegnogramma pozoi**
prolifera (Retz.) P.J.Vorster = **Ampelopteris prolifera**
pulchra (Bory ex Willd.) Schelpe = **Pseudocyclosorus pulcher**
totta (Thunb.) Schelpe = **Cyclosorus interruptus**

VITTARIACEAE

Compiled by J.P. Roux

VITTARIA Sm. 0144300

(1) Schelpe. 1970. *FZ* Pteridophyta: 94–96.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 213–216.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 89, 90.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 108–112.
(5) Retief & Herman. 1997. *Strelitzia* 6: 31.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 50.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 82–84.

isoetifolia Bory
Perennial. Herb, epiphyte. Ht 50–900 mm. Alt 200–1200 m. LIM, M, S, KZN, WC, EC

WOODSIACEAE

Compiled by J.P. Roux

ATHYRIUM Roth 0194100

(1) Schelpe. 1970. *FZ* Pteridophyta: 202–204.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 403–406.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 221–225.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 273, 274.
(5) Retief & Herman. 1997. *Strelitzia* 6: 16.

(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 136, 137.

scandicinum (Willd.) C.Presl
Perennial. Herb, geophyte. Ht 300–600 mm. Alt 400–1500 m. LIM, M, S, FS, KZN

schimperi Moug. ex Fée
Perennial. Herb, geophyte. Ht 250–700 mm. Alt 500–1600 m. M, KZN, EC

CYSTOPTERIS Bernh. 0195100

(1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 402, 403.
(2) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 229, 230.
(3) Burrows. 1990. *Southern African ferns and fern allies*: 279, 280.
(4) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 16.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 139.

fragilis (L.) Bernh.
Perennial. Herb, geophyte. Ht 100–180 mm. Alt 1000–2500 m. LIM, M, FS, KZN, L, WC, EC

*DEPARIA Hook. & Grev. 0194700

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 138, 139.

japonica (Thunb.) M.Kato
Lunathyrium japonicum (Thunb.) Sa.Kurata (1)
Perennial. Herb, geophyte, lithophyte. Ht 250–400 mm. Alt 50–1100 m. M, S, KZN

DIPLAZIUM Sw. 0194300

(1) Schelpe. 1970. *FZ* Pteridophyta: 204, 205.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 408–410.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 227.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 276–278.
(5) Retief & Herman. 1997. *Strelitzia* 6: 16.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 137, 138.

***esculentum** (Retz.) Sw.
Perennial. Herb, geophyte. Ht 1–2 m. Alt 300–500 m. KZN

zanzibaricum (Baker) C.Chr.
Perennial. Herb, geophyte. Ht 1–2 m. Alt 1000–1200 m. LIM, M

HYPODEMATIUM Kunze 0195400

(1) Schelpe. 1970. *FZ* Pteridophyta: 230.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 451, 452.
(3) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 263.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 320–322.
(5) Retief & Herman. 1997. *Strelitzia* 6: 12.
(6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 139, 140.

crenatum (Forssk.) Kuhn var. **crenatum**
Perennial. Herb, lithophyte. Ht 70–200 mm. Alt 1000–1200 m. M

LUNATHYRIUM Koidz. 0194900

japonicum (Thunb.) Sa.Kurata = **Deparia japonica**

WOODSIA R.Br. 0195500

(1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 430–432.
(2) Schelpe & Anthony. 1986. *FSA* Pteridophyta: 240, 241.
(3) Burrows. 1990. *Southern African ferns and fern allies*: 297, 298.
(4) Retief & Herman. 1997. *Strelitzia* 6: 13.
(5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 140.

angolensis Schelpe
Perennial. Herb, geophyte. Ht 200–360 mm. Alt 1400–1600 m. LIM, M, KZN

montevidensis (Spreng.) Hieron.
W. montevidensis (Spreng.) Hieron. var. *burgessiana* (Gerrard ex Hook. & Baker) Schelpe (5)
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 1500–2000 m. FS, KZN, L, EC

montevidensis (Spreng.) Hieron. var. *burgessiana* (Gerrard ex Hook. & Baker) Schelpe = **W. montsevidensis**

GYMNOSPERMS

CUPRESSACEAE

Compiled by H.F. Glen

*CRYPTOMERIA D.Don 0034000

(1) Franco. 1993. *Flora europaea* 1, edn 2: 45.

japonica (L.f.) D.Don
Perennial. Tree. Ht 6–40 m. Alt 900–1600 m. FS, KZN

*CUPRESSUS L. 0043000

(1) Miller. 1768. *The gardener's dictionary* edn 8: 3.
(2) Greene. 1882. *Bulletin of the Torrey Botanical Club* 9: 64, 65.
(3) Dallimore & Jackson. 1966. *A handbook of Coniferae and Ginkgoaceae*: 194–218.
(4) Little. 1966. *Madroño* 18: 161–167.
(5) Silba. 1981. *Phytologia* 49: 390–399.
(6) Silba. 1983. *Phytologia* 52: 349–361.
(7) Mitchell. 1984. *European garden flora* 1: 81–83.
(8) Eckenwalder. 1993. *Flora of North America* 2: 405–408.

arizonica Greene var. **arizonica**
Perennial. Tree. Ht 3–12 m. Alt 1500–1900 m. FS, EC

*JUNIPERUS L. 0045000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 1039.
(2) Dallimore & Jackson. 1966. *A handbook of Coniferae and Ginkgoaceae*: 234–285.
(3) Mitchell. 1984. *European garden flora* 1: 84–87.
(4) Farjon. 1992. *Edinburgh Journal of Botany* 49: 251–283.

virginiana L.
Perennial. Tree. Ht 2–18 m. Alt 1200–1750 m. LIM, G, FS, EC

*TAXODIUM L. 0035000

(1) Richard. 1810. *Annales du Muséum National d'Histoire Naturelle* 16: 298.
(2) Watson. 1985. *Taxon* 34: 506–509.

distichum (L.) A.Rich. var. **distichum**
Perennial. Tree. Ht 1.5–30 m. Alt 900–1100 m. KZN

WIDDRINGTONIA Endl. 0038010

(1) Marsh. 1966. *FSA* 1: 43–48.
(2) Powrie. 1972. *Journal of South African Botany* 38: 301–303.

cedarbergensis J.A.Marsh
W. juniperoides in sense of T.Durand & Schinz, not of Endl., misapplied name (1)
Perennial. Tree. Ht 4.5–12.2 m. Alt 900–1400 m. WC

cupressoides (L.) Endl. = **W. nodiflora**

dracomontana Stapf = **W. nodiflora**

juniperoides in sense of T.Durand & Schinz, not of Endl., misapplied name = **W. cedarbergensis**

nodiflora (L.) Powrie
W. cupressoides (L.) Endl. (2)
W. dracomontana Stapf (1)
W. whytei Rendle (1)
Perennial. Tree, shrub. Ht 0.2–15.2 m. Alt 60–2150 m. LIM, M, FS, KZN, WC, EC

schwarzii (Marloth) Mast.
Perennial. Tree. Ht 7.0–12.5 m. Alt 300–1450 m. EC

whytei Rendle = **W. nodiflora**

*PINACEAE

Compiled by H.F. Glen

*PINUS L. 0022000

(1) Jessop. 1966. *FSA* 1: 42, 43.
(2) Farjon. 1984. *Pines*: 1–219.
(3) Perry. 1991. *The pines of Mexico and Central America*: 1–231.
(4) Farjon & Styles. 1997. *Flora Neotropica Monograph* 75: 1–291.

canariensis Sweet ex C.K.Spreng.
Perennial. Tree. Ht 24–30 m. Alt 0–1500 m. KZN, WC, EC

elliottii Engelm. var. **elliottii**
Perennial. Tree. Ht 4–30 m. Alt 1500–2000 m. FS

halepensis Mill. var. **halepensis**
Perennial. Tree. Ht 5–25 m. Alt 100–1700 m. FS, L, NC, WC, EC

patula Schltdl. & Cham. var. **patula**
Perennial. Tree. Ht 3–35 m. Alt 650–1600 m. M, S, FS, KZN

pinaster Aiton
Perennial. Tree. Ht 8–35 m. Alt 150–1250 m. WC, EC

pinea L.
Perennial. Tree. Ht 12–25 m. Alt 50–1600 m. WC, EC

radiata D.Don
Perennial. Tree. Ht 12–40 m. Alt 50–1700 m. FS, L, NC, WC, EC

roxburghii Sarg.
Perennial. Tree. Ht 4–55 m. Alt 1400–1600 m. G, FS

PODOCARPACEAE

Compiled by H.F. Glen

PODOCARPUS L'Hér. ex Pers. 0013000

(1) Leistner. 1966. *FSA* 1: 34–41.
(2) Nelson. 1984. *European garden flora* 1: 75, 76.
(3) Leistner. 1988. *The Flowering Plants of Africa* 50: t. 1965, 1966.
(4) Leistner. 1991. *The Flowering Plants of Africa* 51: t. 2021.

elongatus (Aiton) L'Hér. ex Pers.
Perennial. Tree, shrub. Ht 0.5–12.2 m. Alt 75–975 m. WC

falcatus (Thunb.) R.Br. ex Mirb.
P. gracilior in sense of Burtt Davy, not of Pilg., misapplied name (1)
Perennial. Tree. Ht 0.1–52.7 m. Alt 0–1900 m. LIM, M, S, KZN, WC, EC

gracilior in sense of Burtt Davy, not of Pilg., misapplied name = **P. falcatus**

henkelii Stapf ex Dallim. & Jacks.
Perennial. Tree. Ht 3.6–24.4 m. Alt 100–1600 m. KZN, EC

latifolius (Thunb.) R.Br. ex Mirb.
Perennial. Tree. Ht 1–40 m. Alt 10–2200 m. LIM, M, S, FS, KZN, WC, EC

STANGERIACEAE

Compiled by H.F. Glen

STANGERIA T.Moore 0002000

(1) Dyer. 1966. *FSA* 1: 1–3.

eriopus (Kunze) Baill.
S. paradoxa T.Moore (1)
Perennial. Herb, geophyte. Ht 0.4–2.4 m. Alt 15–1300 m. KZN, EC

paradoxa T.Moore = **S. eriopus**

WELWITSCHIACEAE

Compiled by H.F. Glen

WELWITSCHIA Hook.f. 0048000

(1) Verdoorn. 1966. *FSA* 1: 48–51.
(2) Dyer & Verdoorn. 1972. *Taxon* 21: 485–489.
(3) Nomenclature Committee. 1975. *Taxon* 24: 176.

bainesii (Hook.f.) Carrière = **W. mirabilis**

mirabilis Hook.f.
W. bainesii (Hook.f.) Carrière (3)
Perennial. Shrub. Ht 0.6–2 m. Alt 30–150 m. N

ZAMIACEAE

Compiled by H.F. Glen & P.J.H. Hurter

ENCEPHALARTOS Lehm. 0005000

(1) Prain. 1916. *Kew Bulletin* 1916: 181, 182.
(2) Gilliland. 1939. *Proceedings and Transactions of the Rhodesia Scientific Association* 37: 133, 134.
(3) Verdoorn. 1947. *The Flowering Plants of Africa* 26: tt. 1001, 1002.
(4) Verdoorn. 1949. *The Flowering Plants of Africa* 27: tt. 1053, 1054, 1078, 1079.
(5) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1100.
(6) Dyer. 1956. *Journal of South African Botany* 22: 1–4.
(7) Dyer & Verdoorn. 1966. *FSA* 1: 3–34.
(8) Dyer & Verdoorn. 1969. *Kirkia* 7: 147–156.
(9) Dyer. 1971. *Bothalia* 10: 369–371; 379–383.
(10) Dyer. 1972. *Bothalia* 10: 539–546.
(11) Lavranos & Goode. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 219–224.
(12) Robbertse *et al.* 1988. *South African Journal of Botany* 54: 363–366.
(13) Lavranos & Goode. 1989. *Durban Museum Novitates* 14: 153–156.
(14) Robbertse *et al.* 1989. *South African Journal of Botany* 55: 122–126.
(15) Vorster. 1990. *South African Journal of Botany* 56: 239–243.
(16) Hurter. 1995. *Phytologia* 78: 409–416.
(17) Hilton-Taylor. 1996. *Bothalia* 26: 177–182.
(18) Hilton-Taylor. 1996. *Strelitzia* 4: 47, 48.
(19) Hurter & Glen. 1996. *South African Journal of Botany* 62: 226–229.
(20) Vorster. 1996. *South African Journal of Botany* 62: 57–64.
(21) Vorster. 1996. *South African Journal of Botany* 62: 67–79.
(22) Hurter & Glen. 2001. *Bothalia* 31: 197–199.
(23) Glen & Hurter. In press. *Taxon*.
(24) Hurter & Glen. In press. *Taxon*.

aemulans Vorster
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 600–1100 m. KZN

altensteinii Lehm.
Perennial. Tree. Ht 0.6–7.6 m. Alt 150–750 m. EC

aplanatus Vorster
Perennial. Geophyte. Ht up to 1.5 m. Alt 250–700 m. S

arenarius R.A.Dyer
Perennial. Shrub. Ht 0.6–1 m. Alt 75–200 m. EC

brevifoliolatus Vorster
Perennial. Tree. Ht up to 2.5 m. Alt 1300–1500 m. LIM

caffer (Thunb.) Lehm.
Perennial. Shrub, geophyte. Ht up to 0.3 m. Alt 200–600 m. KZN, EC

cerinus Lavranos & D.L.Goode
Perennial. Dwarf shrub, geophyte. Ht 0.3–1.5 m. Alt 600–1250 m. KZN

cupidus R.A.Dyer
Perennial. Dwarf shrub, geophyte. Ht 0.15–1 m. Alt 900–1200 m. LIM, M

cycadifolius (Jacq.) Lehm.
Perennial. Shrub. Ht 0.25–0.9 m. Alt 950–1600 m. EC

dolomiticus Lavranos & D.L.Goode
E. verrucosus Vorster, Robbertse & S.van der Westh. (23)
Perennial. Tree, shrub. Ht 2–2.5 m. Alt 1200–1850 m. LIM

dyerianus Lavranos & D.L.Goode
E. graniticolus Vorster, Robbertse & S.van der Westh. (23)
Perennial. Tree. Ht 3–5 m. Alt 650–750 m. LIM

eugene-maraisii I.Verd.
Perennial. Tree, shrub. Ht 0.6–2.4 m. Alt 1500–1800 m. LIM

eugene-maraisii I.Verd. subsp. *middelburgensis* Lavranos & D.L.Goode = **E. middelburgensis**

ferox G.Bertol.
Perennial. Shrub. Ht 0.3–1.7 m. Alt 0–60 m. KZN

friderici-guilielmi Lehm.
Perennial. Tree, shrub. Ht 1.5–3.7 m. Alt 750–1550 m. KZN, EC

ghellinckii Lem.
Perennial. Tree, shrub. Ht 0.5–2.1 m. Alt 600–2000 m. FS, KZN, EC

graniticolus Vorster, Robbertse & S.van der Westh. = **E. dyerianus**

heenanii R.A.Dyer
Perennial. Tree, shrub. Ht up to 2 m. Alt 1100–1500 m. M, S

hirsutus P.J.H.Hurter
Perennial. Tree. Ht 1–4.2 m. Alt 800–1000 m. LIM

horridus (Jacq.) Lehm.
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 150–300 m. EC

humilis I.Verd.
Perennial. Shrub, dwarf shrub. Ht 0.07–0.45 m. Alt 1200–1700 m. M

inopinus R.A.Dyer
Perennial. Tree, shrub. Ht 1–3 m. Alt 600–1250 m. LIM

laevifolius Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 1.2–3 m. Alt 900–1200 m. LIM, M, S, KZN, EC

lanatus Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.6–3 m. Alt 1050–1500 m. M, G

latifrons Lehm.
Perennial. Tree, shrub. Ht 0.9–3.4 m. Alt 300–600 m. EC

lebomboensis I.Verd.
Perennial. Tree, shrub. Ht 0.2–3.7 m. Alt 100–1200 m. M, S

lehmannii Lehm.
Perennial. Tree, shrub. Ht 0.6–1.8 m. Alt 700–950 m. WC, EC

longifolius (Jacq.) Lehm.
Perennial. Tree, shrub. Ht 1.1–4.6 m. Alt 300–600 m. EC

middelburgensis Vorster, Robbertse & S.van der Westh.
E. eugene-maraisii subsp. *middelburgensis* Lavranos & Goode (23)
Perennial. Tree, shrub. Ht 1.8–4.3 m. Alt 1200–1500 m. G, M

msinganus Vorster
Perennial. Tree. Ht up to 3 m. Alt 900–1200 m. KZN

natalensis R.A.Dyer & I.Verd.
Perennial. Tree, shrub. Ht 0.4–7.3 m. Alt 50–1200 m. M, KZN, EC

ngoyanus I.Verd.
Perennial. Shrub, dwarf shrub, geophyte. Ht up to 0.3 m. Alt 200–900 m. S, KZN

nubimontanus P.J.H.Hurter
E. venetus Vorster (21, 22)
Perennial. Tree, shrub. Ht 0.7–2.5 m. Alt 900–1100 m. LIM

paucidentatus Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.8–3.7 m. Alt 750–1400 m. LIM, M, S

princeps R.A.Dyer
Perennial. Tree, shrub. Ht 1.2–3.4 m. Alt 600–750 m. EC

relictus P.J.H.Hurter
Perennial. Tree. Ht up to 2.5 m. Alt ± 1000 m. S

senticosus Vorster
Perennial. Tree. Ht up to 4 m. Alt 400–800 m. M, S, KZN

striatus Stapf & Burtt Davy
E. umbeluziensis R.A.Dyer (24)
Perennial. Shrub, dwarf shrub, geophyte. Ht up to 0.3 m. Alt 150–200 m. S

transvenosus Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 750–1850 m. LIM

trispinosus (Hook.) R.A.Dyer
Perennial. Shrub, dwarf shrub. Ht 0.5–0.9 m. Alt 150–650 m. EC

umbeluziensis R.A.Dyer = **E. striatus**

venetus Vorster = **E. nubimontanus**

verrucosus Vorster, Robbertse & S.van der Westh. = **E. dolomiticus**

villosus Lem.
Perennial. Shrub, dwarf shrub, geophyte. Ht 0.3–2 m. Alt 50–600 m. S, KZN, EC

woodii Sander
Perennial. Tree. Ht 2–6 m. Alt 200–450 m. KZN

DICOTYLEDONS

ACANTHACEAE

Compiled by W.G. Welman

ACANTHODIUM Delile 7980010

angustum Nees = **Blepharis angusta**

capense (L.f.) Nees var. *inermis* Nees = **Blepharis inermis**

capense (L.f.) Nees var. *villosum* Nees = **Blepharis capensis**

diversispinum Nees = **Blepharis diversispina**

grossum Nees = **Blepharis grossa**

hirtinervium Nees = **Blepharis hirtinervia**

hoffmannseggianum Nees = **Acanthopsis hoffmannseggiana**

macrum Nees = **Blepharis macra**

marginatum Nees = **Blepharis marginata**

serrulatum Nees = **Blepharis serrulata**

sinuatum Nees = **Blepharis sinuata**

squarrosum Nees = **Blepharis squarrosa**

ACANTHOPSIS Harv. 7982000

(1) Clarke. 1901. *FC* 5,1: 33–35.
(2) Obermeyer. 1937. *Annals of the Transvaal Museum* 19: 138.
(3) Meyer. 1968. *FSWA* 130: 5, 6.

carduifolia (L.f.) Schinz
Acanthus carduifolius L.f. (1)
Perennial. Herb. Ht 0.1–0.15 m. Alt 555–765 m. NC

carduifolia (L.f.) Schinz var. *longearistata* Schinz = **A. disperma**

disperma Nees
A. carduifolia (L.f.) Schinz var. *longearistata* Schinz (3)
Blepharis acaulis Lindau (3)
Annual or perennial. Herb. Ht 0.03–0.1 m. Alt 245–1370 m. N, NC, WC

glauca (E.Mey.) Schinz
Acanthus glaucus E.Mey. (1)
Perennial. Herb. Ht 0.1–0.15 m. Alt 670–1335 m. NC

hoffmannseggiana (Nees) C.B.Clarke
Acanthodium hoffmannseggianum Nees (1)
Annual or perennial. Herb. Ht 0.05–0.2 m. Alt? N, NC

horrida Nees
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 460–500 m. NC

scullyi (S.Moore) Oberm.
Blepharis scullyi S.Moore (2)
Annual, occ. perennial. Herb. Ht 0.05–0.15 m. Alt 275–530 m. NC

spathularis (E.Mey.) Schinz
Acanthus spathularis E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt? NC

trispina C.B.Clarke
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? NC

*ACANTHUS L. 7981000

(1) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1268.

capensis L.f. = **Blepharis capensis**

carduifolius L.f. = **Acanthopsis carduifolia**

furcatus L.f. = **Blepharis furcata**

glaucus E.Mey. = **Acanthopsis glauca**

integrifolius L.f. = **Blepharis integrifolia** var. **integrifolia**

maderaspatensis L. = **Blepharis maderaspatensis**

procumbens L.f. = **Blepharis procumbens**

pubescens (Thomson ex Oliv.) Engl.
Perennial. Shrub. Ht 1–3 m. Alt ?–2500 m. LIM

spathularis E.Mey. = **Acanthopsis spathularis**

ADHATODA Mill. 8094020

(1) Manning & Getliffe Norris. 1995. *FSA* 30,3,1: 62–64.

anagalloides Nees = **Justicia anagalloides**

andromeda (Lindau) C.B.Clarke
Duvernoia andromeda Lindau (1)
Perennial. Herb. Ht 0.2–0.3 m. Alt 550–1950 m. FS, KZN, EC

anselliana Nees = **Justicia anselliana**

densiflora (Hochst.) J.C.Manning
A. natalensis Nees (1)
Gendarussa densiflora Hochst. (1)
Justicia natalensis (Nees) T.Anderson (1)
Perennial. Herb. Ht 0.15–0.25 m. Alt 25–1065 m. KZN

divaricata Nees = **Monechma divaricatum**

duvernoia (Nees) C.B.Clarke = **Duvernoia adhatodoides**

flava (Vahl) Nees = **Justicia flava**

formosissima Klotzsch = **Anisotes formosissimus**

matammensis Schweinf. = **Justicia matammensis**

mollissima Nees = **Monechma mollissimum**

natalensis Nees = **A. densiflora**

petiolaris Nees = **Justicia petiolaris** subsp. **petiolaris**

thymifolia Nees = **Justicia thymifolia**

ANGKALANTHUS Balf.f. 8044000

transvaalensis A.Meeuse = **Chorisochora transvaalensis**

ANISOTES Nees 8096000

(1) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1926.
(2) Baden. 1995. *FSA* 30,3,1: 65–68.

formosissimus (Klotzsch) Milne-Redh.
Adhatoda formosissima Klotzsch (2)
Macrorungia formosissima (Klotzsch) C.B.Clarke (2)
Perennial. Shrub. Ht 1–4 m. Alt 200–1500 m. LIM

rogersii S.Moore (1)
Perennial. Shrub. Ht 0.35–2 m. Alt 365–765 m. LIM

ASTERACANTHA Nees 7927000

longifolia (L.) Nees = **Hygrophila auriculata**

ASYSTASIA Blume 8007000

(1) Clarke. 1901. *FC* 5,1: 41–44.
(2) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 256, 257.
(3) Meyer. 1968. *FSWA* 130: 7, 8.
(4) Edwards & Getliffe Norris. 1987. *South African Journal of Botany* 53: 231–233.
(5) Edwards. 1988. *The Flowering Plants of Africa* 50: t. 1976.
(6) Edwards & Getliffe Norris. 1989. *The Flowering Plants of Africa* 50: t. 1985.
(7) Edwards. 1991. *South African Journal of Botany* 57: 305–309.
(8) Edwards & Getliffe Norris. 1993. *The Flowering Plants of Africa* 52: t. 2076.
(9) Ensermu. 1994. *Proceedings 13th Plenary Meeting AETFAT*: 333–346.

atriplicifolia Bremek.
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 700–760 m. LIM

coromandeliana Nees var. *micrantha* Nees = **A. gangetica** subsp. **micrantha**

gangetica (L.) T.Anderson subsp. **micrantha** (Nees) Ensermu (8)
A. coromandeliana Nees var. *micrantha* Nees (9)
Perennial. Herb. Ht 0.2–2 m. Alt 5–950 m. N, B, LIM, M, S, KZN, EC

natalensis C.B.Clarke = **Salpinctium natalense**

pinguifolia T.J.Edwards
Perennial. Herb. Ht 0.1–0.3 m. Alt 10–60 m. KZN

retrocarpa T.J.Edwards
Perennial. Herb. Ht 0.15–0.35 m. Alt 500–1000 m. LIM, M, S, KZN

schimperi T.Anderson (6)
Annual. Herb. Ht 0.1–0.6 m. Alt 5–1660 m. N, B, LIM, NW, G, M, S, KZN

stenosiphon C.B.Clarke = **Salpinctium stenosiphon**

subbiflora C.B.Clarke
Perennial. Herb. Ht 0.1–0.4 m. Alt 305–1380 m. M

varia N.E.Br. (5)
Perennial. Herb. Ht 0.1–0.6 m. Alt 10–795 m. KZN, EC

welwitschii S.Moore
Perennial. Herb. Ht 0.2–0.5 m. Alt? N

AULOJUSTICIA Lindau 8099000

linifolia Lindau = **Siphonoglossa linifolia**

BARLERIA L. 7973000

(1) Obermeyer. 1933. *Annals of the Transvaal Museum* 16: 123–180.
(2) Obermeyer. 1934. *The Journal of Botany* Oct. 1934: 275–278.
(3) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 893.
(4) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 998.
(5) Codd. 1952. *The Flowering Plants of Africa* 29: t. 1138.
(6) Meeuse. 1961. *Bothalia* 7: 443, 444.
(7) Obermeyer. 1961. *Bothalia* 7: 444–446.
(8) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1426.
(9) Meyer. 1968. *FSWA* 130: 8–18.
(10) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1623.
(11) Balkwill *et al.* 1990. *South African Journal of Botany* 56: 571–576.
(12) Balkwill *et al.* 1992. *South African Journal of Botany* 58: 286–291.
(13) Balkwill & Batten. 1999. *Flowering Plants of Africa* 56: t. 2158.

acanthoides of author, not of Vahl = **B. lanceolata**

acanthoides Vahl forma *lanceolata* Schinz = **B. lanceolata**

affinis C.B.Clarke
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.2 m. Alt 240–1310 m. B, LIM, NW, M

alata S.Moore = **B. lancifolia**

albida Lindau = **B. senensis**

albi-pilosa Hainz
Perennial. Herb. Ht 0.3–0.8 m. Alt? N, B

albostellata C.B.Clarke (5)
Perennial. Shrub. Ht 1–2 m. Alt 460–1065 m. LIM

ameliae A.Meeuse
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 330–1000 m. N

argillicola Oberm.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ?–1065 m. KZN

auriculata Schumach. = **Hygrophila auriculata**

barbata E.Mey. ex C.B.Clarke = **B. gueinzii**

bechuanensis C.B.Clarke
Perennial. Herb. Ht 0.05–0.2 m. Alt 1280–1465 m. FS, NC

bolusii Oberm.
Perennial. Herb. Ht 0.1–0.2 m. Alt 1050–1065 m. LIM, NW, G

bremekampii Oberm. (3)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 625–1370 m. LIM, NW

breyeri Oberm. = **B. lugardii**

cinereicaulis C.B.Clarke = **B. lancifolia**

crossandriformis C.B.Clarke
Perennial. Shrub, herb. Ht 0.4–1.2 m. Alt 75–1220 m. LIM, NW, M, S, KZN

cyanea S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt? N

damarensis T.Anderson
B. marlothii Engl. (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.55 m. Alt 1235–1500 m. N

delagoensis Oberm.
Perennial. Herb. Ht 0.4–1 m. Alt 75–120 m. M, S, KZN

dinteri Oberm.
Perennial. Shrub, dwarf shrub. Ht 0.15–1.35 m. Alt 120–1200 m. N, B, LIM, G, M, S

dolomiticola M.-J.Balkwill & K.Balkwill
Perennial. Herb. Ht 0.1–0.3 m. Alt 1360–1950 m. LIM

eenii S.Moore = **B. senensis**

elegans S.Moore ex C.B.Clarke
Perennial. Shrub, herb. Ht 0.2–1.8 m. Alt 5–1160 m. N, LIM, M, S, KZN

galpinii C.B.Clarke
Perennial. Shrub, herb. Ht 0.25–1 m. Alt 460–1235 m. N, B, LIM, M

greenii M.-J.Balkwill & K.Balkwill (13)
Perennial. Shrub, suffrutex. Ht 0.5–1.8 m. Alt 1200–1260 m. KZN

gueinzii Sond.
B. barbata E.Mey. ex C.B.Clarke (1)
Perennial. Shrub, herb. Ht 0.3–1.2 m. Alt 45–2225 m. LIM, M, S, KZN, EC

halimoides Nees = **Petalidium halimoides**

hereroensis Engl. = **B. lancifolia**

holubii C.B.Clarke
Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 610–945 m. LIM, M

irritans Nees
Perennial. Dwarf shrub, herb. Ht 0.25–0.35 m. Alt 80–1200 m. NC, WC, EC

irritans Nees var. *rigida* (Nees) C.B.Clarke = **B. rigida**

jasminiflora C.B.Clarke
Perennial. Herb. Ht 0.1–0.2 m. Alt? EC

jubata S.Moore
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–1650 m. N

kaloxytona Lindau
Perennial. Dwarf shrub, herb. Ht 0.35–0.45 m. Alt 765–1200 m. N

lanceolata (Schinz) Oberm.
B. acanthoides of author, not of Vahl (1)
B. acanthoides Vahl forma *lanceolata* Schinz (1)

Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 395–1465 m. N

lancifolia T.Anderson
B. alata S.Moore (1)
B. cinereicaulis C.B.Clarke (1)
B. hereroensis Engl. (1)
B. latiloba Engl. (1)
B. rautanenii Schinz (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.5 m. Alt 275–1980 m. N, B, LIM, NW, G, M, KZN, NC

latiloba Engl. = **B. lancifolia**

lichtensteiniana Nees
Perennial. Herb. Length 0.1–0.4 m. Alt 650–1370 m. N, NC

lugardii C.B.Clarke
B. breyeri Oberm. (9)
B. quadriloba Oberm. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.7 m. Alt 410–915 m. N, B, LIM

mackenii Hook.f.
Perennial. Shrub, herb. Ht 0.2–0.75 m. Alt 610–1850 m. N, B, LIM, M

macrostegia Nees
Perennial. Herb. Length 0.2–0.5 m. Alt 865–1650 m. N, B, LIM, NW, G, M, FS, NC

marlothii Engl. = **B. damarensis**

matopensis S.Moore
Perennial. Herb. Ht 0.25–0.4 m. Alt ?–305 m. LIM

media C.B.Clarke
Perennial. Herb. Ht 0.05–0.1 m. Alt? NC

meeuseana P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.5–0.9 m. Alt ?–1850 m. N

megalosiphon Mildbr.
Perennial. Herb. Ht 0.1–0.15 m. Alt ?–915 m. N, B

merxmuelleri P.G.Mey.
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N

meyeriana Nees
Perennial. Shrub, herb. Ht 0.2–0.9 m. Alt 60–1980 m. LIM, M, S, KZN

monticola Oberm.
Perennial. Herb. Ht 0.2–0.45 m. Alt 1035–2200 m. FS, KZN

namutonensis Oberm. = **B. prionitoides**

natalensis Lindau
B. woodii C.B.Clarke (1)
Perennial. Dwarf shrub, herb. Ht 0.45–0.75 m. Alt ?–530 m. KZN

obtusa Nees (4)
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1 m. Alt 5–1585 m. LIM, NW, G, M, S, KZN, EC

ovata E.Mey. ex Nees
Perennial. Herb. Ht 0.2–0.8 m. Alt 500–1465 m. M, S, KZN, EC

oxyphylla Lindau
Perennial. Herb. Ht 0.1–0.4 m. Alt 200–460 m. M, S

papillosa T.Anderson
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt? N, NC

petrophila Lindau = **B. senensis**

pretoriensis C.B.Clarke (10)
Perennial. Dwarf shrub, herb. Ht 0.3–0.75 m. Alt 945–1600 m. B, LIM, NW, G, M

prionitoides Engl.
B. namutonensis Oberm. (9)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt ?–1050 m. N

pungens L.f.
Perennial. Dwarf shrub, herb. Ht 0.05–0.45 m. Alt 5–640 m. WC, EC

quadriloba Oberm. = **B. lugardii**

querimbensis Klotzsch = **B. repens**

randii S.Moore
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 855–1065 m. B, NW

rautanenii Schinz = **B. lancifolia**

rehmannii C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 425–1065 m. LIM, G, S

repens Nees
B. querimbensis Klotzsch (1)
Perennial. Shrub, herb, climber. Ht 0.3–1.5 m. Alt 5–30 m. KZN

rigida Nees
B. irritans Nees var. *rigida* (Nees) C.B.Clarke (1)
B. rigida Nees var. *ilicina* (E.Mey. ex T.Anderson) Oberm. (9)
B. schenckii Schinz (9)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 420–2000 m. N, B, FS, NC

rigida Nees var. *ilicina* (E.Mey. ex T.Anderson) Oberm. = **B. rigida**

rogersii S.Moore
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–800 m. N, LIM

rotundifolia Oberm. (8)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 610–1100 m. LIM, M

sacani Klotzsch ex Lindau = **Neuracanthus africanus** var. **africanus**

saxatilis Oberm.
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–1.5 m. Alt 155–1370 m. LIM, M, S, KZN

schenckii Schinz = **B. rigida**

senensis Klotzsch
B. albida Lindau (9)
B. eenii S.Moore (9)
B. petrophila Lindau (9)
B. spathulata N.E.Br. (9)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 275–1800 m. N, B, LIM, M

solitaria P.G.Mey.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? N

spathulata N.E.Br. = **B. senensis**

spinulosa Klotzsch
Perennial. Shrub, dwarf shrub, herb. Ht 0.6–1 m. Alt 460–945 m. B, LIM

stimulans E.Mey. ex Nees
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 395–1100 m. WC, EC

transvaalensis Oberm.
Perennial. Dwarf shrub, herb. Ht 0.05–0.5 m. Alt 275–795 m. LIM, M

violacea Hainz
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? N

virgula C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 915–1465 m. B, LIM, G, M

wilmsiana Lindau
B. wilmsii Lindau ex C.B.Clarke (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 490–1585 m. M, KZN

wilmsii Lindau ex C.B.Clarke = **B. wilmsiana**

woodii C.B.Clarke = **B. natalensis**

BLEPHARIS Juss. 7980000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1207.
(2) Vollesen. 2000. Blepharis (*Acanthaceae*), *a taxonomic revision*: 1–342.

acanthodioides Klotzsch
Perennial. Herb. Ht 0.25–0.75 m. Alt 25–750 m. LIM, M

acaulis Lindau = **Acanthopsis disperma**

acuminata Oberm.
Perennial. Dwarf shrub, herb. Length 0.1–0.4 m. Alt 350–1375 m. LIM, M

aequisepala Vollesen
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt ?–475 m. WC

angusta (Nees) T.Anderson
Acanthodium angustum Nees (2)
Perennial. Herb. Length 0.05–0.25 m. Alt ?–1525 m. NW

aspera Oberm.
B. diversispina of authors, not of (Nees) C.B.Clarke (2)
Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 30–850 m. LIM, NW

bainesii C.B.Clarke
Annual. Herb. Ht 0.2–0.4 m. Alt? B

boerhaaviifolia Pers. = **B. maderaspatensis**

bossii Oberm. = **B. obmitrata**

breyeri Oberm.
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 900–1050 m. LIM

caloneura S.Moore var. *angustifolia* Oberm. = **B. tenuiramea**

capensis (L.f.) Pers.
Acanthodium capense (L.f.) Nees var. *villosum* Nees (2)
Acanthus capensis L.f. (2)
B. capensis (L.f.) Pers. var. *latibracteata* Oberm. (2)
B. capensis (L.f.) Pers. var. *prostrata* Oberm. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 30–1400 m. NC, WC, EC

capensis (L.f.) Pers. var. *latibracteata* Oberm. = **B. capensis**

capensis (L.f.) Pers. var. *prostrata* Oberm. = **B. capensis**

clarkei Schinz = **B. integrifolia** var. **clarkei**

dichotoma Engl. = **B. grossa**

dilatata C.B.Clarke
Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 150–650 m. EC

dilatata C.B.Clarke in part = **B. obtusisepala**

diversispina (Nees) C.B.Clarke
Acanthodium diversispinum Nees (2)
B. grisea S.Moore (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.9 m. Alt 460–1220 m. N, B, LIM, NW

diversispina of authors, not of (Nees) C.B.Clarke = **B. aspera**

ecklonii C.B.Clarke = **B. hirtinervia**

espinosa E.Phillips
Perennial. Herb. Length 0.1–0.3 m. Alt 1400–2000 m. NW, G, M, FS, KZN, L, NC

extenuata S.Moore = **B. macra**

fenestralis Vollesen
Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt ?–1000 m. M

ferox P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt ?–700 m. N

fleckii P.G.Mey.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 885–915 m. N

furcata (L.f.) Pers.
Acanthus furcatus L.f. (2)
B. trispinosa Hainz (2)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 200–1020 m. N, NC

gerlindae P.G.Mey. = **B. obmitrata**

gigantea Oberm.
Perennial. Shrub. Ht 1.2–2 m. Alt 900–1100 m. N

grisea S.Moore = **B. diversispina**

grossa (Nees) T.Anderson
Acanthodium grossum Nees (2)
B. dichotoma Engl. (2)
Annual. Herb. Ht 0.15–0.35 m. Alt 350–1150 m. N, NC

hirtinervia (Nees) T.Anderson
Acanthodium hirtinervium Nees (2)
B. ecklonii C.B.Clarke (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 10–90 m. EC

ilicina Oberm.
Perennial. Dwarf shrub, herb. Length 0.15–0.25 m. Alt 25–450 m. EC

inaequalis C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 600–1560 m. LIM, M

inermis (Nees) C.B.Clarke
Acanthodium capense (L.f.) Nees var. *inermis* Nees (2)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–300 m. WC

innocua C.B.Clarke
B. innocua C.B.Clarke var. *lancifolia* Oberm. (2)
Perennial. Herb. Length 0.15–0.35 m. Alt 1225–1830 m. LIM, NW, G, M

innocua C.B.Clarke var. *lancifolia* Oberm. = **B. innocua**

integrifolia (L.f.) E.Mey. ex Schinz var. **clarkei** (Schinz) Oberm.
B. clarkei Schinz (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 50–1065 m. B, LIM, G, M, KZN, EC

integrifolia (L.f.) E.Mey. ex Schinz var. **integrifolia**
Acanthus integrifolius L.f. (2)
B. integrifolia (L.f.) E.Mey. ex Schinz var. *setosa* (Nees) Oberm. (2)
B. molluginifolia Pers. (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 30–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

integrifolia (L.f.) E.Mey. ex Schinz var. *setosa* (Nees) Oberm. = **B. integrifolia** var. **integrifolia**

laevifolia Vollesen
Perennial. Herb. Length 0.1–0.2 m. Alt? M

leendertziae Oberm.
Annual. Herb. Ht 0.1–0.6 m. Alt 320–1525 m. N, B, LIM, NW, G, M

longispica C.B.Clarke
Perennial. Herb. Ht 0.15–0.35 m. Alt 900–1225 m. KZN

macra (Nees) Vollesen
Acanthodium macrum Nees (2)
B. extenuata S.Moore (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 550–1050 m. N, NC

maderaspatensis (L.) Roth
Acanthus maderaspatensis L. (2)
B. boerhaaviifolia Pers. (2)
B. maderaspatensis (L.) Roth subsp. *rubiifolia* (Schumach.) Napper (2)
B. teaguei Oberm. (2)
Perennial, occ. annual. Herb. Length 0.2–2 m. Alt 80–1340 m. N, B, LIM, NW, G, M, KZN

maderaspatensis (L.) Roth subsp. *rubiifolia* (Schumach.) Napper = **B. maderaspatensis**

marginata (Nees) C.B.Clarke
Acanthodium marginatum Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.05–0.1 m. Alt 1150–1675 m. NC

meyeri Vollesen
Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt ?–800 m. N

mitrata C.B.Clarke
B. villosa C.B.Clarke (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 365–2100 m. N, NC, WC, EC

molluginifolia Pers. = **B. integrifolia** var. **integrifolia**

naegelsbachii Oberm. = **B. obmitrata**

natalensis Oberm.
Perennial. Dwarf shrub, herb. Length 0.3–0.4 m. Alt 625–1670 m. KZN

obermeyerae Vollesen
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 300–1150 m. LIM, M

obmitrata C.B.Clarke
B. bossii Oberm. (2)
B. gerlindae P.G.Mey. (2)
B. naegelsbachii Oberm. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1 m. Alt 10–1860 m. N, B

obtusisepala Oberm.
B. dilatata C.B.Clarke in part (2)
Perennial. Dwarf shrub, herb. Length 0.15–0.45 m. Alt 750–1525 m. KZN, EC

petalidioides Vollesen
Perennial. Shrub. Ht 1–2 m. Alt ?–1000 m. B

procumbens (L.f.) Pers.
Acanthus procumbens L.f. (2)
Perennial. Herb. Length 0.2–1 m. Alt 15–350 m. EC

pruinosa Engl.
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–0.75 m. Alt 600–1150 m. N

saxatilis Oberm. = **B. subvolubilis**

scullyi S.Moore = **Acanthopsis scullyi**

sericea Vollesen
Perennial. Herb. Ht 0.1–0.2 m. Alt 5–10 m. KZN

serrulata (Nees) Ficalho & Hiern
Acanthodium serrulatum Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 850–1380 m. B, LIM, NW, G

sinuata (Nees) C.B.Clarke
Acanthodium sinuatum Nees (2)
Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 25–600 m. EC

spinifex Merxm.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt ?–1400 m. N

spinipes Vollesen
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–900 m. LIM

squarrosa (Nees) T.Anderson
Acanthodium squarrosum Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1200–1600 m. LIM, NW, G, FS

stainbankiae C.B.Clarke
Perennial. Herb. Length 0.1–0.45 m. Alt 1400–1850 m. G, M

subglabra Vollesen
Perennial. Herb. Length 0.1–0.25 m. Alt ?–1050 m. KZN

subvolubilis C.B.Clarke (1)
B. saxatilis Oberm. (2)
B. subvolubilis C.B.Clarke var. *longifolia* Oberm. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–0.5 m. Alt 50–1800 m. B, LIM, NW, G, M, KZN

subvolubilis C.B.Clarke var. *longifolia* Oberm. = **B. subvolubilis**

swaziensis Vollesen
Perennial. Herb. Length 0.1–0.4 m. Alt ?–600 m. S, KZN

teaguei Oberm. = **B. maderaspatensis**

tenuiramea S.Moore
B. caloneura S.Moore var. *angustifolia* Oberm. (2)
Annual. Herb. Length 0.25–0.75 m. Alt 945–975 m. N, B

transvaalensis Schinz
Perennial. Herb. Length 0.1–0.35 m. Alt 900–1400 m. B, LIM, G, M?

trispinosa Hainz = **B. furcata**

uniflora C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 1000–1250 m. LIM, G

villosa C.B.Clarke = **B. mitrata**

CALOPHANES D.Don 7939010

perrottetii Nees = **Dyschoriste perrottetii**

radicans T.Anderson var. *mutica* S.Moore = **Dyschoriste mutica**

setosus Nees = **Ruelliopsis setosa**

CHAETACANTHUS Nees 7941000

(1) Clarke. 1901. *FC* 5,1: 18–20.
(2) Dyer & Milne-Redhead. 1934. *Kew Bulletin* 1934: 264, 265.

burchellii Nees
Perennial. Dwarf shrub, herb. Ht 0.1–0.75 m. Alt 30–1705 m. LIM, NW, G, M, S, FS, KZN, EC

costatus Nees
Perennial. Dwarf shrub, herb. Ht 0.05–0.3 m. Alt 725–2055 m. LIM, NW, G, M

glandulosus Nees = **C. setiger**

persoonii C.B.Clarke = **C. setiger**

setiger (Pers.) Lindl.
C. glandulosus Nees (2)
C. persoonii C.B.Clarke (2)
Ruellia setigera Pers. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.07–0.9 m. Alt 5–2040 m. LIM, NW, G, M, S, FS, KZN, WC, EC

CHORISOCHORA Vollesen 8048010

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1227.
(2) Vollesen. 1994. *Kew Bulletin* 49: 469–479.

transvaalensis (A.Meeuse) Vollesen (1)
Angkalanthus transvaalensis A.Meeuse (2)
Perennial. Suffrutex. Ht 0.5–1.25 m. Alt 915–1160 m. LIM, M

CRABBEA Harv. 7972000

(1) Buys. 1982. *'n Taksonomiese ondersoek van die Suid-Afrikaanse verteenwoordigers van* Crabbea *Harv. (Acanthaceae)*. Unpublished M.Sc. thesis, Potchefstroom University for C.H.E.

acaulis N.E.Br.
Perennial. Herb. Ht 0.03–0.08 m. Alt 1280–2135 m. NW, G, M, S, FS, KZN, L

angustifolia Nees
C. undulatifolia Engl. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 1000–1800 m. LIM, NW, G, M, FS

cirsioides (Nees) Nees = **C. hirsuta**

galpinii C.B.Clarke
Perennial. Herb. Ht 0.2–0.25 m. Alt 765–860 m. M

hirsuta Harv.
C. cirsioides (Nees) Nees (1)
C. robusta N.E.Br. (1)
Perennial. Herb. Ht 0.05–1.25 m. Alt 5–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

nana Nees
C. pedunculata N.E.Br. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 15–1675 m. M, S, KZN, EC

ovalifolia Ficalho & Hiern
Perennial. Herb. Ht 0.15–0.25 m. Alt 1115–1525 m. LIM, NW, G, M

pedunculata N.E.Br. = **C. nana**

reticulata C.B.Clarke = **C. velutina**

robusta N.E.Br. = **C. hirsuta**

undulatifolia Engl. = **C. angustifolia**

velutina S.Moore
C. reticulata C.B.Clarke (1)
Perennial. Herb. Ht 0.1–0.2 m. Alt 275–945 m. N, B, LIM, M

CROSSANDRA Salisb. 7985000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 77.
(2) Vos & Edwards. 1992. *South African Journal of Botany* 58: 94–99.

fruticulosa Lindau
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 5–550 m. M, S, KZN

greenstockii S.Moore (1)
C. pungens of authors, not of Lindau (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 305–1675 m. LIM, G, M, S, KZN

mucronata Lindau
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 245–460 m. LIM, M

pungens of authors, not of Lindau = **C. greenstockii**

zuluensis W.T.Vos & T.J.Edwards
Perennial. Herb. Ht 0.45–0.9 m. Alt 5–500 m. LIM, M, S, KZN

DIANTHERA L. 8094030

bicalyculata Retz. = **Peristrophe paniculata**

debilis Forssk. = **Monechma debile**

paniculata Forssk. = **Peristrophe paniculata**

DICLIPTERA Juss. 8031000

(1) Balkwill *et al.* 1986. *The Flowering Plants of Africa* 49: t. 1933.
(2) Balkwill *et al.* 1987. *The Flowering Plants of Africa* 49: t. 1952.
(3) Balkwill *et al.* 1996. *Kew Bulletin* 51: 1–61.

capensis Nees (2)
D. propinqua Nees (3)
Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 30–660 m. EC

clinopodia Nees
Justicia clinopodia E.Mey. (3)
Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 25–1830 m. LIM, M, S, KZN, EC

divaricata Compton
Perennial. Herb. Ht 0.25–0.45 m. Alt 100–395 m. M, S, KZN

eenii S.Moore
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 765–1435 m. N, LIM, NW, G

extenta S.Moore
D. zeylanica in sense of C.B.Clarke (3)
Annual, perennial. Herb. Ht 0.2–0.6 m. Alt 30–1550 m. LIM, M, S, KZN, WC, EC

fionae K.Balkwill
Perennial. Herb. Ht 0.1–0.3 m. Alt 1600–1700 m. LIM

fruticosa K.Balkwill (1)
Perennial. Herb. Ht 0.6–1.5 m. Alt 640–1065 m. LIM, M

hereroensis Schinz = **Peristrophe hereroensis**

heterostegia Nees
D. mossambicensis Klotzsch (3)
Justicia heterostegia E.Mey. (3)
Annual, perennial. Herb. Ht 0.3–1 m. Alt 15–660 m. LIM, M, S, KZN, EC

hirta K.Balkwill
Annual. Herb. Ht 0.2–0.6 m. Alt? B

leistneri K.Balkwill
Perennial. Herb. Ht 0.3–1 m. Alt 1370–1465 m. NW, G, FS, NC, EC

magaliesbergensis K.Balkwill
Perennial. Shrub, herb. Ht 0.2–0.5 m. Alt? NW, G

marlothii Engl. = **Megalochlamys marlothii**

minor C.B.Clarke subsp. **minor**
Annual. Herb. Ht 0.1–0.25 m. Alt 765–1250 m. B, LIM, NW

minor C.B.Clarke subsp. **pratis-manna** K.Balkwill
Annual. Herb. Ht 0.1–0.25 m. Alt? LIM, M

mossambicensis Klotzsch = **D. heterostegia**

propinqua Nees = **D. capensis**

quintasii Lindau
Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 50–100 m. KZN

schumanniana Schinz = **Megalochlamys marlothii**

spinulosa Hochst. ex K.Balkwill
Annual. Herb. Ht 0.2–0.6 m. Alt 915–960 m. N, B, LIM, M

swynnertonii S.Moore
Annual. Herb. Ht 0.3–1 m. Alt 30–? m. KZN

transvaalensis C.B.Clarke = **Peristrophe transvaalensis**

zeylanica in sense of C.B.Clarke = **D. extenta**

DINTERACANTHUS C.B.Clarke ex Schinz 7965010

asper Schinz = **Ruellia aspera**

marlothii (Engl.) Schinz = **Ruellia diversifolia**

DUOSPERMA Dayton 7940000

(1) Meyer. 1968. *FSWA* 130: 28.
(2) Brummitt. 1974. *Kew Bulletin* 29: 411–414.

crenatum (Lindau) P.G.Mey.
Hygrophila crenata Lindau (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 380–1000 m. N, B, LIM, M

quadrangulare (Klotzsch) Brummitt
Nomaphila quadrangularis Klotzsch (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 855–1070 m. N, B

DUVERNOIA E.Mey. ex Nees 8055000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1216.
(2) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1375.
(3) Manning & Getliffe Norris. 1995. *FSA* 30,3,1: 15–17.

aconitiflora A.Meeuse (1)
Perennial. Shrub. Ht 1–3 m. Alt 155–275 m. M, S

adhatodoides E.Mey. ex Nees (2)
Adhatoda duvernoia (Nees) C.B.Clarke (3)
Perennial. Shrub, tree. Ht 2–6 m. Alt 15–1830 m. M, KZN, EC

andromeda Lindau = **Adhatoda andromeda**

DYSCHORISTE Nees 7939000

(1) Clarke. 1899. *FTA* 5,1: 71–79.
(2) Clarke. 1901. *FC* 5,1: 15–18.
(3) Moore. 1910. *Journal of Botany. British and Foreign, London* 48: 250.
(4) Moore. 1918. *Journal of Botany. British and Foreign, London* 56: 36.
(5) Meyer. 1968. *FSWA* 130: 28, 29.

capricornis C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? N?

depressa (L.) Nees
Ruellia depressa L. (2)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 5–35 m. LIM, KZN

erecta C.B.Clarke
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 310–1200 m. M

fischeri Lindau
Perennial. Shrub, dwarf shrub. Ht 0.25–1.75 m. Alt 250–1325 m. B, LIM, M

fleckii Schinz = **Ruelliopsis damarensis**

monroi S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 425–950 m. B, LIM

mutica (S.Moore) C.B.Clarke
Calophanes radicans T.Anderson var. *mutica* S.Moore (2)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 610–? m. M

perrottetii (Nees) Kuntze
Calophanes perrottetii Nees (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? M

pseuderecta Mildbr.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 410–? m. N, NC

radicans (Hochst. ex A.Rich.) Nees
Ruellia radicans Hochst. ex A.Rich. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 700–960 m. B

rogersii S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 275–1250 m. LIM, M, S

transvaalensis C.B.Clarke
Perennial. Shrub, dwarf shrub. Ht 0.15–1.65 m. Alt 915–1560 m. B, LIM, NW, G, M

ECBOLIUM Kurz 8048000

(1) Vollesen. 1989. *Kew Bulletin* 44: 601–680.

amplexicaule of authors, not of S.Moore = **E. glabratum**

clarkei Hiern var. **clarkei**
Perennial. Herb. Ht 0.4–1 m. Alt? N

clarkei Hiern var. **puberulum** Vollesen
Perennial. Herb. Ht 0.4–1 m. Alt? N

cognatum N.E.Br. = **Megalochlamys revoluta** subsp. **cognata**

flanaganii C.B.Clarke
Perennial. Shrub, herb. Ht 0.3–0.7 m. Alt 5–450 m. EC

glabratum Vollesen
E. amplexicaule of authors, not of S.Moore (1)
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 20–305 m. M, S, KZN

hamatum (Klotzsch) C.B.Clarke = **Megalochlamys hamata**

ELYTRARIA Michx. 7908000

(1) Dokosi 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 256–265.

acaulis of authors, not of (L.f.) Lindau = **E. lyrata**

lyrata Vahl
E. acaulis of authors, not of (L.f.) Lindau (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 245–1100 m. B, LIM

ERANTHEMUM L. 7966000

angustatum L., illegitimate name = **Microdon dubius**

angustifolium Murray, illegitimate name = **Microdon dubius**

decurrens Hochst. ex Nees = **Ruspolia decurrens**

parviflorum P.J.Bergius = **Microdon parviflorus**

seticalyx C.B.Clarke = **Ruspolia seticalyx**

subviscosum C.B.Clarke = **Pseuderanthemum subviscosum**

GENDARUSSA Nees 8094040

densiflora Hochst. = **Adhatoda densiflora**

diosmophylla Nees = **Justicia orchioides** subsp. **orchioides**

incana Nees = **Monechma incanum**

leptantha Nees = **Siphonoglossa leptantha** subsp. **leptantha**

orchioides (L.f.) Nees var. *latifolia* Nees = **Justicia cuneata** subsp. **latifolia**

GLOSSOCHILUS Nees 7970000

(1) Clarke. 1901. *FC* 5,1: 40, 41.
(2) Hutchinson. 1909. *Kew Bulletin*: 186.

burchellii Nees
Perennial. Herb. Ht 0.05–0.2 m. Alt 1370–1435 m. B, NC

parviflorus Hutch.
Perennial. Herb. Ht 0.1–0.3 m. Alt ?–795 m. LIM

HEMIGRAPHIS Nees 7945000

abyssinica (Hochst. ex Nees) C.B.Clarke = **Hygrophila abyssinica**

prunelloides S.Moore = **Hygrophila prunelloides**

HYGROPHILA R.Br. emend. Heine 7926000

(1) Meyer. 1968. *FSWA* 130: 29–31.
(2) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* IV: 481–483.

abyssinica (Hochst. ex Nees) T.Anderson
Hemigraphis abyssinica (Hochst. ex Nees) C.B.Clarke (2)
Annual. Herb. Ht 0.1–0.15 m. Alt? N

acinos (S.Moore) Heine
Synnema acinos S.Moore (2)
Annual. Herb. Length 0.2–0.4 m. Alt 915–1000 m. N

angolensis (S.Moore) Heine
Synnema angolense S.Moore (2)
Annual. Herb. Ht 0.2–0.4 m. Alt ?–1020 m. N

auriculata (Schumach.) Heine
Asteracantha longifolia (L.) Nees (2)
Barleria auriculata Schumach. (2)
H. spinosa T.Anderson (2)
Perennial. Herb. Ht 0.6–0.9 m. Alt 90–610 m. N, M, S, KZN

crenata Lindau = **Duosperma crenatum**

gracillima (Schinz) Burkill
Nomaphila gracillima Schinz (1)
Perennial. Herb. Ht 0.5–1.5 m. Alt ?–1005 m. N

linearis Burkill
Annual. Herb. Ht 0.2–0.4 m. Alt? B

okavangensis P.G.Mey.
Annual. Herb. Ht 0.05–0.1 m. Alt? N

pilosa Burkill
Perennial. Herb. Ht 0.08–0.15 m. Alt? N, B

pobeguinii Benoist
Annual. Herb. Ht 0.5–1.5 m. Alt? B

prunelloides (S.Moore) Heine
Hemigraphis prunelloides S.Moore (2)
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–960 m. N, B

spinosa T.Anderson = **H. auriculata**

HYPOESTES Sol. ex R.Br. 8032000

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 370.
(2) Balkwill & Getliffe Norris. 1985. *South African Journal of Botany* 51: 133–144.

antennifera S.Moore = **H. aristata** var. **aristata**

aristata (Vahl) Sol. ex Roem. & Schult. var. **alba** K.Balkwill
Perennial. Suffrutex. Ht 0.3–1.5 m. Alt 305–1675 m. LIM, M, S, KZN

aristata (Vahl) Sol. ex Roem. & Schult. var. **aristata** (1)
H. antennifera S.Moore (2)
H. verticillaris (L.f.) Sol. ex Roem. & Schult. (2)
Justicia aristata Vahl (2)
Perennial. Suffrutex. Ht 0.25–1.5 m. Alt 2–1900 m. KZN, WC, EC

aristata (Vahl) Sol. ex Roem. & Schult. var. **thiniorum** K.Balkwill
Perennial. Suffrutex, herb. Ht 0.3–0.8 m. Alt 5–60 m. WC, EC

forskaolii (Vahl) R.Br.
H. verticillaris of authors, not of (L.f.) Sol. ex Roem. & Schult. (2)
Justicia forskaolii Vahl (2)
Perennial. Herb. Ht 0.2–1 m. Alt 3–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

phaylopsoides S.Moore = **H. triflora**

triflora (Forssk.) Roem. & Schult.
H. phaylopsoides S.Moore (2)
Justicia triflora Forssk. (2)
Perennial. Shrublet, herb. Ht 0.2–1.5 m. Alt 490–2000 m. LIM, M, S, KZN, EC

verticillaris (L.f.) Sol. ex Roem. & Schult. = **H. aristata** var. **aristata**

verticillaris of authors, not of (L.f.) Sol. ex Roem. & Schult. = **H. forskaolii**

ISOGLOSSA Oerst. 8079000

(1) Clarke. 1901. *FC* 5,1: 79–84.
(2) Brown. 1908. *Kew Bulletin* 1908: 437.

bachmannii Lindau = **I. ovata**

bolusii C.B.Clarke
Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 30–1130 m. M, S, EC

ciliata (Nees) Lindau
Rhytiglossa ciliata Nees (1)
Perennial. Shrub, herb. Ht 0.3–1.3 m. Alt 5–975 m. S, KZN, WC, EC

cooperi C.B.Clarke
Perennial. Shrub, herb. Ht 0.2–3.6 m. Alt 5–1800 m. LIM, M, KZN, EC

delicatula C.B.Clarke
Perennial. Shrub, herb. Ht 0.35–1.5 m. Alt 30–1700 m. LIM, M, KZN, EC

densa N.E.Br.
Perennial. Herb. Ht 0.5–1 m. Alt? EC

eckloniana (Nees) Lindau
Rhytiglossa eckloniana Nees (1)
Perennial. Shrub, herb. Ht 0.3–1.8 m. Alt 60–1800 m. LIM, M, S, KZN, EC

grantii C.B.Clarke
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 5–1830 m. LIM, NW, G, M, S, FS, KZN, L, EC

hypoestiflora Lindau
Perennial. Shrub, herb. Ht 0.5–4 m. Alt 10–1420 m. LIM, KZN, EC

macowanii C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt 490–1675 m. KZN, L, EC

origanoides (Nees) Lindau
Rhytiglossa origanoides Nees (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 155–1705 m. LIM, G, M, S, KZN, EC

ovata (Nees) Lindau
I. bachmannii Lindau (1)
Rhytiglossa ovata Nees (1)
Perennial. Herb. Ht 0.2–0.9 m. Alt 10–765 m. KZN, EC

prolixa (Nees) Lindau
Rhytiglossa prolixa Nees (1)
Perennial. Herb, climber. Ht 0.3–2 m. Alt 10–700 m. EC

stipitata C.B.Clarke
Perennial. Herb. Ht 0.3–0.6 m. Alt 185–490 m. KZN, EC

sylvatica C.B.Clarke
Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt? WC

woodii C.B.Clarke
Perennial. Shrub, herb. Ht 0.5–2 m. Alt 5–1280 m. KZN, EC

JUSTICIA L. 8094000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1237.
(2) Immelman. 1984. *The Flowering Plants of Africa* 48: t. 1897.
(3) Immelman. 1984. *The Flowering Plants of Africa* 48: t. 1898.
(4) Immelman. 1986. *The Flowering Plants of Africa* 49: t. 1931.
(5) Immelman. 1986. *The Flowering Plants of Africa* 49: t. 1932.
(6) Immelman. 1988. *The Flowering Plants of Africa* 50: t. 1969.
(7) Immelman. 1995. *FSA* 30,3,1: 18–46.

anagalloides (Nees) T.Anderson
Adhatoda anagalloides Nees (7)
Perennial. Herb. Ht 0.03–0.5 m. Alt 90–2000 m. LIM, NW, G, M, S, FS, KZN

anselliana (Nees) T.Anderson (5)
Adhatoda anselliana Nees (7)
Perennial. Herb. Ht 0.1–0.5 m. Alt ?–915 m. N

aristata Vahl = **Hypoestes aristata** var. **aristata**

betonica L. (6)
J. betonicoides Burkill & C.B.Clarke (7)
J. cheiranthifolia (Nees) C.B.Clarke (7)
J. pallidior (Nees) C.B.Clarke (7)
J. trinervia Vahl (7)
Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 20–1655 m. N, B, LIM, NW, G, M, S, KZN, EC

betonicoides Burkill & C.B.Clarke = **J. betonica**

bolusii C.B.Clarke (4)
Perennial. Shrub. Ht 0.5–1 m. Alt 15–580 m. EC

bowiei C.B.Clarke = **J. petiolaris** subsp. **bowiei**

burchellii C.B.Clarke = **J. petiolaris** subsp. **bowiei**

campylostemon (Nees) T.Anderson
Leptostachya campylostemon Nees (7)
Perennial. Shrub, herb. Ht 0.3–3 m. Alt 5–1680 m. LIM, M, S, KZN, EC

canescens Lam. = **Nelsonia canescens**

capensis Thunb.
Perennial. Shrub, scrambler, herb. Ht 0.2–2 m. Alt 5–715 m. KZN, EC

cheiranthifolia (Nees) C.B.Clarke = **J. betonica**

clavicarpa Schinz = **J. platysepala**

cleomoides S.Moore = **Monechma cleomoides**

clinopodia E.Mey. = **Dicliptera clinopodia**

cuneata Vahl subsp. **cuneata**
Perennial. Shrub, dwarf shrub. Ht 0.2–1.6 m. Alt 20–85 m. EC

cuneata Vahl subsp. **hoerleiniana** (P.G.Mey.) Immelman
J. hoerleiniana P.G.Mey. (7)
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt? N

cuneata Vahl subsp. **latifolia** (Nees) Immelman
Gendarussa orchioides (L.f.) Nees var. *latifolia* Nees (7)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.9 m. Alt 15–550 m. NC, WC, EC

desertorum Engl. = **Monechma desertorum**

dinteri S.Moore = **J. heterocarpa** subsp. **dinteri**

distichotrichum Lindau = **Monechma distichotrichum**

exigua S.Moore
Annual. Herb. Ht 0.05–0.3 m. Alt 935–1800 m. N, B, LIM

flava (Vahl) Vahl (3)
Adhatoda flava (Vahl) Necs (7)
Perennial. Dwarf shrub, herb. Ht 0.1–1 m. Alt 25–1400 m. B, LIM, NW, G, M, S, KZN, EC

forskaolii Vahl = **Hypoestes forskaolii**

genistifolia Engl. = **Monechma genistifolium** subsp. **genistifolium**

glabra Koenig ex Roxb.
Perennial. Herb. Ht 0.3–1.5 m. Alt ?–950 m. B, LIM, KZN

guerkeana Schinz
J. leucocraspedota Lindau (7)
Monechma clarkei Schinz (7)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 1005–1220 m. N, NC

heterocarpa T.Anderson subsp. **dinteri** (S.Moore) Hedrén
J. dinteri S.Moore (7)
Annual. Herb. Ht 0.15–0.8 m. Alt 940–? m. N, B, LIM

heterostegia E.Mey. = **Dicliptera heterostegia**

hoerleiniana P.G.Mey. = **J. cuneata** subsp. **hoerleiniana**

incana (Nees) T.Anderson = **Monechma incanum**

incerta C.B.Clarke = **J. petiolaris** subsp. **incerta**

kirkiana T.Anderson
Annual. Herb. Ht 0.25–0.4 m. Alt? B

kraussii C.B.Clarke = **J. protracta** subsp. **protracta**

leucocraspedota Lindau = **J. guerkeana**

leucoderme Schinz = **Monechma leucoderme**

lycioides Schinz = **J. odora**

matammensis (Schweinf.) Oliv.
Adhatoda matammensis Schweinf. (7)
Annual. Herb. Ht 0.3–0.4 m. Alt 330–935 m. B, LIM, M

minima A.Meeuse
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 1160–1465 m. LIM

montis-salinarum A.Meeuse
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1000–1500 m. LIM

mutica C.B.Clarke = **J. petiolaris** subsp. **bowiei**

natalensis (Nees) T.Anderson = **Adhatoda densiflora**

odora (Forssk.) Vahl
J. lycioides Schinz (7)
J. polymorpha Schinz (7)
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 320–1220 m. N, B, LIM, M, KZN

orchioides L.f. subsp. **glabrata** Immelman
Perennial. Shrub, dwarf shrub. Ht 0.15–0.6 m. Alt 120–1370 m. NW, FS, WC, EC

orchioides L.f. subsp. **orchioides**
Gendarussa diosmophylla Nees (7)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.75 m. Alt 30–305 m. EC

pallidior (Nees) C.B.Clarke = **J. betonica**

parvibracteata Immelman = **J. puberula**

petiolaris (Nees) T.Anderson subsp. **bowiei** (C.B.Clarke) Immelman
J. bowiei C.B.Clarke (7)
J. burchellii C.B.Clarke (7)
J. mutica C.B.Clarke (7)
Perennial. Dwarf shrub, herb. Ht 0.25–1.3 m. Alt 15–550 m. EC

petiolaris (Nees) T.Anderson subsp. **incerta** (C.B.Clarke) Immelman (1)
J. incerta C.B.Clarke (7)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 30–1170 m. LIM, NW, G, M, KZN

petiolaris (Nees) T.Anderson subsp. **petiolaris** (2)
Adhatoda petiolaris Nees (7)
Perennial. Dwarf shrub, herb. Ht 0.25–1.5 m. Alt 5–1200 m. LIM, M, S, KZN

platysepala (S.Moore) P.G.Mey.
J. clavicarpa Schinz (7)
Monechma platysepalum S.Moore (7)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 320–1500 m. N

polymorpha Schinz = **J. odora**

protracta (Nees) T.Anderson subsp. **protracta**
J. kraussii C.B.Clarke (7)
J. pulegioides C.B.Clarke (7)
J. rotundifolia (Nees) T.Anderson (7)
J. woodii C.B.Clarke (7)
Perennial. Dwarf shrub, herb. Ht 0.6–2 m. Alt 5–1830 m. LIM, M, S, KZN, EC

protracta (Nees) T.Anderson subsp. **rhodesiana** (S.Moore) Immelman
J. rhodesiana S.Moore (7)
Perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 305–1400 m. N, B, LIM, NW, M

puberula Immelman
J. parvibracteata Immelman (7)
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt? NC

pulegioides C.B.Clarke = **J. protracta** subsp. **protracta**

pulegioides C.B.Clarke subsp. *late-ovata* C.B.Clarke = **Siphonoglossa leptantha** subsp. **late-ovata**

rhodesiana S.Moore = **J. protracta** subsp. **rhodesiana**

rotundifolia (Nees) T.Anderson = **J. protracta** subsp. **protracta**

salsola S.Moore = **Monechma salsola**

spartioides T.Anderson = **Monechma spartioides**

thymifolia (Nees) C.B.Clarke
Adhatoda thymifolia Nees (7)
Perennial. Shrub, dwarf shrub. Ht 0.35–1.75 m. Alt 915–1465 m. NC

triflora Forssk. = **Hypoestes triflora**

trinervia Vahl = **J. betonica**

woodii C.B.Clarke = **J. protracta** subsp. **protracta**

LEPIDAGATHIS Willd. 7971000

(1) Clarke. 1899. *FTA* 5,1: 120–129.

scabra C.B.Clarke
Perennial. Herb. Ht 0.2–0.45 m. Alt 200–1220 m. B, LIM, M, S, KZN

scariosa Nees
L. terminalis Nees (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

terminalis Nees = **L. scariosa**

LEPTOSTACHYA Nees 8094050

campylostemon Nees = **Justicia campylostemon**

MACKAYA Harv. 8039000

(1) Clarke. 1901. *FC* 5,1: 44.
(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 104.

bella Harv.
Perennial. Tree, shrub. Ht 1–3 m. Alt 5–1980 m. LIM, M, S, KZN, EC

MACRORUNGIA C.B.Clarke 8030010

formosissima (Klotzsch) C.B.Clarke = **Anisotes formosissimus**

galpinii C.Baden = **Metarungia galpinii**

longistrobus C.B.Clarke = **Metarungia longistrobus**

MEGALOCHLAMYS Lindau 8061000

(1) Vollesen. 1989. *Kew Bulletin* 44: 601–680.

hamata (Klotzsch) Vollesen
Ecbolium hamatum (Klotzsch) C.B.Clarke (1)
Perennial. Shrub, herb. Ht 0.4–1.5 m. Alt 915–1100 m. B, LIM

kenyensis Vollesen subsp. **australis** Vollesen
Perennial. Shrub, herb. Ht 0.5–1.5 m. Alt 365–610 m. LIM

marlothii (Engl.) Lindau
Dicliptera marlothii Engl. (1)
Dicliptera schumanniana Schinz (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 320–1350 m. N

revoluta (Lindau) Vollesen subsp. **cognata** (N.E.Br.) Vollesen
Ecbolium cognatum N.E.Br. (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.25 m. Alt 520–915 m. B, LIM

METARUNGIA C.Baden 8030000

(1) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1862.
(2) Batten. 1989. *The Flowering Plants of Africa* 50: t. 1989.
(3) Baden. 1995. *FSA* 30,3,1: 3–5.
(4) Edwards *et al.* 2001. *Bothalia* 31: 199–202.

galpinii (C.Baden) C.Baden (2)
Macrorungia galpinii C.Baden (3)
Perennial. Shrub. Ht 2–3 m. Alt 30–100 m. EC

longistrobus (C.B.Clarke) C.Baden (1)
Macrorungia longistrobus C.B.Clarke (3)
Perennial. Shrub. Ht 0.75–1.5 m. Alt 150–900 m. LIM, M, S

pubinervia (T.Anderson) C.Baden
Rungia pubinervia T.Anderson (4)
Perennial. Shrub. Ht 1–5 m. Alt 500–2000 m. KZN

MONECHMA Hochst. 8094010

(1) Munday. 1995. *FSA* 30,3,1: 47–61.

acutum C.B.Clarke
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt? EC

angustissimum S.Moore = **M. divaricatum**

arenicola (Engl.) C.B.Clarke = **M. cleomoides**

atherstonei (T.Anderson) C.B.Clarke = **M. spartioides**

australe P.G.Mey. = **M. genistifolium** subsp. **australe**

bracteatum Hochst. = **M. debile**

calcaratum Schinz
Perennial. Dwarf shrub. Ht 0.45–0.75 m. Alt ?–1005 m. N

callothamnum Munday
Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt? N

clarkei Schinz = **Justicia guerkeana**

cleomoides (S.Moore) C.B.Clarke
Justicia cleomoides S.Moore (1)
M. arenicola (Engl.) C.B.Clarke (1)
Perennial. Shrub, dwarf shrub, suffrutex. Ht 0.3–0.6 m. Alt 650–1165 m. N

crassiusculum P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.25–0.6 m. Alt? N, NC

debile (Forssk.) Nees
Dianthera debilis Forssk. (1)
M. bracteatum Hochst. (1)
M. monechmoides (S.Moore) Hutch. (1)
M. tettense C.B.Clarke (1)
Annual. Herb. Ht 0.3–1.2 m. Alt 15–1500 m. N, B, LIM, M, S, KZN

desertorum (Engl.) C.B.Clarke
Justicia desertorum Engl. (1)
Annual. Herb. Ht 0.15–0.6 m. Alt 700–1000 m. N

distichotrichum (Lindau) P.G.Mey.
Justicia distichotrichum Lindau (1)
Perennial. Suffrutex, dwarf shrub. Ht 0.15–0.5 m. Alt 915–1615 m. N, NC

divaricatum (Nees) C.B.Clarke
Adhatoda divaricata Nees (1)
M. angustissimum S.Moore (1)
M. fimbriatum C.B.Clarke (1)
M. floridum C.B.Clarke (1)
M. namaense (Schinz) C.B.Clarke (1)
M. nepeta (S.Moore) C.B.Clarke (1)
M. nepetoides C.B.Clarke (1)
M. terminale S.Moore (1)
Perennial. Shrub, suffrutex. Ht 0.2–1 m. Alt 100–1850 m. N, B, LIM, NW, M, S, FS, KZN, NC, WC, EC

fimbriatum C.B.Clarke = **M. divaricatum**

floridum C.B.Clarke = **M. divaricatum**

foliosum C.B.Clarke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 835–1000 m. WC, EC

genistifolium (Engl.) C.B.Clarke subsp. **australe** (P.G.Mey.) Munday
M. australe P.G.Mey. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 610–1220 m. N, B, NC

genistifolium (Engl.) C.B.Clarke subsp. **genistifolium**
Justicia genistifolia Engl. (1)
M. hereroense (Engl.) C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 475–1600 m. N

grandiflorum Schinz
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt ?–1100 m. N

hereroense (Engl.) C.B.Clarke = **M. genistifolium** subsp. **genistifolium**

incanum (Nees) C.B.Clarke
Gendarussa incana Nees (1)
Justicia incana (Nees) T.Anderson (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 900–1420 m. N, B, NW, FS, NC, WC, EC

leucoderme (Schinz) C.B.Clarke
Justicia leucoderme Schinz (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 500–1405 m. N, NC

linaria C.B.Clarke
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt ?–170 m. WC

molle C.B.Clarke = **M. mollissimum**

mollissimum (Nees) P.G.Mey.
Adhatoda mollissima Nees (1)
M. molle C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–2.5 m. Alt 190–945 m. N, NC

monechmoides (S.Moore) Hutch. = **M. debile**

namaense (Schinz) C.B.Clarke = **M. divaricatum**

nepeta (S.Moore) C.B.Clarke = **M. divaricatum**

nepetoides C.B.Clarke = **M. divaricatum**

platysepalum S.Moore = **Justicia platysepala**

pseudopatulum C.B.Clarke = **M. spartioides**

robustum Bond
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt ?–610 m. WC

salsola (S.Moore) C.B.Clarke
Justicia salsola S.Moore (1)
Perennial. Dwarf shrub. Ht 0.25–0.65 m. Alt ?–700 m. N

saxatile Munday
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt ?–1100 m. NC

serotinum P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt? N

spartioides (T.Anderson) C.B.Clarke
Justicia spartioides T.Anderson (1)
M. atherstonei (T.Anderson) C.B.Clarke (1)
M. pseudopatulum C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 185–1675 m. N, NW, NC, WC, EC

terminale S.Moore = **M. divaricatum**

tettense C.B.Clarke = **M. debile**

tonsum P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.35–0.7 m. Alt ?–1050 m. N

NELSONIA R.Br. 7909000

(1) Vollesen. 1994. *Proceedings 13th Plenary Meeting AETFAT*: 315–325.

canescens (Lam.) Spreng.
Justicia canescens Lam. (1)
Perennial. Herb. Length 0.05–0.35 m. Alt ?–940 m. N, B

NEURACANTHUS Nees 7977000

(1) Bidgood & Brummitt. 1998. *Kew Bulletin* 53: 1–76.

africanus T.Anderson ex S.Moore var. **africanus**
Barleria sacani Klotzsch ex Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.4–1.5 m. Alt 305–1100 m. LIM

africanus T.Anderson ex S.Moore var. **limpopoensis** Bidgood & Brummitt
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 400–700 m. LIM

NOMAPHILA Blume 7926010

gracillima Schinz = **Hygrophila gracillima**

quadrangularis Klotzsch = **Duosperma quadrangulare**

PERISTROPHE Nees 8026000

(1) Immelman. 1985. *The Flowering Plants of Africa* 48: t. 1920.
(2) Balkwill. 1996. *Bothalia* 26: 83–93.

bicalyculata (Retz.) Nees = **P. paniculata**

caulopsila E.Mey. ex Nees = **P. cernua**

cernua Nees (1)
P. caulopsila E.Mey. ex Nees (2)
P. krebsii C.Presl (2)
P. natalensis T.Anderson (2)
P. oblonga Nees (2)
Perennial. Suffrutex. Ht 0.3–1.8 m. Alt 30–1065 m. KZN, EC

cliffordii K.Balkwill
Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–550 m. LIM

decorticans K.Balkwill
P. kotschyana in sense of K.Balkwill, not of Nees (2)
Perennial. Suffrutex. Ht 0.3–1 m. Alt 500–1060 m. B, LIM

gillilandiorum K.Balkwill
Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–500 m. LIM

grandibracteata Lindau
Perennial. Suffrutex, dwarf shrub. Ht 0.2–0.5 m. Alt? N

hereroensis (Schinz) K.Balkwill
Dicliptera hereroensis Schinz (2)

Perennial. Suffrutex, dwarf shrub. Ht 0.2–0.5 m. Alt ?–2250 m. N

kotschyana in sense of K.Balkwill, not of Nees = **P. decorticans**

krebsii C.Presl = **P. cernua**

namibiensis K.Balkwill subsp. **brandbergensis** K.Balkwill
Perennial. Suffrutex. Ht 0.3–1 m. Alt? N

namibiensis K.Balkwill subsp. **namibiensis**
Perennial. Suffrutex. Ht 0.3–1 m. Alt? N

natalensis T.Anderson = **P. cernua**

oblonga Nees = **P. cernua**

paniculata (Forssk.) Brummitt
Dianthera bicalyculata Retz. (2)
Dianthera paniculata Forssk. (2)
P. bicalyculata (Retz.) Nees (2)
Annual. Herb. Ht 0.5–2 m. Alt 850–915 m. N, B

transvaalensis (C.B.Clarke) K.Balkwill
Dicliptera transvaalensis C.B.Clarke (2)
Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–1000 m. B, LIM

PETALIDIUM Nees 7934000

(1) Obermeyer. 1936. *Annals of the Transvaal Museum* 18: 151–162.
(2) Niemeyer. 1937. *The Flowering Plants of South Africa* 17: t. 669.
(3) Obermeyer. 1959. *The Flowering Plants of Africa* 33: t. 1317.
(4) Obermeyer. 1961. *The Flowering Plants of Africa* 34: t. 1355.
(5) Meyer 1968. *FSWA* 130: 50–62.
(6) Meyer. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 108–112.

angustitubum P.G.Mey.
Perennial. Dwarf shrub, herb. Ht 0.3–0.7 m. Alt ?–400 m. N

aromaticum Oberm. var. **aromaticum**
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 275–550 m. LIM

aromaticum Oberm. var. **canescens** Oberm.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 260–550 m. LIM

bracteatum Oberm. (3)
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 900–1165 m. N

canescens (Engl.) C.B.Clarke
P. eenii S.Moore (1)
Pseudobarleria canescens Engl. (5)
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt? N

cirrhiferum S.Moore
Perennial. Dwarf shrub, herb. Ht 0.3–0.8 m. Alt 900–1980 m. N

coccineum S.Moore (4)
P. rubescens Oberm. (5)
Pseudobarleria coccinea (S.Moore) Lindau (5)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 780–1980 m. N

crispum A.Meeuse ex P.G.Mey.
Perennial. Dwarf shrub, herb. Ht 0.4–0.6 m. Alt 725–900 m. N

cymbiforme Schinz
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt? N

damarense S.Moore = **P. variabile** var. **variabile**

eenii S.Moore = **P. canescens**

engleranum (Schinz) C.B.Clarke
P. eurychlamys Mildbr. (5)
P. latifolium (Schinz) C.B.Clarke (5)
P. ovatum (Schinz) C.B.Clarke (5)
Pseudobarleria engleriana Schinz (5)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 410–1150 m. N, B

eurychlamys Mildbr. = **P. engleranum**

giessii P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt? N

glutinosum (Engl.) C.B.Clarke = **P. variabile** var. **variabile**

halimoides (Nees) S.Moore
Barleria halimoides Nees (5)
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 700–? m. N

incanum (Engl.) Mildbr. = **P. variabile** var. **variabile**

lanatum (Engl.) C.B.Clarke
Pseudobarleria lanata Engl. (5)
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 1200–1350 m. N

latifolium (Schinz) C.B.Clarke = **P. engleranum**

linifolium T.Anderson
P. parvifolium C.B.Clarke ex Schinz var. *angustifolia* Schinz (5)
Pseudobarleria linifolia (T.Anderson) Lindau (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 800–1000 m. N

lucens Oberm.
Perennial. Shrub, dwarf shrub. Ht 0.75–1 m. Alt ?–795 m. N, NC

luteo-album A.Meeuse
Perennial. Shrub, dwarf shrub. Ht 0.7–1.5 m. Alt 700–1200 m. N

oblongifolium C.B.Clarke (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.4–0.9 m. Alt 765–1370 m. LIM, M

ohopohense P.G.Mey.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt? N

ovatum (Schinz) C.B.Clarke = **P. engleranum**

parvifolium C.B.Clarke ex Schinz
P. wilmaniae Oberm. (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1370 m. N, B, NC

parvifolium C.B.Clarke ex Schinz var. *angustifolia* Schinz = **P. linifolium**

physaloides S.Moore
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 700–1005 m. N

pilosi-bracteolatum Merxm. & Hainz
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? N

ramulosum Schinz
Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt? N

rautanenii Schinz
Pseudobarleria glandulifera Lindau (1)
Perennial. Shrub, dwarf shrub. Ht 0.35–1.2 m. Alt ?–1495 m. N

rossmannianum P.G.Mey.
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 200–1235 m. N

rubescens Oberm. = **P. coccineum**

setosum C.B.Clarke ex Schinz
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 460–1220 m. N, NC

spiniferum C.B.Clarke
Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt? N

subcrispum P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt? N

variabile (Engl.) C.B.Clarke var. **spectabile** Mildbr.
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt? N

variabile (Engl.) C.B.Clarke var. **variabile**
P. damarense S.Moore (5)
P. glutinosum (Engl.) C.B.Clarke (5)
P. incanum (Engl.) Mildbr. (5)
Pseudobarleria variabilis Engl. (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 320–1200 m. N

welwitschii S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 700–1200 m. N

wilmaniae Oberm. = **P. parvifolium**

PHAULOPSIS Willd. 7932000

(1) Manktelow. 1996. *Symbolae Botanicae Upsalienses* 31,2: 1–184.

imbricata (Forssk.) Sweet subsp. **imbricata**
P. longifolia Thomson ex C.B.Clarke (1)
Ruellia imbricata Forssk. (1)
Perennial. Herb. Ht 0.25–0.6 m. Alt 15–1370 m. LIM, M, S, KZN, EC

longifolia Thomson ex C.B.Clarke = **P. imbricata** subsp. **imbricata**

semiconica P.G.Mey.
Perennial. Herb. Ht 0.3–0.7 m. Alt 725–1500 m. N

PSEUDERANTHEMUM Radlk. 8024000

(1) Milne-Redhead. 1936. *Kew Bulletin*: 255–268.
(2) Edwards & Harrison. 1998. *Bothalia* 28: 187–190.

hildebrandtii Lindau
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt? KZN

subviscosum (C.B.Clarke) Stapf
Eranthemum subviscosum C.B.Clarke (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–1.2 m. Alt 5–450 m. KZN

PSEUDOBARLERIA T.Anderson 7935000

canescens Engl. = **Petalidium canescens**

coccinea (S.Moore) Lindau = **Petalidium coccineum**

engleriana Schinz = **Petalidium engleranum**

glandulifera Lindau = **Petalidium rautanenii**

lanata Engl. = **Petalidium lanatum**

linifolia (T.Anderson) Lindau = **Petalidium linifolium**

variabilis Engl. = **Petalidium variabile** var. **variabile**

RHINACANTHUS Nees 8054000

(1) Balkwill. 1995. *FSA* 30,3,1: 11–14.

communis C.B.Clarke, not of Nees = **R. gracilis** var. **gracilis**

gracilis Klotzsch var. **gracilis**
R. communis C.B.Clarke, not of Nees (1)
Perennial. Herb. Ht 0.4–1 m. Alt 5–1065 m. S, KZN, EC

gracilis Klotzsch var. **latilabiatus** K.Balkwill
Perennial. Herb. Ht 0.4–1 m. Alt 50–915 m. KZN, EC

kaokoensis K.Balkwill & S.Williamson
Perennial. Herb. Ht 0.4–0.8 m. Alt? N

xerophilus A.Meeuse
Perennial. Herb. Ht 0.2–0.4 m. Alt 305–730 m. LIM, M

RHYTIGLOSSA Nees 8094060

ciliata Nees = **Isoglossa ciliata**

eckloniana Nees = **Isoglossa eckloniana**

origanoides Nees = **Isoglossa origanoides**

ovata Nees = **Isoglossa ovata**

prolixa Nees = **Isoglossa prolixa**

RUELLIA L. 7965000

(1) Clarke. 1901. *FC* 5,1: 11–15.
(2) Meyer. 1968. *FSWA* 130: 63–65.
(3) Kers. 1970. *Svensk Botanisk Tidskrift* 64: 170–172.
(4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 323, 324.
(5) Meyer. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 104.

adhaerens Forssk. = **Priva adhaerens**

aspera (Schinz) E.Phillips
Dinteracanthus asper Schinz (2)
Perennial. Shrub. Ht 0.6–1.2 m. Alt? N

baurii C.B.Clarke
Perennial. Herb. Ht 0.05–0.2 m. Alt? KZN

bignoniiflora S.Moore
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–670 m. N

brandbergensis Kers
Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt 1000–1400 m. N

cordata Thunb.
R. ovata C.B.Clarke in part (4)
Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 15–1705 m. LIM, NW, G, M, S, FS, KZN, EC

currorii T.Anderson
Perennial. Herb. Ht 0.6–0.9 m. Alt 610–670 m. N

depressa L. = **Dyschoriste depressa**

depressa L.f. = **Aptosimum procumbens**

diversifolia S.Moore
Dinteracanthus marlothii (Engl.) Schinz (2)
R. velutina (Schinz) E.Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.25–1.2 m. Alt 350–1850 m. N

imbricata Forssk. = **Phaulopsis imbricata** subsp. **imbricata**

malacophylla C.B.Clarke
Perennial. Herb. Ht 0.1–0.2 m. Alt 225–1280 m. LIM, M, S, KZN

otaviensis P.G.Mey.
R. prostrata of author, not of Poir. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.4–1 m. Alt? N, B, LIM, M, S

ovata C.B.Clarke in part = **R. cordata**

ovata C.B.Clarke in part = **R. pilosa**

patula Jacq.
Perennial. Herb. Ht 0.1–1 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN, EC

pilosa L.f.
R. ovata C.B.Clarke in part (4)
R. zeyheri (Sond.) T.Anderson (4)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 155–215 m. KZN, WC, EC

prostrata of author, not of Poir. = **R. otaviensis**

radicans Hochst. ex A.Rich. = **Dyschoriste radicans**

setigera Pers. = **Chaetacanthus setiger**

spinescens Thunb. = **Aptosimum spinescens**

stenophylla C.B.Clarke
Perennial. Herb. Ht 0.1–0.5 m. Alt 455–1580 m. M, S, KZN

velutina (Schinz) E.Phillips = **R. diversifolia**

woodii C.B.Clarke
Perennial. Herb. Ht 0.05–0.2 m. Alt 460–1065 m. KZN

zeyheri (Sond.) T.Anderson = **R. pilosa**

RUELLIOPSIS C.B.Clarke 7946000

(1) Clarke. 1901. *FC* 5,1: 15.
(2) Meyer. 1968. *FSWA* 130: 165.

damarensis S.Moore
Dyschoriste fleckii Schinz (2)
Perennial. Herb. Length 0.05–0.25 m. Alt ?–1100 m. N

setosa (Nees) C.B.Clarke
Calophanes setosus Nees (1)
Perennial. Herb. Length 0.1–0.3 m. Alt 320–1680 m. N, B, LIM, NW, G, FS, NC

RUNGIA Nees 8029000

pubinervia T.Anderson = **Metarungia pubinervia**

RUSPOLIA Lindau 8022000

(1) Milne-Redhead. 1936. *Kew Bulletin*: 268–273.
(2) Bruce. 1954. *The Flowering Plants of Africa* 30: t. 1166.

decurrens (Hochst. ex Nees) Milne-Redh.
Eranthemum decurrens Hochst. ex Nees (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 440–? m. B

hypocrateriformis (Vahl) Milne-Redh. var. **australis** Milne-Redh. (2)
Perennial. Shrub. Ht 1–3 m. Alt 460–1065 m. B, LIM, M

seticalyx (C.B.Clarke) Milne-Redh.
Eranthemum seticalyx C.B.Clarke (1)
Perennial. Shrub. Ht 0.5–0.85 m. Alt? B

RUTTYA Harv. 8063000

(1) Clarke. 1901. *FC* 5,1: 55.

ovata Harv.
Perennial. Shrub. Ht 0.9–2 m. Alt 15–1435 m. LIM, M, S, KZN, EC

×RUTTYRUSPOLIA A.Meeuse & de Wet 8063010

(1) Meeuse & De Wet. 1961. *Bothalia* 7: 439–441.
(2) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1622.

'Phyllis van Heerden' A.Meeuse & de Wet
Perennial. Shrub. Ht 1–2 m. Alt ?–920 m. LIM

SALPINCTIUM T.J.Edwards 8007010

(1) Edwards & Getliffe Norris. 1989. *South African Journal of Botany* 55: 6–10.
(2) Edwards *et al.* 1993. *The Flowering Plants of Africa* 52: t. 2077.
(3) Edwards *et al.* 1993. *The Flowering Plants of Africa* 52: t. 2078.

hirsutum T.J.Edwards
Perennial. Herb. Ht 0.15–0.35 m. Alt 620–1335 m. S

natalense (C.B.Clarke) T.J.Edwards (2)
Asystasia natalensis C.B.Clarke (1)
Perennial. Herb. Ht 0.1–0.7 m. Alt 115–330 m. KZN

stenosiphon (C.B.Clarke) T.J.Edwards (3)
Asystasia stenosiphon C.B.Clarke (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 435–835 m. EC

SCLEROCHITON Harv. 7978000

(1) Vollesen. 1991. *Kew Bulletin* 46: 1–50.

apiculatus Vollesen
S. coeruleus of authors, not of (Lindau) S.Moore (1)
Perennial. Shrub, climber. Ht 1.5–3 m. Alt 5–60 m. KZN

coeruleus of authors, not of (Lindau) S.Moore = **S. apiculatus**

harveyanus Nees
Perennial. Shrub. Ht 0.5–3 m. Alt 90–1700 m. LIM, M, S, KZN, EC

ilicifolius A.Meeuse
Perennial. Shrub. Ht 0.75–2 m. Alt 850–1435 m. LIM, M

odoratissimus Hilliard
Perennial. Shrub. Ht 1.5–2 m. Alt 550–1525 m. KZN, EC

sp. A
Perennial. Shrub. Ht 0.5–1 m. Alt? M

triacanthus A.Meeuse
Perennial. Shrub. Ht 0.9–1.2 m. Alt 900–1200 m. M

SIPHONOGLOSSA Oerst. 8049000

(1) Immelman. 1995. *FSA* 30,3,1: 6–10.

leptantha (Nees) Immelman subsp. **late-ovata** (C.B.Clarke) Immelman
Justicia pulegioides C.B.Clarke subsp. *late-ovata* C.B.Clarke (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 15–275 m. WC, EC

leptantha (Nees) Immelman subsp. **leptantha**
Gendarussa leptantha Nees (1)
S. nummularia S.Moore (1)
S. tubulosa (Nees) Benth. ex Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 25–1295 m. KZN, WC, EC

linifolia (Lindau) C.B.Clarke
Aulojusticia linifolia Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 1220–1665 m. M, S

nkandlaensis Immelman
Perennial. Herb. Ht 0.2–0.5 m. Alt ?–610 m. KZN, EC

nummularia S.Moore = **S. leptantha** subsp. **leptantha**

tubulosa (Nees) Benth. ex Lindau = **S. leptantha** subsp. **leptantha**

SYNNEMA Benth. 7924000

acinos S.Moore = **Hygrophila acinos**

angolense S.Moore = **Hygrophila angolensis**

THUNBERGIA Retz. 7914000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 147.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 148.
(3) Retief & Reyneke. 1984. *Bothalia* 15: 107–116.

alata Sims (2)
Perennial. Herb, climber. Ht 1–4 m. Alt 15–1340 m. M, S, KZN

amoena C.B.Clarke
Perennial. Herb, creeper. Ht 0.4–2 m. Alt 825–1585 m. LIM, M

aspera Nees = **T. atriplicifolia**

atriplicifolia E.Mey. ex Nees
T. aspera Nees (3)
T. bachmannii Lindau (3)
T. cordibracteolata C.B.Clarke (3)
T. galpinii Lindau (3)
T. hirtistyla C.B.Clarke (3)
T. xanthotricha Lindau (3)
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 10–2075 m. LIM, NW, G, M, S, KZN, EC

atriplicifolia E.Mey. ex Nees × **T. capensis** Retz.
Perennial. Herb, climber. Ht 0.5–1 m. Alt 15–305 m. EC

aurea N.E.Br.
Perennial. Herb, scrambler. Ht 0.15–0.6 m. Alt 410–950 m. N, B, LIM

bachmannii Lindau = **T. atriplicifolia**

capensis Retz.
Perennial. Herb, scrambler. Ht 0.5–1.5 m. Alt 90–1065 m. WC, EC

cordibracteolata C.B.Clarke = **T. atriplicifolia**

dregeana Nees
Perennial. Herb, creeper. Ht 0.4–1 m. Alt 5–765 m. S, KZN, WC, EC

galpinii Lindau = **T. atriplicifolia**

hirtistyla C.B.Clarke = **T. atriplicifolia**

natalensis Hook. (1)

Perennial. Dwarf shrub, herb. Ht 0.5–1.2 m. Alt 40–1525 m. LIM, M, S, KZN, EC

neglecta Sond.
Perennial. Herb, scrambler. Ht 0.2–1 m. Alt 50–1675 m. B, LIM, NW, G, M, S, FS, KZN

pondoensis Lindau
Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 70–1200 m. M, S, KZN

purpurata Harv. ex C.B.Clarke
Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 10–275 m. KZN, EC

venosa C.B.Clarke
Perennial. Herb. Ht 0.1–0.4 m. Alt 665–760 m. KZN

xanthotricha Lindau = **T. atriplicifolia**

ACHARIACEAE

Compiled by C.L. Bredenkamp

ACHARIA Thunb. 5375000

(1) Killick. 1976. *FSA* 22: 130–132.
(2) Thorne. 2000. *The Botanical Review* 66,4: 501.

tragodes Thunb.
Perennial. Herb. Ht ± 0.19 m. Alt 120–1097 m. EC

CERATIOSICYOS Nees 5374000

(1) Killick. 1976. *FSA* 22: 128–130.

laevis (Thunb.) A.Meeuse
Perennial. Shrub, climber. Ht ± 0.4 m. Alt 5–1615 m. LIM, M, S, KZN, WC, EC

GUTHRIEA Bolus 5376000

(1) Killick. 1976. *FSA* 22: 132–134.

capensis Bolus
Perennial. Herb. Ht ± 0.13 m. Alt up to 3050 m. KZN, L, WC, EC

AIZOACEAE

Compiled by M.C. Makgakga

ACROSANTHES Eckl. & Zeyh. 2400000

(1) Adamson. 1959. *Journal of South African Botany* 25: 23–28.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. vol. 13: 132.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, A–E: 25, 26.

anceps (Thunb.) Sond.
Aizoon fistulosum (Eckl. & Zeyh.) D.Dietr. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 425–610 m. NC, WC

angustifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 365–1220 m. WC

humifusa (Thunb.) Sond.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 365–1370 m. N, WC

microphylla Adamson
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC

teretifolia Eckl. & Zeyh.
Aizoon teretifolium (Eckl. & Zeyh.) D.Dietr. (3)
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 155–610 m. WC

AIZOANTHEMUM Dinter ex Friedrich 2401010

(1) Adamson. 1959. *Journal of South African Botany* 25: 44–47.
(2) Friedrich. 1966. *FSWA* 27: 11–13.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, A–E: 28, 29.

dinteri (Schinz) Friedrich
A. sphingis Dinter ex Friedrich (3)
A. stellatum Dinter ex Friedrich (2)
Aizoon dinteri Schinz (2)
Annual. Herb. Ht 0.2–0.4 m. Alt up to 1000 m. N

galenioides (Fenzl ex Sond.) Friedrich
Aizoon galenioides Fenzl ex Sond. (2)
Annual. Herb. Ht 0.15–0.2 m. Alt? N, WC

hispanicum L.
Aizoon hispanicum L. (3)
Aizoon hispanicum L. var. *genuinum* Maire (3)
Aizoon hispanicum L. var. *ninus* Maire (3)
Aizoon sessiliflorum Moench (3)
Annual. Herb. Ht up to 0.25 m. Alt? WC

karooicum Compton
Perennial. Herb. Ht 0.05–0.2 m. Alt? WC

membrumconnectens Dinter ex Friedrich = **A. rehmannii**

rehmannii (Schinz) H.E.K.Hartmann
A. membrumconnectens Dinter ex Friedrich (3)
Annual. Herb. Ht 0.01–0.03 m. Alt? N

sphingis Dinter ex Friedrich = **A. dinteri**

stellatum Dinter ex Friedrich = **A. dinteri**

AIZOON L. 2401000

(1) Adamson. 1959. *Journal of South African Botany* 25: 44–47.
(2) Friedrich. 1966. *FSWA* 27: 13–16.
(3) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 557.
(4) Gonçalves. 1978. *FZ* 4,4: 509, 510.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, A–E: 30–33.

asbestinum Schltr.
A. burchellii N.E.Br. (2)
Perennial. Herb. Ht 0.02–0.08 m. Alt 580–1270 m. N, NC

burchellii N.E.Br. = **A. asbestinum**

canariense L.
A. canariense L. var. *denudatum* Sond. (5)
A. procumbens Crantz (1)
A. spathulatum Eckl. & Zeyh. (5)

Perennial. Herb. Ht up to 0.4 m. Alt 5–1200 m. N, LIM, S, FS, KZN, NC, WC, EC

canariense L. var. *denudatum* Sond. = **A. canariense**

contaminatum Eckl. & Zeyh. = **Galenia secunda**

dinteri Schinz = **Aizoanthemum dinteri**

elongatum Eckl. & Zeyh. = **Galenia secunda**

fistulosum (Eckl. & Zeyh.) D.Dietr. = **Acrosanthes anceps**

fruticosum G.Schellenb. in part = **A. schellenbergii**

fruticosum G.Schellenb. in part = **Galenia affinis**

fruticosum G.Schellenb. in part = **Galenia fruticosa**

galenioides Fenzl ex Sond. = **Aizoanthemum galenioides**

giessii Friedrich
Perennial. Herb. Ht up to 0.05 m. Alt? N

glabrum Luehm. ex Ewart = **Gunniopsis glabra**

glinoides L.f.
A. hirsutum Eckl. & Zeyh. (1)
Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 10–1465 m. WC, EC

herniarium Rchb. ex Steud. = **Galenia herniariaefolia**

heterophylla Fenzl ex Sond. = **Galenia pubescens** var. **pubescens**

hirsutum Eckl. & Zeyh. = **A. glinoides**

hispanicum L. = **Aizoanthemum hispanicum**

hispanicum L. var. *genuinum* Maire = **Aizoanthemum hispanicum**

hispanicum L. var. *minus* Maire = **Aizoanthemum hispanicum**

karooicum Compton
Perennial. Herb. Ht 0.05–0.2 m. Alt? WC

microphyllum Bartl. = **Galenia herniariaefolia**

paniculatum L.
A. rarum N.E.Br. (5)
A. stellatum Lam. (1)
A. tomentosum Lam. (1)
Perennial. Herb. Ht up to 0.5 m. Alt 25–700 m. WC

papulosum Eckl. & Zeyh. = **Galenia papulosa**

perfoliatum L.f. = **Tetragonia decumbens**

procumbens Crantz = **A. canariense**

propinquum Eckl. & Zeyh. = **Galenia secunda**

pubescens Eckl. & Zeyh. = **Galenia pubescens** var. **pubescens**

rarum N.E.Br. = **A. paniculatum**

rigidum L.f
A. rigidum L.f. var. *angustifolium* Sond. (5)
A. rigidum L.f. var. *villosum* Adamson (5)
A. sericeum Fenzl ex Sond. (5)
Perennial. Herb. Ht ± 0.6 m. Alt 5–765 m. WC, EC

rigidum L.f. var. *angustifolium* Sond. = **A. rigidum**

rigidum L.f. var. *villosum* Adamson = **A. rigidum**

sarmentosum L.f.
A. sarmentosum L.f. var. *hirsutum* Eckl. & Zeyh. (5)
A. sarmentosum L.f. var. *strigosum* Eckl. & Zeyh. (5)
Perennial. Herb. Ht 0.1–0.15 m. Alt 5–765 m. NC, WC

sarmentosum L.f. var. *hirsutum* Eckl. & Zeyh. = **A. sarmentosum**

sarmentosum L.f. var. *strigosum* Eckl. & Zeyh. = **A. sarmentosum**

schellenbergii Adamson
A. fruticosum G.Schellenb. in part (3)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 580–1900 m. N, B, NC

secundum L.f = **Galenia secunda**

sericeum Fenzl ex Sond. = **A rigidum**

sessiliflorum Moench = **Aizoanthemum hispanicum**

spathulatum Eckl. & Zeyh. = **A. canariense**

stellatum Lam. = **A. paniculatum**

squamulosum Eckl. & Zeyh. = **Galenia squamulosa**

teretifolium (Eckl. & Zeyh.) D.Dietr. = **Acrosanthes teretifolia**

theurkauffii Maire = **Mesembryanthemum cryptanthum**

tomentosum Lam. = **A. paniculatum**

virgatum Welw. ex Oliv.
Annual, occ. perennial. Dwarf shrub. Ht 0.35–0.9 m. Alt 320–1800 m. N, B

zeyheri Sond.
Perennial. Herb. Ht ± 0.09 m. Alt? NC, WC

GALENIA L. 2399000

(1) Adamson. 1956. *Journal of South African Botany* 22: 87–127.
(2) Friedrich. 1966. *FSWA* 27: 47–55.
(3) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 558.
(4) Bittrich. 1990. *Bothalia* 20: 217–219.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, F–Z: 28–34.

aizoides Fenzl ex Sond. = **G. secunda**

acutifolia Adamson
Perennial. Herb. Ht ± 0.18 m. Alt? FS, WC

affinis Sond.
Aizoon fruticosum G.Schellenb. in part (5)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 170–1372 m. LIM, NC, WC

africana L.
G. africana L. var. *halimifolia* Fenzl ex Sond. (5)
G. africana L. var. *pentandra* Hiern (5)
G. africana L. var. *secundata* Adamson (5)
G. linearis Thunb. (5)
G. namaensis of author, not of Schinz, misapplied name (2)
G. tenuifolia Salisb. (5)
Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, FS, NC, WC, EC

africana L. var. *halimifolia* Fenzl ex Sond. = **G. africana**

africana L. var. *pentandra* Hiern = **G. africana**

africana L. var. *secundata* Adamson = **G. africana**

collina (Eckl. & Zeyh.) Walp.
G. humifusa Fenzl ex Sond. (5)
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 130–1021 m. B, NC, WC

collina (Eckl. & Zeyh.) Walp. var. *meziana* (K.Müll.) Adamson = **G. meziana**

collina of author, not of (Eckl. & Zeyh.) Walp., misapplied name = **G. meziana**

contaminata Eckl. & Zeyh. = **G. secunda**

crystallina (Eckl. & Zeyh.) Fenzl var. **crystallina**
Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 2–915 m. N, NC, WC

crystallina (Eckl. & Zeyh.) Fenzl var. **maritima** Adamson
G. namaquensis G.Schellenb. & Schltr. (5)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

cymosa Adamson
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? NC, WC

dinteri G.Schellenb. = **G. meziana**

dregeana Fenzl ex Sond.

Perennial. Dwarf shrub. Ht up to 0.45 m. Alt? N, NC

ecklonis Walp.
G. glauca Sond. (3)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt up to 85 m. WC

elongata Eckl. & Zeyh. = **G. secunda**

exigua Adamson
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? FS, NC

fallax Pax = **G. fruticosa**

filiformis (Thunb.) N.E.Br.
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 60–800 m. NC, WC

fruticosa (L.f.) Sond.
Aizoon fruticosum G.Schellenb. in part (5)
G. fallax Pax (5)
G. fruticosa (L.f.) Sond. var. *prostrata* Adamson (5)
G. salsoloides Fenzl ex Sond. (5)
G. sericea Fenzl ex Sond. (5)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 85–1524 m. N, NC, WC, EC

fruticosa (L.f.) Sond. var. *prostrata* Adamson = **G. fruticosa**

glandulifera Bittrich
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? NC, WC

glauca Sond. = **G. ecklonis**

hemisphaerica Adamson
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N, NC

herniariaefolia (C.Presl) Fenzl
Aizoon herniarium Rchb. ex Steud. (5)
Aizoon microphyllum Bartl. (5)
Perennial. Dwarf shrub. Ht 0.1–0.75 m. Alt 5–185 m. WC, EC

heterophylla Fenzl ex Sond. = **G. pubescens** var. **pubescens**

hispidissima Fenzl
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? WC

humifusa Fenzl ex Sond. = **G. collina**

leucoclada G.Schellenb. & Schltr. = **G. pruinosa**

leucodermis Dinter = **G. pruinosa**

linearis Thunb. = **G. africana**

meziana K.Müll.
G. collina (Eckl. & Zeyh.) Walp. var. *meziana* (K.Müll.) Adamson (2)
G. collina of author, not of (Eckl. & Zeyh.) Walp., misapplied name (2)
G. dinteri G.Schellenb. (5)
G. steingroeveri Engl. (5)
Perennial. Dwarf shrub. Ht 0.01–0.02 m. Alt up to 270 m. N, NC, WC, EC

namaensis Schinz
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? N, FS, NC

namaensis of author, not of Schinz, misapplied name = **G. africana**

namaquensis G.Schellenb. & Schltr. = **G. crystallina** var. **crystallina**

pallens (Eckl. & Zeyh.) Walp.
G. pubescens (Eckl. & Zeyh.) Druce var. *pallens* Adamson (5)
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt up to 137 m. EC

papulosa (Eckl. & Zeyh.) Sond.
Aizoon papulosum Eckl. & Zeyh. (5)
G. papulosa (Eckl. & Zeyh.) Sond. var. *microphylla* Adamson (2)
G. papulosa (Eckl. & Zeyh.) Sond. var. *tristyla* Kuntze (5)
Perennial. Herb. Ht 0.1–0.8 m. Alt 30–1435 m. N, NC, WC, EC

papulosa (Eckl. & Zeyh.) Sond. var. *microphylla* Adamson = **G. papulosa**

papulosa (Eckl. & Zeyh.) Sond. var. *tristyla* Kuntze = **G. papulosa**

portulacacea Fenzl
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? NW, FS, NC

procumbens L.f.
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt up to 1585 m. B, NW, FS, NC, WC, EC

prostrata G.Schellenb.
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt up to 1890 m. NW, FS, NC, EC

pruinosa Sond.
G. leucoclada G.Schellenb. & Schltr. (5)
G. leucodermis Dinter (5)
Perennial. Dwarf shrub. Ht 0.15–0.55 m. Alt 120–740 m. N, NC

pubescens (Eckl. & Zeyh.) Druce var. *cerosa* Adamson = **G. pubescens** var. **pubescens**

pubescens (Eckl. & Zeyh.) Druce var. *fourcadei* Adamson = **G. pubescens** var. **pubescens**

pubescens (Eckl. & Zeyh.) Druce var. *lignosa* Adamson = **G. pubescens** var. **pubescens**

pubescens (Eckl. & Zeyh.) Druce var. *pallens* Adamson = **G. pallens**

pubescens (Eckl. & Zeyh.) Druce var. **pubescens**
Aizoon heterophylla Fenzl ex Sond. (5)
Aizoon pubescens Eckl. & Zeyh. (5)
G. heterophylla Fenzl ex Sond. (5)
G. spathulata Fenzl. ex Sond. (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *cerosa* Adamson (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *fourcadei* Adamson (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *lignosa* Adamson (5)
Perennial. Dwarf shrub. Ht 0.03–1.5 m. Alt 15–1830 m. NW, FS, NC, WC, EC

rigida Adamson
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? NC, WC

salsoloides Fenzl ex Sond. = **G. fruticosa**

sarcophylla Fenzl
Perennial. Dwarf shrub, herb. Ht 0.05–0.3 m. Alt 40–1435 m. N, FS, NC, WC, EC

secunda (L.f.) Sond.
Aizoon contaminatum Eckl. & Zeyh. (5)
Aizoon elongatum Eckl. & Zeyh. (5)
Aizoon propinquum Eckl. & Zeyh. (5)
Aizoon secundum L.f. (5)
G. aizoides Fenzl ex Sond. (5)
G. contaminata Eckl. & Zeyh. (5)
G. elongata Eckl. & Zeyh. (5)
G. secunda (L.f) Sond. var. *strigulosa* Sond. (5)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 10–1310 m. N, B, NW, FS, NC, WC, EC

secunda (L.f) Sond. var. *strigulosa* Sond. = **G. secunda**

sericea Fenzl. ex Sond. = **G. fruticosa**

spathulata Fenzl. ex Sond. = **G. pubescens** var. **pubescens**

squamulosa (Eckl. & Zeyh.) Fenzl
Aizoon squamulosum Eckl. & Zeyh. (5)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt up to 400 m. NC

steingroeveri Engl. = **G. meziana**

subcarnosa Adamson
Perennial. Herb. Ht ± 0.14 m. Alt? NC, EC

tenuifolia Salisb. = **G. africana**

PLINTHUS Fenzl 2398000

(1) Verdoorn. 1941. *Bothalia* 4: 177–179.
(2) Adamson. 1961. *Journal of South African Botany* 27: 147–151.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, F–Z: 221, 222.

cryptocarpus Fenzl
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1160 m. N, B, NC

karooicus I.Verd.
P. karooicus I.Verd. var. *alternifolia* Adamson (3)
Perennial. Dwarf shrub. Ht 0.02–0.3 m. Alt up to 1524 m. N, B, NW, FS, EC

karooicus I.Verd. var. *alternifolia* Adamson = **P. karooicus**

laxifolius I.Verd. = **P. sericeus**

psammophilus Dinter & Adamson = **P. rehmannii**

rehmannii G.Schellenb.
P. psammophilus Dinter & Adamson (3)
Perennial. Dwarf shrub. Ht ± 0.24 m. Alt up to 610 m. LIM

sericeus Pax
P. laxifolius I.Verd. (3)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 370–1900 m. N, B, NW, FS, NC

SESUVIUM L. 2394000

(1) Adamson. 1962. *Journal of South African Botany* 28: 244–246.
(2) Gonçalves. 1965. *Garcia de Orto* 13: 381.
(3) Gonçalves. 1970. *Conspectus florae angolensis* 4: 322–327.
(4) Gonçalves. 1978. *FZ* 4,4: 514–516.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, F–Z: 296–301.

crystallinum Welw. ex Oliv. = **S. mesembryanthemoides**

digynum Welw. ex Oliv. var. *angustifolia* Schinz = **S. sesuvioides** var. **angustifolia**

hydaspicum (Edgew.) Gonç.
Annual. Herb. Ht up to 0.5 m. Alt up to 1100 m. B

mesembryanthemoides Wawra & Peyritsch
S. crystallinum Welw. ex Oliv. (5)
Perennial. Subshrub. Ht 0.006–0.015 m. Alt? N

nyasicum (Baker) Gonç.
Perennial. Herb. Ht up to 0.009 m. Alt? B

pedunculatum Pers. = **S. portulacastrum**

portulaca Crantz = **S. portulacastrum**

portulacastrum (L.) L.
S. pedunculatum Pers. (5)
S. portulaca Crantz (5)
S. portulacastrum (L.) L. var. *griseum* O.Deg. & Fosberg (5)
S. repens Willd. (5)
Perennial. Herb. Ht 0.03–0.08 m. Alt? N

portulacastrum (L.) L. var. *griseum* O.Deg. & Fosberg = **S. portulacastrum**

quadrifidum = **Gunniopsis quadrifida**

repens Willd. = **S. portulacastrum**

sesuvioides (Fenzl) Verdc. var. **angustifolium** (Schinz) Gonç.
S. digynum Welw. ex Oliv. var. *angustifolia* Schinz (5)
Annual. Herb. Ht up to 0.5 m. Alt? N

sesuvioides (Fenzl) Verdc. var. **sesuvioides**
Annual. Herb. Ht up to 0.5 m. Alt 100–700 m. N, LIM, NW, G, NC

TETRAGONIA L. 2403000

(1) Adamson. 1955. *Journal of the South African Botany* 21,3: 109–149.
(2) Jeffrey. 1961. *FTEA* Aizoaceae: 32–34.
(3) Friedrich. 1967. *FSWA* 28: 1–6.
(4) Gonçalves. 1970. *Conspectus florae angolensis*. 4: 33.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants.* Aizoaceae, F–Z: 316–328.

acanthocarpa Adamson
Annual. Herb. Ht 0.1–0.5 m. Alt up to 610 m. FS, KZN, NC

arbuscula Fenzl
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 30–2380 m. N, FS, NC, WC, EC

arbusculoides Engl. = **T. reduplicata**

caesia Adamson
Perennial. Herb. Ht up to 0.4 m. Alt? WC

calycina Fenzl
T. karasmontana Dinter ex Adamson (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 80–1220 m. N, B, NW, FS, NC, WC

chenopodioides Eckl. & Zeyh. emended Fenzl
T. macrostylis Schltr. (5)
Perennial. Herb. Ht up to 0.4 m. Alt up to 45 m. WC, EC

cynocrambe Dinter = **T. microptera**

decumbens Mill.
Aizoon perfoliatum L.f. (5)
T. obovata Haw. (5)
T. perfoliata (L.f) Druce. (5)
T. tetrapteris Haw. (5)
T. zeyheri Fenzl. (5)
Perennial. Herb. Ht ± 0.5 m. Alt 2–700 m. N, NC, WC, EC

distorta Fenzl
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? NC

echinata Aiton
Annual. Herb. Ht up to 0.4 m. Alt 30–765 m. NC, WC, EC

erecta Adamson
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? WC

expansa Murray = **T. tetragonoides**

fruticosa L.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 1–1100 m. N

glauca Fenzl
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 230–914 m. N, NC, WC

haworthii Fenzl
Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt up to 900 m. NC, WC

herbacea L.
Perennial. Herb. Ht up to 0.5 m. Alt ± 155 m. WC

hirsuta L.f.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 30–700 m. NC, WC

karasmontana Dinter ex Adamson = **T. calycina**

lasiantha Adamson
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

macroptera Pax
T. cynocrambe Dinter (5)
Perennial. Shrub. Ht up to 0.6 m. Alt? N, NW, NC, WC

macrostylis Schltr. = **T. chenopodioides**

microptera Fenzl
T. cynocrambe Dinter (2)
T. microptera Fenzl var. *monosperma* Fenzl (5)
T. microptera Fenzl var. *platycarpa* Adamson (5)
T. microptera Fenzl var. *trisperma* Fenzl (5)
Annual. Herb. Ht up to 0.5 m. Alt 580–1042 m. N, NC, WC

microptera Fenzl var. *monosperma* Fenzl = **T. microptera**

microptera Fenzl var. *platycarpa* Adamson = **T. microptera**

microptera Fenzl var. *trisperma* Fenzl = **T. microptera**

namaquensis Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–640 m. NC, WC

nigrescens Eckl. & Zeyh.
T. nigrescens Fenzl var. *hirsuta* Fenzl (5)
T. nigrescens Fenzl var. *hirta* Fenzl (5)
T. nigrescens Fenzl var. *pruinosa* Fenzl (5)
T. nigrescens Fenzl var. *maritima* Sond. (5)
Perennial. Herb. Ht up to 0.5 m. Alt 76–700 m. NC, WC

nigrescens Fenzl var. *hirsuta* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *hirta* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *pruinosa* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *maritima* Sond. = **T. nigrescens**

obovata Haw = **T. decumbens**

perfoliata (L.f.) Druce = **T. decumbens**

pillansii Adamson
Annual. Herb. Ht 0.06–0.1 m. Alt up to 155 m. NC, WC

portulacoides Fenzl
Perennial. Herb. Ht? Alt 50–820 m. WC

psiloptera Fenzl = **T. robusta** var. **psiloptera**

quadricornis Stokes = **T. tetragonoides**

rangeana Engl.
Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt? N

reduplicata Welw. ex Oliv.
T. arbusculoides Engl. (3)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 400–1705 m. N, NC, WC

robusta Fenzl var. **psiloptera** (Fenzl) Adamson
T. psiloptera Fenzl (6)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? WC

robusta Fenzl var. **robusta**
Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 5–1035 m. NW, L, WC, EC

rosea Schltr.
Perennial. Herb. Ht up to 0.6 m. Alt 90–914 m. NC, WC

saligna Fenzl
T. saligna Fenzl var. *extrusa* Adamson (6)
T. saligna Fenzl var. *latifolia* Adamson (6)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt up to 215 m. NC, WC

saligna Fenzl var. *extrusa* Adamson = **T. saligna**

saligna Fenzl var. *latifolia* Adamson = **T. saligna**

sarcophylla Fenzl var. **sarcophylla**
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 75–600 m. NC, WC

sarcophylla Fenzl var. **saxatilis** (E.Phillips) Adamson
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt? NC, WC

schenckii (Schinz) Engl.
Perennial. Shrub. Ht 0.5–2 m. Alt 750–1500 m. N

sphaerocarpa Adamson
Perennial. Herb. Ht up to 0.45 m. Alt? WC

spicata L.f. var. **laxa** Adamson
Perennial. Dwarf shrub. Ht 0.9–1 m. Alt 600–920 m. NW, NC, WC

spicata L.f. var. **spicata**
Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 40–1500 m. N, B, FS, NC, WC

tetragonoides (Pall.) Kuntze
T. expansa Murray (2)
T. quadricornis Stokes (5)
Annual. Herb. Ht 0.01–0.02 m. Alt up to 500 m. KZN

tetrapteris Haw. = **T. decumbens**

verrucosa Fenzl
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 30–900 m. N, NC, WC

virgata Schltr.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 75–1130 m. LIM, WC

zeyheri Fenzl = **T. decumbens**

TRIANTHEMA L. 2395000

(1) Adamson. 1962. *Journal of South African Botany* 28: 246–252.
(2) Friedrich 1966. *FSWA* 27: 131–133.
(3) Gonçalves. 1978. *FZ* 4,4: 516–520.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 89.

hereroensis Schinz
Annual. Herb. Ht ± 0.5 m. Alt 450–1220 m. N

parvifolia E.Mey. ex Sond. var. **parvifolia**
T. triquetra Rottler ex Willd. subsp. *parvifolia* (Sond.) Jeffrey (3)
Annual. Herb. Ht up to 0.4 m. Alt 350–1340 m. N, B, LIM, FS, NC, WC

parvifolia E.Mey. ex Sond. var. **rubens** (Sond.) Adamson
Annual. Herb. Ht up to 0.4 m. Alt? N, B, NC

pentandra L. = **Zaleya pentandra**

portulacastrum L.
Annual. Herb. Ht up to 0.5 m. Alt up to 575 m. M

salsoloides Fenzl ex Oliv. var. **salsoloides**
Annual. Herb. Ht up to 0.5 m. Alt 200–1420 m. N, B, LIM, NW, M, FS, NC

salsoloides Fenzl ex Oliv. var. **stenophylla** Adamson
Annual. Herb. Ht up to 0.5 m. Alt? B, LIM, NW, G, M, FS

salsoloides Fenzl ex Oliv. var. **transvaalensis** (Schinz) Adamson
Annual. Herb. Ht up to 0.5 m. Alt? B, NW, G, M, FS

triquetra Rottler ex Willd. subsp. *parvifolia* (Sond.) Jeffrey = **T. parvifolia** var. **parvifolia**

triquetra Rottler ex Willd. subsp. **triquetra** var. **triquetra**
Annual. Herb. Ht 0.2–0.6 m. Alt 270–915 m. N, B, LIM, M, FS

TRIBULOCARPUS S.Moore 2403010

(1) Adamson. 1955. *Journal of South African Botany* 21: 48, 49.
(2) Friedrich. 1967. *FSWA* 28: 6, 7.

dimorphanthus (Pax) S.Moore
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–1200 m. N, KZN

ZALEYA Burm.f. 2395010

(1) Jeffrey. 1960. *Kew Bulletin* 14: 237, 238.
(2) Adamson. 1962. *Journal of South African Botany* 28: 148, 149.
(3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 162.
(4) Gonçalves. 1978. *FZ* 4,4: 520, 521.

pentandra (L.) Jeffrey
Trianthema pentandra L. (3)
Annual, occ. perennial. Herb. Ht ± 0.5 m. Alt 30–1250 m. N, B, LIM, NW, G, M, S, KZN, WC

AMARANTHACEAE

Compiled by M.C. Makgakga

*ACHYRANTHES L. 2328000

(1) Podlech. 1966. *FSWA* 33: 3, 4.
(2) Townsend. 1988. *FZ* 9,1: 105–109.

aquatica R.Br. = **Centrostachys aquatica**

argentea Lam. = **A. aspera** var. **sicula**

aspera L. var. **aspera**
A. aspera L. var. *obtusifolia* (Lam.) Suess. (1)
Perennial. Herb. Ht 0.12–2 m. Alt 5–1785 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

aspera L. var. *obtusifolia* (Lam.) Suess. = **A. aspera** var. **aspera**

aspera L. var. **pubescens** (Moq.) C.C.Towns.
Perennial. Herb. Ht 0.2–2 m. Alt 165–1460 m. B, KZN, NC

aspera L. var. **sicula** L.
A. argentea Lam. (2)
A. sicula (L.) All. (2)
Perennial. Herb. Ht 0.2–1.8 m. Alt 5–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

atropurpurea Lam. = **Pupalia lappacea** var. **lappacea**

avicularis E.Mey. ex Moq. = **Achyropsis avicularis**

carsonii Baker = **Pandiaka carsonii** var. **carsonii**

corymbosa L. = **Polycarpaea corymbosa** var. **corymbosa**

cylindrica Bojer = **Cyathula cylindrica** var. **cylindrica**

lanata L. = **Aerva lanata**

lappacea L. = **Pupalia lappacea** var. **lappacea**

repens L. = **Alternanthera pungens**

sicula (L.) All. = **A. aspera** var. **sicula**

ACHYROPSIS (Moq.) Hook.f. 2328020

(1) Cooke & Wright. 1912. *FC* 5,1: 429–431.
(2) Townsend. 1980. *Kew Bulletin* 34: 431–433.
(3) Townsend. 1988. *FZ* 9,1: 110–115.

avicularis (E.Mey. ex Moq.) T.Cooke & C.H.Wright
Achyranthes avicularis E.Mey. ex Moq. (1)
Annual. Herb. Ht 0.45–1.8 m. Alt 15–1065 m. LIM, KZN

leptostachya (E.Mey. ex Meisn.) Baker & C.B.Clarke
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–1465 m. B, LIM, NW, G, M, S, KZN, EC

AERVA Forssk. 2317000

(1) Cooke & Wright. 1912. *FC* 5,1: 425–427.
(2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 50–52.
(3) Townsend. 1988. *FZ* 9,1: 93–97.

ambigua Moq. = **A. leucura**

desertorum Engl. = **Arthraerua leubnitziae**

javanica (Burm.f.) Juss. ex Schult. var. **javanica**
A. persica (Burm.f.) Merr. (3)
A. tomentosa Forssk. (3)
Perennial. Herb. Ht 0.3–1.5 m. Alt 850–1100 m. B

lanata (L.) Juss. ex Schult.
Achyranthes lanata L. (2)
Perennial. Herb. Ht 0.1–2 m. Alt 60–1097 m. G, KZN

leubnitziae Kuntze = **Arthraerua leubnitziae**

leucura Moq.
A. ambigua Moq. (2)
Perennial. Herb. Ht 0.5–1.2 m. Alt 152–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

pechuelii Kuntze = **Calicorema capitata**

persica (Burm.f.) Merr. = **A. javanica** var. **javanica**

tomentosa Forssk. = **A. javanica** var. **javanica**

*ALTERNANTHERA Forssk. 2335000

(1) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 184, 185.
(2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 71–77.
(3) Podlech. 1966. *FSWA* 33: 5, 6.
(4) Townsend. 1988. *FZ* 9,1: 124–130.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 98, 99.

achyrantha R.Br. = **A. pungens**

caracasana Kunth
Perennial. Herb. Ht ± 0.4 m. Alt up to 1363 m. LIM, G, FS

nodiflora R.Br.
A. sessilis L. var. *nodiflora* (R.Br.) Kuntze (2)
Perennial. Herb. Ht up to 0.25 m. Alt 15–1500 m. N, B, G, S, FS, KZN, L

pungens Kunth
Achyranthes repens L. (3)
A. achyrantha R.Br. (1)
A. repens in sense of (L.) Link, not of J.F.Gmel. (3)
Perennial. Herb. Ht ± 0.3 m. Alt 90–2000 m. N, B, G, S, FS, KZN

repens in sense of (L.) Link, not of J.F.Gmel. = **A. pungens**

sessilis (L.) DC.
Gomphrena sessilis L. (3)
Perennial. Herb. Ht up to 0.3 m. Alt 5–1370 m. N, B, LIM, G, M, FS, KZN, NC

sessilis L. var. *nodiflora* (R.Br.) Kuntze = **A. nodiflora**

AMARANTHUS L. 2299000

(1) Suessenguth. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 143–145.
(2) Brenan. 1961. *Watsonia* 4: 27.
(3) Gusev. 1972. *Botanische Zurnal* 57: 462.
(4) Brenan. 1981. *Journal of South African Botany* 47,3: 451–492.
(5) Townsend. 1988. *FZ* 9,1: 45–60.

angustifolius in sense of Adamson, misapplied name = **A. praetermissus**

***blitoides** S.Watson
Annual. Herb. Ht 0.15–0.5 m. Alt? NC

blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Galpin 2015*, not of L., misapplied name = **A. capensis** subsp. **capensis**

blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Zeyher 1438*, not of L., misapplied name = **A. schinzianus**

capensis Thell. subsp. **capensis**
A. blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Galpin 2015*, not of L., misapplied name (4)
Annual. Herb. Ht ± 0.02 m. Alt 425–1935 m. M, NC, EC

capensis Thell. subsp. **uncinatus** (Thell.) Brenan
A. dinteri Schinz var. *uncinatus* Thell. (4)
Annual. Herb. Ht ± 0.03 m. Alt? FS

***caudatus** L.
Annual. Herb. Ht? Alt? Distr.?

cruentus L. = **A. hybridus** subsp. **cruentus**

*__deflexus__ L.
A. viridis in sense of T.Cooke & C.H.Wright, not of L., misapplied name (4)
Perennial. Herb. Ht 0.1–0.9 m. Alt 5–1280 m. N, G, FS, L, WC, EC

__dinteri__ Schinz subsp. __brevipetiolatus__ Brenan
Annual. Herb. Ht 1–4 m. Alt? FS

__dinteri__ Schinz subsp. __dinteri__ var. __a__
Annual. Herb. Ht up to 0.05 m. Alt 546–1370 m. N, B, NW, M, FS, NC, WC, EC

__dinteri__ Schinz subsp. __dinteri__ var. __b__
Annual. Herb. Ht up to 0.05 m. Alt up to 1700 m. N, NC

dinteri Schinz var. *uncinatus* Thell. = **A. capensis** subsp. **uncinatus**

*__dubius__ Mart. ex Thell.
Annual. Herb. Ht 0.15–0.9 m. Alt up to 20 m. KZN

gracilis Desf. = **A. viridis**

*__hybridus__ L. subsp. __cruentus__ (L.) Thell.
A. cruentus L. (4)
Annual. Herb. Ht 0.3–1.82 m. Alt 650–1635 m. LIM, NW, G, M, FS, KZN

*__hybridus__ L. subsp. __hybridus__ var. __erythrostachys__ Moq.
Annual. Herb. Ht 0.6–2 m. Alt up to 1355 m. LIM, G, M, S, KZN, EC

*__hybridus__ L. subsp. __hybridus__ var. __hybridus__
A. paniculatus in sense of T.Cooke & C.H.Wright, misapplied name (4)
A. powellii S.Watson (4)
Annual. Herb. Ht 0.15–4.36 m. Alt 5–2550 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

*__lividus__ L. subsp. __polygonoides__ (Moq.) Probst (insufficiently known)
Euxolus viridus (L.) Moq. var. *polygonoides* Moq. (4)
Annual. Herb. Ht? Alt? KZN, 'CP'

*__muricatus__ (Moq.) Hieron.
Euxolus muricatus Moq. (4)
Perennial. Herb. Ht 0.15–0.2 m. Alt up to 300 m. G, WC

paniculatus in sense of T.Cooke & C.H.Wright, misapplied name = **A. hybridus** subsp. **hybridus** var. **hybridus**

powellii S.Watson = **A. hybridus** subsp. **hybridus** var. **hybridus**

__praetermissus__ Brenan
A. angustifolius in sense of Adamson, misapplied name (4)
A. schinzianus in sense of Suess. & Podlech, misapplied name (4)
A. thunbergii in sense of Suess. & Podlech, misapplied name (4)
Annual. Herb. Ht 0.15–1 m. Alt 350–975 m. N, B, LIM, M, FS, NC

*__retroflexus__ L. var. __delilei__ (Richter & Loret) Thell.
Annual. Herb. Ht 0.15–1 m. Alt? KZN

*__retroflexus__ L. var. __retroflexus__
Annual. Herb. Ht 0.15–1 m. Alt? KZN

schinzianus in sense of Suess. & Podlech, misapplied name = **A. praetermissus**

__schinzianus__ Thell.
A. blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Zeyher 1438*, not of L., misapplied name (4)
Annual. Herb. Ht 0.03–0.5 m. Alt 600–940 m. N, B, FS, NC, WC

*__spinosus__ L.
Annual. Herb. Ht 0.45–1.5 m. Alt 5–1365 m. N, B, LIM, NW, G, M, S, KZN

*__standleyanus__ Parodi ex Covas
A. vulgatissimus in sense of Thell., not of Speg., misapplied name (4)
Annual. Herb. Ht 0.2–0.7 m. Alt? FS

__thunbergii__ Moq.
Annual. Herb. Ht 0.3–1 m. Alt 1–2685 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

thunbergii in sense of Suess. & Podlech, misapplied name = **A. praetermissus**

*__viridis__ L.
A. gracilis Desf. (4)
Perennial. Herb. Ht 0.1–0.75 m. Alt 5–1330 m. G, M, FS, WC, EC

viridis in sense of T.Cooke & C.H.Wright, not of L., misapplied name = **A. deflexus**

vulgatissimus in sense of Thell., not of Speg., misapplied name = **A. standleyanus**

ARTHRAERUA (Kuntze) Schinz 2320000

(1) Podlech. 1966. *FSWA* 33: 9.

__leubnitziae__ (Kuntze) Schinz
Aerva desertorum Engl. (1)
Aerva leubnitziae Kuntze (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 50–160 m. N

BERZELIA Mart. 2293010

glauca (Wendl.) Mart. = **Hermbstaedtia glauca**

BRAYULINEA Small 2330000

densa (Willd.) Small = **Guilleminea densa**

CALICOREMA Hook.f. 2325000

(1) Podlech. 1966. *FSWA* 33: 10.

__capitata__ (Moq.) Hook.f.
Aerva pechuelii Kuntze (1)
Sericocoma capitata Moq. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 400–1500 m. N, NC

__squarrosa__ (Schinz) Schinz
Sericocoma squarrosa Schinz (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 440–2257 m. N, NC

CELOSIA L. 2292000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1236.
(2) Townsend. 1975. *Hooker's Icones Plantarum* 38: 1–12.
(3) Townsend. 1988. *FZ* 9,1: 30–39.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 100, 101.

*__argentea__ L. forma __argentea__
C. debilis S.Moore (2)
Annual. Herb. Ht 0.4–2 m. Alt? NW

argenteiformis (Schinz) Schinz = **Hermbstaedtia argenteiformis**

debilis S.Moore = **C. argentea** forma **argentea**

digyna Suess. = **C. trigyna**

falcata Lopr. = **Hermbstaedtia linearis**

fleckii Schinz = **Hermbstaedtia fleckii**

glauca J.C.Wendl. = **Hermbstaedtia glauca**

humilis Suess. = **Hermbstaedtia fleckii**

intermedia Schinz = **Hermbstaedtia spathulifolia**

linearis (Schinz) Schinz = **Hermbstaedtia linearis**

longistyla (C.B.Clarke) Suess. = **Hermbstaedtia argenteiformis**

namaensis Schinz = **Hermbstaedtia fleckii**

odorata Burch. = **Hermbstaedtia odorata** var. **odorata**

recurva Burch. = **Hermbstaedtia odorata** var. **odorata**

scabra (Schinz) Schinz = **Hermbstaedtia scabra**

schaeferi Schinz = **Hermbstaedtia schaeferi**

schinzii (C.B.Clarke) Suess. = **Hermbstaedtia linearis**

spathulifolia Engl. = **Hermbstaedtia spathulifolia**

trigyna L.
C. digyna Suess. (2)
C. trigyna L. var. *longistyla* Suess. incl. subvar. *convexa* Suess. and *filamentosa* Suess. (2)
C. triloba E.Mey. ex Meisn. (2)
Annual. Herb. Ht 0.3–1.2 m. Alt 0–1000 m. N, B, LIM, M, S, KZN, EC

trigyna L. var. *longistyla* Suess. incl. subvar. *convexa* Suess. and *filamentosa* Suess. = **C. trigyna**

triloba E.Mey. ex Meisn. = **C. trigyna**

CENTEMA Hook.f. 2311000

(1) Cooke & Wright. 1912. *FC* 5,1: 418, 419.
(2) Townsend. 1988. *FZ* 9,1: 70–72.

cruciata Schinz = **Kyphocarpa cruciata**

subfusca (Moq.) T.Cooke
Pupalia subfusca Moq. (1)
Perennial. Herb. Ht 0.15–0.6 m. Alt 25–185 m. LIM, S, KZN

CENTROSTACHYS Wall. 2328030

(1) Townsend. 1988. *FZ* 9,1: 109, 110.

aquatica (R.Br.) Wall. ex Moq.
Achyranthes aquatica R.Br. (1)
Perennial. Herb. Ht 0.3–1.5 m. Alt? B

CYATHULA Blume 2312000

(1) Cooke & Wright. 1912. *FC* 5,1: 419–422
(2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 46, 47.
(3) Suessenguth. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 147.
(4) Podlech. 1966. *FSWA* 33: 13–15.
(5) Townsend. 1988. *FZ* 9,1: 79–87.

albida Lopr. = **C. cylindrica** var. **cylindrica**

angustifolia Moq. = **Kyphocarpa angustifolia**

crispa Schinz = **C. lanceolata**

cylindrica Moq. var. **cylindrica**
Achyranthes cylindrica Bojer (2)
C. albida Lopr. (5)
Pupalia alopecurus Fenzl ex Drège (1)
Perennial. Herb. Ht 0.3–2 m. Alt 225–2210 m. N, LIM, NW, G, M, S, FS, KZN, L

deserti (N.E.Br.) Suess. = **C. lanceolata**

globulifera Moq. = **C. uncinulata**

hereroensis Schinz = **C. lanceolata**

lanceolata Schinz
C. crispa Schinz (5)
C. deserti (N.E.Br.) Suess. (4)
C. hereroensis Schinz (5)
C. lanceolata Schinz var. *scabrida* Schinz (4)
Pandiaka lanceolata (Schinz) C.B.Clarke (4)
Perennial. Herb. Ht 0.15–0.9 m. Alt 275–1385 m. N, B, LIM, FS

lanceolata Schinz var. *scabrida* Schinz = **C. lanceolata**

natalensis Sond.
C. spathulata Schinz (2)
C. spathulifolia Lopr. (2)
Pupalia natalensis Sond. (1)
Perennial. Herb. Ht 0.6–1.4 m. Alt up to 1100 m. LIM, KZN

orthacantha (Hochst. ex Asch.) Schinz
Pupalia orthacantha Hochst. ex Asch. (4)
Annual. Herb. Ht 0.3–1.5 m. Alt 795–1310 m. N, B, LIM

spathulata Schinz = **C. natalensis**

spathulifolia Lopr. = **C. natalensis**

strigosa Suess.
Perennial. Herb. Ht 0.4–0.5 m. Alt? N

uncinulata (Schrad.) Schinz
C. globulifera Moq. (2)
Desmochaeta uncinulata Hiern (1)
Perennial. Herb, climber. Ht 0.3–3 m. Alt 80–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

DESMOCHAETA DC. 2314010

atropurpurea DC. = **Pupalia lappacea** var. **lappacea**

uncinulata Hiern = **Cyathula uncinulata**

EUXOLUS Raf. 2299000

muricatus Moq. = **Amaranthus muricatus**

viridus (L.) Moq. var. *polygonoides* Moq. = **Amaranthus lividus** L. subsp. **polygonoides**

*GOMPHRENA L. 2338000

(1) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 185.
(2) Podlech. 1966. *FSWA* 33: 15, 16.
(3) Townsend. 1988. *FZ* 9,1: 130–133.

celosioides Mart.
G. celosioides Mart. forma *villosa* Suess. (2)
G. decumbens Jacq. (1)
Perennial. Herb. Ht 0.07–0.35 m. Alt 5–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

celosioides Mart. forma *villosa* Suess. = **G. celosioides**

decumbens Jacq. = **G. celosioides**

globosa L.
Annual. Herb. Ht 0.15–0.6 m. Alt up to 90 m. G, M

sessilis L. = **Alternanthera sessilis**

*GUILLEMINEA Kunth 2330010

(1) Townsend. 1988. *FZ* 9,1: 122–124.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 102.

densa (Willd. ex Roem. & Schult.) Moq.
Brayulinea densa (Willd.) Small (1)
Illecebrum densum Willd. ex Roem. & Schult. (1)
Perennial. Herb. Ht ± 0.3 m. Alt 95–1800 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

HERMBSTAEDTIA Rchb. 2293000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1236.
(2) Meeuse. 1961. *Kirkia* 2: 162–171.
(3) Townsend. 1982. *Kew Bulletin* 37,1: 82–90.
(4) Townsend. 1988. *FZ* 9,1: 39–45.

angolensis C.B.Clarke
Annual. Herb. Ht 0.2–0.75 m. Alt? N

argenteiformis Schinz
Celosia argenteiformis (Schinz) Schinz (3)
Celosia longistyla (C.B.Clarke) Suess. (3)
Annual. Herb. Ht 0.22–0.6 m. Alt 200–2000 m. N

caffra (Meisn.) Moq.
Perennial. Herb. Ht 0.35–0.65 m. Alt 0–300 m. KZN

capitata Schinz
Annual. Herb. Ht 0.08–0.14 m. Alt? LIM

damarensis C.B.Clarke = **H. odorata** var. **odorata**

elegans Moq. = **H. odorata** var. **odorata**

elegans Moq. var. *aurantiaca* Suess. = **H. odorata** var. **aurantiaca**

fleckii (Schinz) Baker & C.B.Clarke
Celosia fleckii Schinz (3)
Celosia humilis Suess. (3)
Celosia namaensis Schinz (3)
Annual. Herb. Ht 0.15–0.6 m. Alt up to 915 m. N, B, LIM, NW, NC

glauca (J.C.Wendl.) Rchb. ex Steud.
Berzelia glauca (J.C.Wendl.) Mart. (3)
Celosia glauca J.C.Wendl. (3)
Perennial. Shrub. Ht 0.4–2 m. Alt 200–1100 m. N, NC

laxiflora Lopr. = **H. odorata** var. **odorata**

linearis Schinz
Celosia falcata Lopr. (3)
Celosia linearis (Schinz) Schinz (3)
Celosia schinzii (C.B.Clarke) Suess. (3)
H. schinzii C.B.Clarke (3)
Annual. Herb. Ht 0.08–0.35 m. Alt 30–1800 m. N, B

odorata (Burch.) T.Cooke var. **albi-rosea** Suess.
Perennial. Herb. Ht 0.25–0.6 m. Alt? N, B, LIM, NW

odorata (Burch.) T.Cooke var. **aurantiaca** (Suess.) C.C.Towns.
H. elegans Moq. var. *aurantiaca* Suess. (3)
Perennial. Herb. Ht 0.15–0.75 m. Alt 0–300 m. KZN

odorata (Burch.) T.Cooke var. **odorata**
Celosia odorata Burch. (3)
Celosia recurva Burch. (3)
H. damarensis C.B.Clarke (3)
H. elegans Moq. (2)
H. laxiflora Lopr. (2)
H. recurva (Burch.) C.B.Clarke (2)
H. rubromaginata C.H.Wright (2)
H. tetrastigma Suess. (2)
H. transvaalensis Gand., illegitimate name (2)
H. transvaalensis Lopr. (2)
Perennial. Herb. Ht 0.15–0.6 m. Alt 12–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

ovata Dinter = **H. scabra**

recurva (Burch.) C.B.Clarke = **H. odorata** var. **odorata**

rogersii Burtt Davy
Perennial. Herb. Ht 0.02–0.1 m. Alt? LIM

rubromaginata C.H.Wright = **H. odorata** var. **odorata**

scabra Schinz
Celosia scabra (Schinz) Schinz (3)
H. ovata Dinter (3)
Annual. Herb. Ht 0.3–1.1 m. Alt 45–945 m. N, B

schaeferi (Schinz) Schinz & Dinter
Celosia schaeferi Schinz (3)
Annual. Herb. Ht 0.2–0.6 m. Alt ?–1000 m. B, NC

schinzii C.B.Clarke = **H. linearis**

spathulifolia (Engl.) Baker
Celosia intermedia Schinz (2)
Celosia spathulifolia Engl. (3)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–700 m. N

tetrastigma Suess. = **H. odorata** var. **odorata**

transvaalensis Gand. = **H. odorata** var. **odorata**

transvaalensis Lopr. = **H. odorata** var. **odorata**

ILLECEBRUM L. 2335010

densum Willd. ex Roem. & Schult. = **Guilleminea densa**

KYPHOCARPA (Fenzl) Lopr. 2309000

(1) Cooke & Wright. 1912. *FC* 5,1: 414–416.
(2) Schinz. 1912. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 57: 539.
(3) Podlech. 1966. *FSWA* 33: 17.
(4) Townsend. 1988. *FZ* 9,1: 62–64.

angustifolia (Moq.) Lopr.
Cyathula angustifolia Moq. (3)
K. zeyheri (Moq.) Lopr. (4)
Sericocoma angustifolia (Moq.) Hook.f. (1)
Sericocoma hereroensis Suess. & Beyerle (3)
Annual. Herb. Ht 0.15–0.7 m. Alt 45–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

cruciata (Schinz) Schinz
Centema cruciata Schinz (2)
Annual. Herb. Ht 0.2–0.35 m. Alt 425–1310 m. N, B, LIM

quadrangula (Engl.) C.B.Clarke = **Nelsia quadrangula**

trichinoides (Fenzl) Lopr.
Sericocoma chrysurus Meisn. (1)
Sericocoma trichinoides Fenzl (1)
Trichinium chrysurus Meisn. ex Moq. (1)
Annual. Herb. Ht 0.35–0.6 m. Alt 5–55 m. KZN

zeyheri in sense of Lopr., misapplied name = **Sericocoma avolans**

zeyheri (Moq.) Lopr. = **K. angustifolia**

LEUCOSPHAERA Gilg 2313000

(1) Podlech. 1966. *FSWA* 33: 17, 18.
(2) Townsend. 1988. *FZ* 9,1: 72–74.

bainesii (Hook.f.) Gilg
L. pfeilii Gilg (1)
Marcellia bainesii (Hook.f.) C.B.Clarke (1)
Sericocoma bainesii Hook.f. (1)
Sericocomopsis bainesii (Hook.f.) Schinz (1)
Perennial. Dwarf shrub. Ht 0.08–0.45 m. Alt 610–2000 m. N, B, LIM, NC

pfeilii Gilg = **L. bainesii**

MARCELLIA Baill. 2308010

bainesii (Hook.f.) C.B.Clarke = **Leucosphaera bainesii**

denudata (Hook.f.) Lopr. = **Marcelliopsis denudata**

dinteri Schinz = **Marcelliopsis denudata**

sericea (Schinz) C.B.Clarke = **Sericorema sericea**

splendens Schinz = **Marcelliopsis splendens**

welwitschii (Hook.f.) Lopr. = **Marcelliopsis welwitschii**

MARCELLIOPSIS Schinz 2308000

(1) Podlech. 1966. *FSWA* 33: 18, 19.

denudata (Hook.f.) Schinz
Marcellia denudata (Hook.f.) Lopr. (1)
Marcellia dinteri Schinz (1)
Sericocoma denudata Hook.f. (1)
Perennial. Shrub. Ht 0.7–1.5 m. Alt 700–1200 m. N

splendens (Schinz) Schinz
Marcellia splendens Schinz (1)
Perennial. Dwarf shrub. Ht 0.45–0.8 m. Alt? N

welwitschii (Hook.f.) Schinz
Marcellia welwitschii (Hook.f.) Lopr. (1)
Sericocoma welwitschii Hook.f. (1)
Annual. Herb. Ht 0.15–0.3 m. Alt ± 1163 m. N

NELSIA Schinz 2309020

(1) Podlech. 1966. *FSWA* 33: 19, 20.
(2) Townsend. 1988. *FZ* 9,1: 65–67.

quadrangula (Engl.) Schinz
Kyphocarpa quadrangula (Engl.) C.B.Clarke (1)
Sericocoma quadrangula Engl. (1)
Sericocomopsis quadrangula (Engl.) Lopr. (1)

Annual. Herb. Ht 0.4–0.9 m. Alt 450–1850 m. N, B

NOTHOSAERVA Wight 2318000

(1) Townsend. 1988. *FZ* 9,1: 97–99.

brachiata (L.) Wight
Annual. Herb. Ht 0.04–0.45 m. Alt up to 520 m. KZN

PANDIAKA (Moq.) Hook.f. 2328010

(1) Podlech. 1966. *FSWA* 33: 20.
(2) Townsend. 1988. *FZ* 9,1: 115–122.

carsonii (Baker) C.B.Clarke var. **carsonii**
Achyranthes carsonii Baker (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt? N

heterochiton (Lopr.) C.B.Clarke = **Sericocoma heterochiton**

lanceolata (Schinz) C.B.Clarke = **Cyathula lanceolata**

PSILOTRICHUM Blume 2324000

(1) Baker & Clarke. 1909. *FTA* 6: 58.
(2) Verdcourt. 1964. *Kew Bulletin* 17: 492.
(3) Townsend. 1988. *FZ* 9,1: 101–105.

africanum Oliv. = **P. scleranthum**

scleranthum Thwaites
P. africanum Oliv. (2)
Perennial. Dwarf shrub, herb. Ht 0.2–2 m. Alt 15–490 m. LIM, M, KZN

PUPALIA Juss. 2314000

(1) Cooke & Wright. 1912. *FC* 5,1: 422–424.
(2) Podlech. 1966. *FSWA* 33: 20, 21.
(3) Townsend. 1979. *Kew Bulletin* 34,1: 131–142.
(4) Townsend. 1988. *FZ* 9,1: 88–93.

alopecurus Fenzl ex Drège = **Cyathula cylindrica** var. **cylindrica**

atropurpurea (Lam.) Moq. = **P. lappacea** var. **lappacea**

lappacea (L.) A.Juss. var. **lappacea**
Achyranthes atropurpurea Lam. (4)
Achyranthes lappacea L. (4)
Desmochaeta atropurpurea DC. (4)
P. atropurpurea (Lam.) Moq. (4)
Annual. Herb. Ht 0.3–0.9 m. Alt 2–1705 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

micrantha Hauman
Annual. Herb. Ht 0.5–1.5 m. Alt? B

natalensis Sond. = **Cyathula natalensis**

orthacantha Hochst. ex Asch. = **Cyathula orthacantha**

remotiflora Moq. = **Sericorema remotiflora**

subfusca Moq. = **Centema subfusca**

SERICOCOMA Fenzl 2305000

(1) Cooke & Wright. 1912. *FC* 5,1: 416–418.
(2) Podlech. 1966. *FSWA* 33: 21, 22.

angustifolia (Moq.) Hook.f. = **Kyphocarpa angustifolia**

avolans Fenzl
Kyphocarpa zeyheri in sense of Lopr., misapplied name (1)
S. zeyheri Engl. (1)
Perennial. Dwarf shrub. Ht 0.25–0.7 m. Alt 400–1220 m. N, NW, NC, WC, EC

bainesii Hook.f. = **Leucosphaera bainesii**

capitata Moq. = **Calicorema capitata**

chrysurus Meisn. = **Kyphocarpa trichinoides**

denudata Hook.f. = **Marcelliopsis denudata**

hereroensis Suess. & Beyerle = **Kyphocarpa angustifolia**

heterochiton Lopr.
Pandiaka heterochiton (Lopr.) C.B.Clarke (2)
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt up to 2380 m. N, NC

namaensis Suess. = **S. pungens**

pungens Fenzl
S. namaensis Suess. (2)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 140–1035 m. N, NC

quadrangula Engl. = **Nelsia quadrangula**

remotiflora Hook.f. = **Sericorema remotiflora**

squarrosa Schinz = **Calicorema squarrosa**

trichinoides Fenzl = **Kyphocarpa trichinoides**

welwitschii Hook.f. = **Marcelliopsis welwitschii**

zeyheri Engl. = **S. avolans**

SERICOCOMOPSIS Schinz 2306000

bainesii (Hook.f.) Schinz = **Leucosphaera bainesii**

quadrangula (Engl.) Lopr. = **Nelsia quadrangula**

SERICOREMA (Hook.f.) Lopr. 2307000

(1) Cooke & Wright. 1912. *FC* 5,1: 412.
(2) Podlech. 1966. *FSWA* 33: 22, 23.
(3) Townsend. 1988. *FZ* 9,1: 67–70.

remotiflora (Hook.f.) Lopr.
Pupalia remotiflora Moq. (1)
Sericocoma remotiflora Hook.f. (1)
Trichinium remotiflorum Hook. (1)
Perennial. Herb. Ht 0.4–1 m. Alt 135–1430 m. N, B, LIM, NW, G, M, FS, NC

sericea (Schinz) Lopr.
Marcellia sericea (Schinz) C.B.Clarke (2)
Annual. Herb. Ht 0.2–0.6 m. Alt 795–1370 m. N, B, LIM, NW, M, NC

TRICHINIUM Moq. 2321000

chrysurus Meisn. ex Moq. = **Kyphocarpa trichinoides**

remotiflorum Hook. = **Sericorema remotiflora**

ANACARDIACEAE

Compiled by R.H. Archer & E. Retief

*ANACARDIUM L. 4546000

(1) Fernandes & Fernandes. 1966. *FZ* 2: 551.
(2) Kokwaro. 1986. *FTEA* Anacardiaceae: 2, 3.

occidentale L.
Perennial. Tree. Ht 2–10 m. Alt ?–155 m. KZN

ANAPHRENIUM E.Mey. 4589020

crassinervium (Engl.) Engl. = **Ozoroa crassinervia**

BOTRYCERAS Willd. 4587010

laurinum Willd. = **Laurophyllus capensis**

HARPEPHYLLUM Bernh. 4562000

(1) Fernandes & Fernandes. 1966. *FZ* 2: 555–557.

caffrum Bernh.
Perennial. Tree. Ht 2–15 m. Alt 15–1400 m. LIM, M, S, KZN, EC

HEERIA Meisn. 4589000

(1) Fernandes 1965. *Boletim da Sociedade Broteriana*, sér. 2, 38: 150, 151.
(2) Moffett. 1993. *FSA* 19: 120.

argentea (Thunb.) Meisn.
Rhus thunbergii (Thunb.) Hook. (2)
Perennial. Tree. Ht 0.5–5 m. Alt 10–990 m. WC

aromatica Dinter = **Ozoroa crassinervia**

concolor (C.Presl) Kuntze = **Ozoroa concolor**

crassinervia Engl. = **Ozoroa crassinervia**

dinteri Schinz = **Ozoroa crassinervia**

dispar (C.Presl) Kuntze = **Ozoroa dispar**

hereroensis Schinz = **Ozoroa hereroensis**

insignis (Delile) Kuntze var. *reticulata* Baker f. = **Ozoroa insignis** subsp. **reticulata**

longipes Engl. & Gilg = **Ozoroa longipes**

mucronata Bernh. = **Ozoroa mucronata**

namaensis Schinz & Dinter = **Ozoroa namaensis**

rangeana Engl. = **Ozoroa dispar**

reticulata (Baker f.) Engl. = **Ozoroa insignis** subsp. **reticulata**

schinzii Engl. = **Ozoroa schinzii**

LANNEA A.Rich. 4563000

(1) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1043.
(2) Fernandes & Fernandes. 1966. *FZ* 2: 557–567.
(3) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 748–753.
(4) Kokwaro. 1986. *FTEA* Anacardiaceae: 10–27.

discolor (Sond.) Engl.
Odina discolor Sond. (2)
Perennial. Tree. Ht 0.75–12 m. Alt 305–1480 m. N, B, LIM, NW, G, M, S

edulis (Sond.) Engl. var. **edulis**
Odina edulis Sond. (2)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 245–1625 m. N, B, LIM, NW, G, M, S, KZN

edulis (Sond.) Engl. var. *glabrescens* (Engl.) Burtt Davy = **L. gossweileri** subsp. **tomentella**

gossweileri Exell & Mendonça subsp. **gossweileri**
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 1300–1450 m. N, B

gossweileri Exell & Mendonça subsp. **tomentella** (R.Fern. & A.Fern.) J.B.Gillett
L. edulis (Sond.) Engl. var. *glabrescens* (Engl.) Burtt Davy (3)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1400–1600 m. LIM, G?

kirkii Burtt Davy = **L. schweinfurthii** var. **stuhlmannii**

schweinfurthii (Engl.) Engl. var. **stuhlmannii** (Engl.) Kokwaro
L. kirkii Burtt Davy (3)
L. stuhlmannii (Engl.) Engl. (3)
Perennial. Tree. Ht 2–18 m. Alt 30–1370 m. LIM, M, S

schweinfurthii (Engl.) Engl. var. **tomentosa** (Dunkley) Kokwaro
L. stuhlmannii (Engl.) Engl. var. *tomentosa* Dunkley (3)
Perennial. Tree. Ht 3–15 m. Alt 1050–1200 m. N, B

stuhlmannii (Engl.) Engl. = **L. schweinfurthii** var. **stuhlmannii**

stuhlmannii (Engl.) Engl. var. *tomentosa* Dunkley = **L. schweinfurthii** var. **tomentosa**

zastrowiana Engl. & Brehmer
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt ± 1550 m. N

LAUROPHYLLUS Thunb. 4587000

(1) Thunberg. 1792. *Nova genera plantarum*: 104.
(2) Sonder. 1860. *FC* 1: 524.

capensis Thunb.
Botryceras laurinum Willd. (1)
Perennial. Tree. Ht 1–6 m. Alt 50–1220 m. WC

LOXOSTYLIS A.Spreng. ex Rchb. 4586000

(1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1536.

alata A.Spreng. ex Rchb.
Perennial. Tree, shrub. Ht 2–10 m. Alt 90–1350 m. KZN, WC, EC

*MANGIFERA L. 4545000

(1) Fernandes & Fernandes. 1966. *FZ* 2: 552.
(2) Kokwaro. 1986. *FTEA* Anacardiaceae: 3.

indica L.
Perennial. Tree, shrub. Ht 5–20 m. Alt ?–457 m. LIM, M, S, KZN

ODINA Engl. 4563010

discolor Sond. = **Lannea discolor**

edulis Sond. = **Lannea edulis** var. **edulis**

OZOROA Delile 4589010

(1) Fernandes & Fernandes. 1965. *Boletim da Sociedade Broteriana*, sér. 2, 38: 150–183.
(2) Fernandes. 1966. *Garcia da Orta* 14: 19–60.
(3) Merxmüller & Schreiber. 1968. *FSWA* 74: 1–16.
(4) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 745–183.
(5) Kokwaro. 1986. *FTEA* Anacardiaceae: 4–10.
(6) Retief. 1990. *Bothalia* 20: 219–221.
(7) Von Teichman & Van Wyk. 1994. *Annals of Botany* 73: 175–184.
(8) Von Breitenbach *et al.* 2001. *Pocket guide of indigenous trees of southern Africa*: 113–115.

albicans R.Fern. & A.Fern.
Perennial. Tree. Ht 0.5–1 m. Alt 1400–1500 m. LIM

barbertonensis Retief
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 800–1200 m. M

cinerea (Engl.) R.Fern. & A.Fern. (insufficiently known) (1)

concolor (C.Presl ex Sond.) De Winter
Heeria concolor (C.Presl) Kuntze (1)
Rhus concolor C.Presl (3)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 150–380 m. N, NC

crassinervia (Engl.) R.Fern. & A.Fern.
Anaphrenium crassiuerviun (Engl.) Engl. (3)
Heeria aromatica Dinter (3)
Heeria crassiuervia Engl. (3)
Heeria diuteri Schinz (8)
Perennial. Tree, shrub. Ht 1–7 m. Alt 505–1850 m. N, NC

dispar (C.Presl) R.Fern. & A.Fern.
Heeria dispar (C.Presl) Kuntze (3)
Heeria rangeana Engl. (3)
O. rangeana (Engl.) R.Fern. & A.Fern. (3)
Rhus dispar C.Presl (3)
Perennial. Tree, shrub. Ht 1–5 m. Alt 165–1065 m. N, NC, WC

engleri R.Fern. & A.Fern.
Perennial. Tree, shrub. Ht 1–9 m. Alt 30–1740 m. LIM, M, S, KZN

hereroensis (Schinz) R.Fern. & A.Fern.
Heeria hereroensis Schinz (1)
Perennial. Shrub. Ht up to 2 m. Alt ± 1100 m. N

insignis Delile subsp. **latifolia** (Engl.) R.Fern. var. **latifolia**
Perennial. Tree, shrub. Ht 2–6 m. Alt 400–1200 m. N

insignis Delile subsp. **reticulata** (Baker f.) J.B.Gillett
Heeria insignis (Delile) Kuntze var. *reticulata* Baker f. (4)
Heeria reticulata (Baker f.) Engl. (4)
O. reticulata (Baker f.) R.Fern. & A.Fern. (4)
Perennial. Tree, shrub. Ht 0.5–8 m. Alt 245–1525 m. N, B

longipes (Engl. & Gilg) R.Fern. & A.Fern.
Heeria longipes Engl. & Gilg (3)
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 379–1220 m. N, B

mucronata (Bernh.) R.Fern. & A.Fern.
Heeria mucronata Bernh. (1)
Perennial. Tree, shrub. Ht 1.2–5 m. Alt 60–460 m. EC

namaensis (Schinz & Dinter) R.Fern.
Heeria namaensis Schinz & Dinter (3)
Perennial. Tree, shrub. Ht 1–3.5 m. Alt 120–1450 m. N, NC

namaquensis (Sprague) Von Teichman & A.E.van Wyk
Protorhus namaquensis Sprague (7)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt ± 680 m. N, NC

obovata (Oliv.) R.Fern. & A.Fern. var. **elliptica** R.Fern. & A.Fern. (interm. hybrid with *O. engleri*)
Perennial. Tree, shrub. Ht 1.5–9 m. Alt 15–1000 m. LIM? M?

obovata (Oliv.) R.Fern. & A.Fern. var. **obovata**
Perennial. Tree, shrub. Ht 1.5–9 m. Alt 15–80 m. KZN

okavangensis R.Fern. & A.Fern.
Perennial. Shrub. Ht up to 1.5 m. Alt ± 1140 m. N

paniculosa (Sond.) R.Fern. & A.Fern. var. **paniculosa**
Rhus paniculosa Sond. (1)
Perennial. Tree, shrub. Ht 0.5–10 m. Alt 15–2400 m. N, B, LIM, NW, G, M, S, FS, KZN

paniculosa (Sond.) R.Fern. & A.Fern. var. **salicina**
Perennial. Tree, shrub. Ht 0.5–10 m. Alt 15–2400 m. N, B, LIM, NW, G, M

rangeana (Engl.) R.Fern. & A.Fern. = **O. dispar**

reticulata (Baker f.) R.Fern. & A.Fern. = **O. insignis** subsp. **reticulata**

schinzii (Engl.) R.Fern. & A.Fern.
Heeria schinzii Engl. (3)
Perennial. Tree, shrub. Ht 0.5–2 m. Alt 1060–1140 m. N

sphaerocarpa R.Fern. & A.Fern.
Perennial. Tree, shrub. Ht 1.5–7 m. Alt 152–1300 m. LIM, G, M, S, KZN

PROTORHUS Engl. 4576000

(1) Engler. 1881. *Botanische Jahrbücher* 1: 420–422.

longifolia (Bernh.) Engl.
Rhus longifolia (Bernh.) Sond. (1)
Perennial. Tree. Ht 1.5–18 m. Alt 12–1980 m. LIM, M, S, KZN, EC

namaquensis Sprague = **Ozoroa namaquensis**

RHUS L. 4594000

(1) Codd. 1969. *The Flowering Plants of Africa* 39: t. 1549.
(2) Moffett. 1993. *FSA* 19: 1–129.
(3) Moffett & Ward-Hilhorst. 1994. *Flowering Plants of Africa* 53: 36–41, t. 2088.
(4) Moffett. 1999. *Botanical Journal of the Linnean Society* 130: 37–42.

acocksii Moffett
Perennial. Scandent shrub or climber. Ht 1–? m. Alt? KZN, EC

africana in sense of many authors, not of Mill., misapplied name = **R. scytophylla** var. **scytophylla**

africana Mill. = **R. lucida** forma **lucida**

africana Mill. var. *macrophylla* Sond. = **R. scytophylla** var. **scytophylla**

albomarginata Sond.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–460 m. EC

amerina Meikle = **R. leptodictya**

angustifolia L.
Perennial. Tree, shrub, dwarf shrub. Ht 0.2–1.5(–4) m. Alt 30–950 m. NC, WC

batophylla Codd
Perennial. Shrub. Ht 1–2 m. Alt 650–975 m. LIM

baurii Schönland = **R. pyroides** var. **pyroides**

bolusii Sond. ex Engl.
Perennial. Tree, shrub. Ht 1–2(–5) m. Alt 1000–1830 m. FS, L, EC

burchellii Sond. ex Engl.
R. undulata Jacq. var. *burchellii* (Sond.) Schönland (2)
R. undulata Jacq. var. *tricrenata* (Engl.) R.Fern. (2)
Perennial. Tree, shrub. Ht 0.25–5 m. Alt 60–2000 m. N, FS, L, NC, WC

burkeana Sond. = **R. magalismontana** subsp. **magalismontana**

carnosula Schönland
R. carnosula Schönland var. *parvifolia* Schönland (2)
Perennial. Dwarf shrub, shrub. Ht 0.25–1.5 m. Alt 30–1100 m. KZN, EC

carnosula Schönland var. *parvifolia* Schönland = **R. carnosula**

chirindensis Baker f.
R. chirindensis Baker f. forma *legatii* (Schönland) R.Fern. & A.Fern. (2)
R. legatii Schönland (2)
Perennial. Tree, shrub. Ht 1–23 m. Alt 5–1980 m. LIM, M, S, KZN, WC, EC

chirindensis Baker f. forma *legatii* (Schönland) R.Fern. & A.Fern. = **R. chirindensis**

ciliata in sense of Schönland in part, not of Licht. ex Schult., misapplied name = **R. tridactyla**

ciliata Licht. ex Schult.
R. ciliata Licht. ex Schult. forma *fastigiata* Schönland (2)
R. ciliata Licht. ex Schult. forma *lepidota* Burtt Davy (2)
Perennial. Shrub. Ht 0.4–2 m. Alt 273–1650 m. N, B, NW, FS, NC

ciliata Licht. ex Schult. forma *fastigiata* Schönland = **R. ciliata**

ciliata Licht. ex Schult. forma *lepidota* Burtt Davy = **R. ciliata**

cinerea R.Fern. & A.Fern. = **R. magalismontana** subsp. **magalismontana**

coddii R.Fern. & A.Fern. = **R. magalismontana** subsp. **coddii**

commiphoroides Engl. & Gilg = **R. tenuinervis** var. **tenuinervis**

concolor C.Presl = **Ozoroa concolor**

coriacea Engl. = **R. magalismontana** subsp. **magalismontana**

crenata Thunb.
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 5–460 m. KZN, WC, EC

crispa (Harv. ex Engl.) Schönland = **R. gueinzii**

culminum R.Fern. & A.Fern. = **R. tumulicola** var. **tumulicola**

cuneifolia L.f.
Perennial. Dwarf shrub. Ht 0.2–0.68 m. Alt 155–1200 m. NC, WC

dentata Thunb.
R. dentata Thunb. var. *dentata* forma *sparsepilosa* R.Fern. (2)
R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland (2)
R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *parvifolia* (2)
R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *villosissima* R.Fern. (2)
R. dentata Thunb. var. *puberula* Sond. forma *glabra* (Schönland) R.Fern. (2)
R. dentata Thunb. var. *puberula* Sond. forma *pilosissima* (Engl.) R.Fern. (2)
R. dentata Thunb. var. *puberula* Sond. forma *puberula* (2)
R. sonderi Engl. var. *glaberrima* Engl. (2)
R. sonderi Engl. var. *pilosissima* Engl. (2)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 15–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

dentata Thunb. var. *dentata* forma *sparsepilosa* R.Fern. = **R. dentata**

dentata Thunb. var. *fulvescens* (Engl.) Burtt Davy = **R. divaricata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland = **R. dentata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *parvifolia* = **R. dentata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *villosissima* R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *glabra* (Schönland) R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *pilosissima* (Engl.) R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *puberula* = **R. dentata**

dentata Thunb. var. *truncata* Burtt Davy = **R. rogersii**

dinteri Engl. = **R. pyroides** var. **dinteri**

discolor E.Mey. ex Sond.
R. discolor E.Mey. ex Sond. forma *grandifolia* (Engl.) Schönland (2)
R. discolor E.Mey. ex Sond. forma *latifolia* Schönland (2)
R. discolor E.Mey. ex Sond. forma *villosissima* (Engl.) Schönland (2)
R. discolor E.Mey. ex Sond. var. *villosissima* (Engl.) Burtt Davy forma *intermedia* Burtt Davy (2)
R. grandifolia Engl. (2)
R. villosissima Engl. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 100–2250 m. LIM, NW, G, M, S, FS, KZN, L, EC

discolor E.Mey. ex Sond. forma *grandifolia* (Engl.) Schönland = **R. discolor**

discolor E.Mey. ex Sond. forma *latifolia* Schönland = **R. discolor**

discolor E.Mey. ex Sond. forma *villosissima* (Engl.) Schönland = **R. discolor**

discolor E.Mey. ex Sond. var. *villosissima* (Engl.) Burtt Davy forma *intermedia* Burtt Davy = **R. discolor**

dispar C.Presl = **Ozoroa dispar**

dissecta Thunb.
R. dissecta Thunb. var. *obovata* Schönland (2)
R. dissecta Thunb. var. *pinnatifida* Schönland (2)
Perennial. Dwarf shrub, shrub. Ht 0.4–1.5 m. Alt 30–1065 m. NC, WC

dissecta Thunb. var. *obovata* Schönland = **R. dissecta**

dissecta Thunb. var. *pinnatifida* Schönland = **R. dissecta**

divaricata Eckl. & Zeyh.
R. dentata Thunb. var. *fulvescens* (Engl.) Burtt Davy (2)
Perennial. Tree, shrub. Ht 1–3 m. Alt 1000–2500 m. G, FS, KZN, L, EC

dracomontana Moffett
Perennial. Dwarf shrub or shrub. Ht 0.2–0.8(–1.5) m. Alt 1700–2100 m. M, FS, KZN

dregeana Sond.
Perennial. Shrub. Ht 0.6–2 m. Alt 550–2175 m. FS, L, EC

dura Schönland = **R. tumulicola** var. **tumulicola**

dyeri R.Fern. & A.Fern. = **R. rigida** var. **dentata**

eburnea Schönland = **R. transvaalensis**

eckloniana Sond. = **R. rigida** var. **rigida**

engleri Britten
Perennial. Tree, shrub. Ht 0.8–2.5 m. Alt 915–1370 m. LIM, M

ernestii Schönland = **R. tumulicola** var. **meeuseana** forma **meeuseana**

erosa Thunb.
Perennial. Shrub. Ht 1–3 m. Alt 90–2000 m. FS, L, NC

erosus Radlk., illegitimate name = **Allophylus natalensis**

fastigata Eckl. & Zeyh.
Perennial. Shrub. Ht 0.5–2 m. Alt 300–1525 m. KZN, WC, EC

flexuosa Diels = **R. pyroides** var. **gracilis**

fraseri Schönland = **R. pyroides** Burch. var. **integrifolia**

galpinii Schinz = **R. grandidens**

gerrardii (Harv. ex Engl.) Diels
R. gerrardii (Harv. ex Engl.) Diels var. *basutorum* Schönland (2)
R. gerrardii (Harv. ex Engl.) Diels var. *latifolia* Schönland (2)
R. montana Diels var. *basutorum* (Schönland) R.Fern. (2)
R. montana Diels var. *gerrardii* (Harv. ex Engl.) R.Fern. (2)
R. montana Diels var. *latifolia* (Schönland) R.Fern. (2)
Perennial. Shrub. Ht 2–2.5 m. Alt 450–1460 m. M, S, FS, KZN, L, EC

gerrardii (Harv. ex Engl.) Diels var. *basutorum* Schönland = **R. gerrardii**

gerrardii (Harv. ex Engl.) Diels var. *latifolia* Schönland = **R. gerrardii**

gerrardii (Harv. ex Engl.) Diels var. *montana* (Diels) Schönland = **R. montana**

glauca Thunb.
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 5–1828 m. WC, EC

glaucovirens Engl. = **R. zeyheri**

gracillima Engl. var. **glaberrima** Schönland
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1600–1920 m. LIM, G, M

gracillima Engl. var. **gracillima**
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1550–1650 m. G

grandidens Harv. ex Engl.
R. galpinii Schinz (2)
Perennial. Shrub. Ht 1.5–2 m. Alt 457–1219 m. LIM, M, S, KZN, EC

grandifolia Engl. = **R. discolor**

gueinzii in sense of Schönland, not of Sond., misapplied name = **R. leptodictya**

gueinzii Sond.
R. crispa (Harv. ex Engl.) Schönland (2)
R. simii Schönland (2)
R. simii Schönland var. *lydenburgensis* Schönland (2)
R. spinescens Diels (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 12–1280 m. LIM, M, S, KZN, EC

harveyi Moffett
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 1500–1650 m. S, KZN

horrida Eckl. & Zeyh.
Perennial. Shrub. Ht 1–1.7 m. Alt 610–1370 m. NC

incana Mill. = **R. laevigata** var. **villosa**

incisa L.f. var. **effusa** (C.Presl) R.Fern.
R. incisa L.f. var. *obovata* (Sond.) Schönland (2)
R. sinuata Eckl. & Zeyh. var. *effusa* C.Presl (2)
Perennial. Shrub. Ht 0.5–1.5(–3.5) m. Alt? NC, WC, EC

incisa L.f. var. **incisa**
Perennial. Tree, shrub. Ht 1–5 m. Alt 15–1200 m. NC, WC

incisa L.f. var. *obovata* (Sond.) Schönland = **R. incisa** var. **effusa**

intermedia Schönland = **R. pyroides** var. **integrifolia**

keetii Schönland
Perennial. Shrub. Ht 0.5–1.7 m. Alt 800–1936 m. LIM, NW, M

kirkii Oliv.
R. kirkii Oliv. var. *polyneura* (Engl. & Gilg) R.Fern. & A.Fern. (2)
R. polyneura Engl. & Gilg var. *hylophila* Engl. & Gilg (2)
R. polyneura Engl. & Gilg var. *polyneura* (2)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 700–750 m. N

kirkii Oliv. var. *polyneura* (Engl. & Gilg) R.Fern. & A.Fern. = **R. kirkii**

krebsiana C.Presl ex Engl.
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 400–1829 m. KZN, L, EC

kwazuluana Moffett
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 10–150 m. KZN

laevigata L. var. *atomaria* (Jacq.) R.Fern. = **R. laevigata** var. **laevigata** forma **laevigata**

laevigata L. var. **laevigata** forma **cangoana** Moffett
Perennial. Shrub. Ht 0.2–1 m. Alt 18–670 m. WC

laevigata L. var. **laevigata** forma **laevigata**
R. laevigata L. var. *atomaria* (Jacq.) R.Fern. (2)
R. mucronata Thunb. (2)
R. mucronata Thunb. var. *atomaria* (Jacq.) Schönland (2)
R. mucronata Thunb. var. *laevigata* (L.) Schönland (2)
R. viminalis Vahl, not of Aiton (2)
Perennial. Shrub. Ht 1–2.5 m. Alt 5–1675 m. NC, WC, EC

laevigata L. var. *latifolia* (Schönland) R.Fern. = **R. laevigata** var. **villosa**

laevigata L. var. **villosa** (L.f.) R.Fern.
R. incana Mill. (2)
R. laevigata L. var. *latifolia* (Schönland) R.Fern. (2)
R. mucronata Thunb. var. *latifolia* Schönland (2)
R. mucronata Thunb. var. *villosa* (L.f.) Schönland (2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–460 m. WC, EC

lancea L.f.
R. viminalis Aiton (2)
Perennial. Tree, shrub. Ht 1–12 m. Alt 100–2300 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

legatii Schönland = **R. chirindensis**

leptodictya Diels
R. amerina Meikle (2)
R. gueinzii in sense of Schönland, not of Sond., misapplied name (2)
R. rhombocarpa R.Fern. & A.Fern. (2)
Perennial. Tree, shrub. Ht 1–9 m. Alt 50–2000 m. N, B, LIM, NW, G, M, S, FS

longifolia (Bernh.) Sond. = **Protorhus longifolia**

longispina Eckl. & Zeyh.
Perennial. Tree, shrub. Ht 1–4 m. Alt 15–1372 m. KZN, NC, WC, EC

longispina in part, in sense of most authors, not of Eckl. & Zeyh., misapplied name = **R. pterota**

lucens Hutch.
Perennial. Tree, shrub. Ht 1–4.5 m. Alt ± 710 m. B

lucida L. forma **elliptica** (Sond.) Moffett
Perennial. Shrub. Ht 0.5–1 m. Alt 5–125 m. WC

lucida L. forma **lucida**
R. africana Mill. (2)
R. lucida L. var. *outeniquensis* (Szyszyl.) Schönland (2)
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 5–2135 m. LIM, M, KZN, L, WC, EC

lucida L. forma **scoparia** (Eckl. & Zeyh.) Moffett
R. schlechteri Diels (2)
Perennial. Shrub. Ht 0.7–1.4 m. Alt 15–250 m. WC, EC

lucida L. var. *outeniquensis* (Szyszyl.) Schönland = **R. lucida** forma **lucida**

macowanii Schönland = **R. rehmanniana** var. **glabrata**

macowanii Schönland forma *rehmanniana* (Engl.) Schönland = **R. rehmanniana** var. **rehmanniana**

magalismontana Sond. subsp. **coddii** (R.Fern. & A.Fern.) Moffett
R. coddii R.Fern. & A.Fern. (2)
R. schliebenii R.Fern. & A.Fern. (2)
Perennial. Dwarf shrub, shrub. Ht 0.9–2.1 m. Alt 448–1670 m. LIM

magalismontana Sond. subsp. **magalismontana**
R. burkeana Sond. (2)
R. cinerea R.Fern. & A.Fern. (2)
R. coriacea Engl. (2)
R. oblanceolata Schinz (2)
Perennial. Dwarf shrub. Ht 0.15–0.6(–1.5) m. Alt 1000–2055 m. B, LIM, NW, G, M, NC

magalismontana Sond. subsp. **trifoliolata** (Baker f.) Moffett
R. rhodesiensis R.Fern. & A.Fern. forma *glabra* R.Fern. & A.Fern. (2)
R. rhodesiensis R.Fern. & A.Fern. forma *rhodesiensis* (2)
R. trifoliolata Baker f. (2)
Perennial. Shrub, dwarf shrub. Ht? Alt? LIM

magalismontana Sond. subsp. **magalismontana** × **R. pyroides** Burch. var. **pyroides** (known only from type)
R. milleri R.Fern. & A.Fern. (2)
Perennial. Shrub. Ht 1–1.2 m. Alt ± 1200 m. B

maricoana Moffett
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ± 1500 m. NW

marlothii Engl.
Perennial. Shrub. Ht 1–2.2 m. Alt 300–1700 m. N

microcarpa Schönland = **R. pyroides** var. **integrifolia**

milleri R.Fern. & A.Fern. = **R. magalismontana** subsp. **magalismontana** × **R. pyroides** var. **pyroides**

montana Diels
R. gerrardii (Harv. ex Engl.) Diels var. *montana* (Diels) Schönland (2)
Perennial. Tree, shrub. Ht 1–2.25 m. Alt 90–2500 m. M, KZN, L, EC

montana Diels var. *basutorum* (Schönland) R.Fern. = **R. gerrardii**

montana Diels var. *gerrardii* (Harv. ex Engl.) R.Fern. = **R. gerrardii**

montana Diels var. *latifolia* (Schönland) R.Fern. = **R. gerrardii**

mucronata Thunb. = **R. laevigata** var. **laevigata** forma **laevigata**

mucronata Thunb. var. *atomaria* (Jacq.) Schönland = **R. laevigata** var. **laevigata** forma **laevigata**

mucronata Thunb. var. *laevigata* (L.) Schönland = **R. laevigata** var. **laevigata** forma **laevigata**

mucronata Thunb. var. *latifolia* Schönland = **R. laevigata** var. **villosa**

mucronata Thunb. var. *villosa* (L.f.) Schönland = **R. laevigata** var. **villosa**

natalensis Bernh.
Perennial. Tree, shrub. Ht 1–5 m. Alt 5–450 m. KZN, EC

nebulosa Schönland forma **nebulosa**
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 1–480 m. KZN, EC

nebulosa Schönland forma **pubescens** Moffett
Perennial. Shrub. Ht 0.5–2 m. Alt 1–200 m. EC

oblanceolata Schinz = **R. magalismontana** subsp. **magalismontana**

pallens Eckl. & Zeyh.
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 10–2600 m. B, NW, G, FS, KZN, L, WC, EC

paniculosa Sond. = **Ozoroa paniculosa** var. **paniculosa**

pendulina Jacq.
R. viminalis of many authors, not of Aiton or Vahl, misapplied name (2)
Perennial. Tree, shrub. Ht 4–10 m. Alt 360–915 m. N, FS, NC

pentheri Zahlbr.
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 91–2045 m. LIM, M, S, KZN, EC

polyneura Engl. & Gilg var. *hylophila* Engl. & Gilg = **R. kirkii**

polyneura Engl. & Gilg var. *polyneura* = **R. kirkii**

pondoensis Schönland
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 20–1300 m. LIM, M, KZN

populifolia E.Mey. ex Sond.
R. steingroeveri Engl. (2)
Perennial. Tree, shrub. Ht 0.2–2.5 m. Alt 166–1500 m. N, NC

problematodes Merxm. & Roessler
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ± 1000 m. N

pterota C.Presl
R. longispina in part, in sense of most authors, not of Eckl. & Zeyh., misapplied name (2)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 10–250 m. WC, EC

puberula Eckl. & Zeyh. = **R. pyroides** var. **pyroides**

pygmaea Moffett
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1950 m. M

pyroides Burch. var. **dinteri** (Engl.) Moffett
R. dinteri Engl. (2)
Perennial. Shrub. Ht 1.5–3 m. Alt 1400–1700 m. N

pyroides Burch. var. **gracilis** (Engl.) Burtt Davy
R. flexuosa Dicls (2)
R. pyroides Burch. var. *transvaalensis* Schönland (2)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 425–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

pyroides Burch. var. **integrifolia** (Engl.) Moffett
R. fraseri Schönland (2)
R. intermedia Schönland (2)
R. microcarpa Schönland (2)
Perennial. Tree, shrub. Ht 0.6–7 m. Alt 50–2200 m. LIM, G, M, S, KZN, EC

pyroides Burch. var. *puberula* (Eckl. & Zeyh.) Schönland = **R. pyroides** var. **pyroides**

pyroides Burch. var. **pyroides**
R. baurii Schönland (2)
R. puberula Eckl. & Zeyh. (2)
R. pyroides Burch. var. *puberula* (Eckl. & Zeyh.) Schönland (2)
R. vulgaris Meikle (2)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 6–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

pyroides Burch. var. *transvaalensis* Schönland = **R. pyroides** var. **gracilis**

quartiniana A.Rich.
R. quartiniana A.Rich. var. *acutifoliolata* (Engl.) Meikle (2)
R. quartiniana A.Rich. var. *zambesiensis* R.Fern. & A.Fern. (2)
Perennial. Tree, shrub. Ht 1.2–7 m. Alt 250–1035 m. N, B

quartiniana A.Rich. var. *acutifoliolata* (Engl.) Meikle = **R. quartiniana**

quartiniana A.Rich. var. *zambesiensis* R.Fern. & A.Fern. = **R. quartiniana**

refracta Eckl. & Zeyh.
Perennial. Tree, shrub. Ht 0.76–8 m. Alt 40–1973 m. WC, EC

rehmanniana Engl. var. **glabrata** (Sond.) Moffett
R. macowanii Schönland (2)
Perennial. Shrub. Ht 1–2 m. Alt 30–1800 m. LIM, M, S, KZN, WC, EC

rehmanniana Engl. var. **rehmanniana**
R. macowanii Schönland forma *rehmanniana* (Engl.) Schönland (2)
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 30–2100 m. LIM, M, S, KZN, EC

rhodesiensis R.Fern. & A.Fern. forma *glabra* R.Fern. & A.Fern. = **R. magalismontana** subsp. **trifoliolata**

rhodesiensis R.Fern. & A.Fern. forma *rhodesiensis* = **R. magalismontana** subsp. **trifoliolata**

rhombocarpa R.Fern. & A.Fern. = **R. leptodictya**

rigida in sense of many authors, not of Mill., misapplied name = **R. rimosa**

rigida Mill. var. **dentata** (Engl.) Moffett
R. dyeri R.Fern. & A.Fern. (2)
R. rupicola J.M.Wood & M.S.Evans (2)
Perennial. Tree, shrub. Ht 0.5–2 m. Alt 151–2030 m. LIM, M, KZN, EC

rigida Mill. var. **margaretae** Burtt Davy ex Moffett
Perennial. Shrub. Ht 0.2–1.8 m. Alt 1000–1830 m. LIM, NW, G, M, FS, KZN, EC

rigida Mill. var. **rigida**
R. eckloniana Sond. (2)
Perennial. Shrub. Ht 0.2–2 m. Alt 120–1830 m. NW, G, M, FS, EC

rimosa Eckl. & Zeyh.
R. rigida in sense of many authors, not of Mill., misapplied name (2)
Perennial. Shrub. Ht 1–3 m. Alt 750–850 m. NC, WC

rogersii Schönland
R. dentata Thunb. var. *truncata* Burtt Davy (2)
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 550–1675 m. M

rosmarinifolia Vahl
R. rosmarinifolia Vahl var. *brevifolia* Schönland (2)
R. rosmarinifolia Vahl var. *swellendamensis* Eckl. & Zeyh. (2)
R. rosmarinifolia Vahl var. *typica* Schönland (2)
Perennial. Shrub. Ht 0.2–1 m. Alt 15–1465 m. WC, EC

rosmarinifolia Vahl var. *brevifolia* Schönland = **R. rosmarinifolia**

rosmarinifolia Vahl var. *stenophylla* (Eckl. & Zeyh.) Schönland = **R. stenophylla**

rosmarinifolia Vahl var. *swellendamensis* Eckl. & Zeyh. = **R. rosmarinifolia**

rosmarinifolia Vahl var. *typica* Schönland = **R. rosmarinifolia**

rudatisii Engl.
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 450–650 m. KZN

rupicola J.M.Wood & M.S.Evans = **R. rigida** var. **dentata**

schlechteri Diels = **R. lucida** forma **scoparia**

schliebenii R.Fern. & A.Fern. = **R. magalismontana** subsp. **coddii**

scytophylla Eckl. & Zeyh. var. **dentata** Moffett
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 800–1250 m. WC

scytophylla Eckl. & Zeyh. var. **scytophylla**
R. africana in sense of many authors, not of Mill., misapplied name (2)
R. africana Mill. var. *macrophylla* Sond. (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 50–800 m. NC, WC

sekhukhuniensis Moffett
Perennial. Shrub. Ht 1–3 m. Alt 700–800 m. M

simii Schönland = **R. gueinzii**

simii Schönland var. *lydenburgensis* Schönland = **R. gueinzii**

sinuata Eckl. & Zeyh. var. *effusa* C.Presl = **R. incisa** var. **effusa**

sonderi Engl. var. *glaberrima* Engl. = **R. dentata**

sonderi Engl. var. *pilosissima* Engl. = **R. dentata**

spinescens Diels = **R. gueinzii**

steingroeveri Engl. = **R. populifolia**

stenophylla Eckl. & Zeyh.
R. rosmarinifolia Vahl var. *stenophylla* (Eckl. & Zeyh.) Schönland (2)
Perennial. Dwarf shrub, shrub. Ht 0.2–1.2 m. Alt 20–125 m. WC

synstylica R.Fern. & A.Fern. var. *meeuseana* R.Fern. & A.Fern. = **R. tumulicola** var. **meeuseana** forma **meeuseana**

synstylica R.Fern. & A.Fern. var. *synstylica* = **R. tumulicola** var. **tumulicola**

tenuinervis Engl.
R. commiphoroides Engl. & Gilg (2)
Perennial. Tree, shrub. Ht 0.2–3 m. Alt 305–1600 m. N, B, LIM, NW, NC

thunbergii (Thunb.) Hook. = **Heeria argentea**

tomentosa L.
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 20–2135 m. LIM, M, KZN, L, WC, EC

transvaalensis Engl.
R. eburnea Schönland (2)
Perennial. Tree, shrub. Ht 1–2(–4) m. Alt 290–1760 m. LIM, M, S, KZN

tridactyla Burch.
R. ciliata in sense of Schönland in part, not of Licht. ex Schult., misapplied name (2)
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 1225–1380 m. NC

trifoliolata Baker f. = **R. magalismontana** subsp. **trifoliolata**

tumulicola S.Moore var. **meeuseana** (R.Fern. & A.Fern.) Moffett forma **meeuseana**
R. ernestii Schönland (2)
R. synstylica R.Fern. & A.Fern. var. *meeuseana* R.Fern. & A.Fern. (2)
Perennial. Tree, shrub. Ht 0.3–2.5 m. Alt 379–2120 m. LIM, M, S

tumulicola S.Moore var. **meeuseana** (R.Fern. & A.Fern.) Moffett forma **pumila** Moffett
Perennial. Tree, shrub. Ht 0.3–0.7 m. Alt 1000–2100 m. LIM, M

tumulicola S.Moore var. **tumulicola**
R. culminum R.Fern. & A.Fern. (2)
R. dura Schönland (2)
R. synstylica R.Fern. & A.Fern. var. *synstylica* (2)
Perennial. Tree, shrub. Ht 0.5–3.5 m. Alt 914–2164 m. LIM, M, S, KZN

undulata Jacq.
R. undulata Jacq. var. *celastroides* (Sond.) Schönland in part (2)
R. undulata Jacq. var. *genuina* Schönland forma *contracta* Schönland (2)
R. undulata Jacq. var. *genuina* Schönland forma *excisa* (Thunb.) Schönland (2)
R. undulata Jacq. var. *genuina* Schönland forma *undulata* Schönland (2)
R. undulata Jacq. var. *undulata* Schönland forma *contracta* (Schönland) R.Fern. (2)
R. undulata Jacq. var. *undulata* Schönland forma *excisa* (Thunb.) R.Fern. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 20–1250 m. N, NC, WC

undulata Jacq. var. *burchellii* (Sond.) Schönland = **R. burchellii**

undulata Jacq. var. *celastroides* (Sond.) Schönland in part = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *contracta* Schönland = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *excisa* (Thunb.) Schönland = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *undulata* Schönland = **R. undulata**

undulata Jacq. var. *tricrenata* (Engl.) R.Fern. = **R. burchellii**

undulata Jacq. var. *undulata* Schönland forma *contracta* (Schönland) R.Fern. = **R. undulata**

undulata Jacq. var. *undulata* Schönland forma *excisa* (Thunb.) R.Fern. = **R. undulata**

villosissima Engl. = **R. discolor**

viminalis Aiton = **R. lancea**

viminalis of many authors, not of Aiton or Vahl, misapplied name = **R. pendulina**

viminalis Vahl, not of Aiton = **R. laevigata** var. **laevigata** forma **laevigata**

volkii Suess.
Perennial. Shrub. Ht 1–1.5 m. Alt ± 1600 m. N

vulgaris Meikle = **R. pyroides** var. **pyroides**

wilmsii Diels
Perennial. Shrub. Ht 0.15–0.5 m. Alt 1500–1770 m. M

zeyheri Sond.
R. glaucovirens Engl. (2)
R. zeyheri Sond. var. *parvifolia* Burtt Davy (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 850–1650 m. LIM, NW, G, M

zeyheri Sond. var. *parvifolia* Burtt Davy = **R. zeyheri**

*SCHINUS L. 4582000

(1) Barkley. 1944. *Brittonia* 5: 160–198.

molle L.
Perennial. Tree. Ht 4–10.66 m. Alt 185–1300 m. B, LIM, G, NC, WC, EC

terebinthifolius Raddi
Perennial. Tree, shrub. Ht 2.5–4 m. Alt 2–550 m. B, LIM, M, KZN, WC

SCLEROCARYA Hochst. 4558000

(1) Fernandes & Fernandes. 1966. *FZ* 2: 552–555.
(2) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 756–758
(3) Kokwaro. 1986. *FTEA* Anacardiaceae: 42–45.

birrea (A.Rich.) Hochst. subsp. **caffra** (Sond.) Kokwaro
Commiphora subglauca Engl. (2)
S. caffra Sond. (2)
S. schweinfurthiana Schinz (2)
Perennial. Tree. Ht 3–18 m. Alt 5–1700 m. N, B, LIM, M, S, KZN

caffra Sond. = **S. birrea** subsp. **caffra**

schweinfurthiana Schinz = **S. birrea** subsp. **caffra**

SMODINGIUM E.Mey. ex Sond. 4588000

(1) Wells. 1988. *The Flowering Plants of Africa* 50: t. 1968.

argutum E.Mey. ex Sond.
Perennial. Tree, scrambler. Ht 1.5–7.5 m. Alt 365–1830 m. KZN, EC

ANNONACEAE

Compiled by M. Jordaan

ANNONA L. 2729000

(1) Robson. 1960. *FZ* 1: 141–145.
(2) Le Thomas. 1969. *Adansonia* sér. 2, 9: 95–103.
(3) Verdcourt. 1971. *FTEA* Annonaceae: 112–116.

arenaria Thonn. ex Schumach. = **A. senegalensis** subsp. **senegalensis**

chrysophylla Bojer = **A. senegalensis** subsp. **senegalensis**

nana Exell = **A. stenophylla** subsp. **nana**

senegalensis Pers. subsp. **senegalensis**
A. arenaria Thonn. ex Schumach. (2)
A. chrysophylla Bojer (1)
Perennial. Shrub or tree. Ht 1.5–8 m. Alt 15–1538 m. B, LIM, M, S, KZN

stenophylla Engl. & Diels subsp. **nana** (Exell) N.Robson
A. nana Exell (1)
Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt? N, B

ARTABOTRYS R.Br. 2724000

(1) Robson. 1960. *FZ* 1: 129–133.
(2) Verdcourt. 1971. *FTEA* Annonaceae: 56–64.

brachypetalus Benth.
Perennial. Tree, shrub or climber. Ht 0.9–4 m. Alt 305–1400 m. B, LIM

monteiroae Oliv.
A. nitidus Engl. (1)
Perennial. Tree, shrub or climber. Ht 2.5–6 m. Alt 30–1035 m. LIM, S, KZN

nitidus Engl. = **A. monteiroae**

FRIESODIELSIA Steenis 2691010

(1) Verdcourt. 1971. *Kew Bulletin* 25: 18–20.
(2) Verdcourt. 1971. *FTEA* Annonaceae: 86–88.
(3) Van Wyk & Condy. 1994. *Flowering Plants of Africa* 53: t. 2089.

obovata (Benth.) Verdc.
Popowia obovata (Benth.) Engl. & Diels (1)
Unona obovata Benth. (1)
Perennial. Tree, shrub or climber. Ht 1.5–7 m. Alt 100–600 m. N, B

GUATTERIA Ruíz & Pav. 2679000

caffra Sond. = **Monanthotaxis caffra**

HEXALOBUS A.DC. 2716000

(1) Mccusc. 1955. *The Flowering Plants of Africa* 30: t. 1195.
(2) Robson. 1960. *FZ* 1: 116–119.
(3) Verdcourt. 1971. *FTEA* Annonaceae: 44–48.

glabrescens Hutch. & Dalziel ex Burtt Davy = **H. monopetalus** var. **monopetalus**

monopetalus (A.Rich.) Engl. & Diels var. **monopetalus**
H. glabrescens Hutch. & Dalziel ex Burtt Davy (2)
Perennial. Tree or shrub. Ht 2–7 m. Alt 300–1500 m. N, B, LIM, M

MONANTHOTAXIS Baill. 2696000

(1) Robson. 1960. *FZ* 1: 122–128.
(2) Verdcourt. 1971. *Kew Bulletin*. 25: 20–33.
(3) Verdcourt. 1971. *FTEA* Annonaceae: 88–107.

caffra (Sond.) Verdc.
Guatteria caffra Sond. (2)
Popowia caffra (Sond.) Benth. (2)
Perennial. Tree, shrub or climber. Ht 1–10 m. Alt 10–1190 m. M, S, KZN, EC

MONODORA Dunal 2733000

(1) Robson. 1960. *FZ* 1: 145–149.
(2) Paiva. 1970. *Boletim da Sociedade Broteriana*, sér. 2, 44: 371–373.
(3) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1870.

junodii Engl. & Diels var. **junodii**
Perennial. Tree or shrub. Ht 1.5–7 m. Alt 30–520 m. LIM, S, KZN

junodii Engl. & Diels var. **macrantha** J.Paiva
Perennial. Tree or shrub. Ht 2–7 m. Alt 20–300 m. LIM

POPOWIA Endl. 2691000

obovata (Benth.) Engl. & Diels = **Friesodielsia obovata**

caffra (Sond.) Benth. = **Monanthotaxis caffra**

UNONA L. 2689000

obovata Benth. = **Friesodielsia obovata**

UVARIA L. 2673000

(1) Robson. 1960. *FZ* 1: 106–112.
(2) Verdcourt. 1971. *Kew Bulletin* 25: 2–8.
(3) Balkwill & Nicholas. 1990. *Bothalia* 20: 207.

caffra E.Mey. ex Sond.
Perennial. Tree, shrub or climber. Ht 0.5–4 m. Alt 5–300 m. KZN, EC

gazensis Baker f. = **U. lucida** subsp. **virens**

gracilipes N.Robson
Perennial. Shrub or climber. Ht 0.6–2 m. Alt 0–320 m. LIM

lucida Benth. subsp. **virens** (N.E.Br.) Verdc.
U. gazensis Baker f. (2)
U. virens N.E.Br. (2)
Perennial. Shrub or climber. Ht 1.5–10 m. Alt 0–100 m. LIM, S, KZN

virens N.E.Br. = **U. lucida** subsp. **virens**

XYLOPIA L. 2717000

(1) Robson. 1960. *FZ* 1: 133–141.
(2) Verdcourt. 1971. *FTEA* Annonaceae: 72–83.

antunesii Engl. & Diels = **X. odoratissima**

odoratissima Welw. ex Oliv.
X. antunesii Engl. & Diels (1)
Perennial. Tree or shrub. Ht 2–9 m. Alt 100–600 m. N, B

parviflora (A.Rich.) Benth.
Perennial. Tree. Ht 3–30 m. Alt 100–914 m. LIM

tomentosa Exell
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt? N

APIACEAE

Compiled by B.-E. van Wyk & P.M. Tilney

AGROCHARIS Hochst. 5950010

(1) Cannon. 1978. *FZ* 4: 572–575.
(2) Jury. 1986. *Symbolae Botanicae Upsalienses* 26,2: 181–188.
(3) Townsend. 1989. *FTEA* Umbelliferae: 30–33.
(4) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 162.

melanantha Hochst.
Caucalis latifolia of author, not of L.; Jacot Guill. (4)
Caucalis melanantha (Hochst.) Hiern (1)
Perennial. Herb. Ht up to 0.85 m. Alt up to 2685 m. KZN, L, EC

ALEPIDEA F.Delaroche 5922000

(1) Wood & Evans. 1899. *Journal of Botany, London* 37: 255.
(2) Weimarck. 1949. *Botaniska Notiser* 4: 217–268.
(3) Compton. 1967. *Journal of South African Botany* 33: 297, 298.
(4) Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 293–297.
(5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 163–171.
(6) De Castro & Van Wyk. 1994. *South African Journal of Botany* 60,6: 345– 350.
(7) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 160, 161.

acutidens Weim. var. **acutidens**
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7 m. Alt 765–1830 m. KZN, EC

acutidens Weim. var. **dispar** Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7? m. Alt ± 1400 m. KZN

amatymbica Eckl. & Zeyh. var. **amatymbica**
Perennial. Herb. Ht ± 0.1 m, when in flower up to 2.1 m. Alt 243–2620 m. LIM, G, M, S, FS, KZN, L, EC

amatymbica Eckl. & Zeyh. var. **aquatica** (Kuntze) Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 2.1 m. Alt 795–1220 m. EC

amatymbica Eckl. & Zeyh. var. **microbracteata** Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 2.1 m. Alt ± 800 m. KZN

angustifolia Schltr. & H.Wolff
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7 m. Alt ± 1600 m. G, M, FS, KZN

attenuata Weim.
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt up to 2200 m. LIM, G, M, S

basinuda Pott var. **basinuda**
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.5 m. Alt up to 2100 m. LIM, G, M, KZN

basinuda Pott var. **subnuda** Weim.
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.5 m. Alt up to 2200 m. M

baurii Kuntze = **A. natalensis**

capensis (P.J.Bergius) R.A.Dyer var. **capensis**
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt 45–2286 m. WC, EC

capensis (P.J.Bergius) R.A.Dyer var. **tenella** (Schltr. & H.Wolff) Weim.
A. tenella Schltr. & H.Wolff (2)
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt 100–1650 m. EC

ciliaris F.Delaroche = **A. pilifera**

cirsiifolia Schltr. & H.Wolff
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt 915–1585 m. EC

comosa Dummer
A. longifolia E.Mey. subsp. *comosa* (Dummer) Weim. (5)
Perennial. Herb. Ht up to 0.1 m, when in flower up to 1 m. Alt 90–1525 m. G, M, S, KZN

delicatula Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.2 m. Alt ± 2000 m. WC

duplidens Weim.
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.4 m. Alt up to 1370 m. KZN, EC

galpinii Dummer
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.3 m. Alt up to 2990 m. KZN, L, EC

gracilis Dummer
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.7 m. Alt 592–1370 m. LIM, M, S, KZN, EC

gracilis Dummer var. *major* Weim. = **A. longifolia** var. **longifolia**

insculpta Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt up to 2545 m. KZN

jenkinsii Pott
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt ± 1600 m. M

longeciliata Schinz ex Dummer
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.5 m. Alt ± 1600 m. M

longifolia E.Mey. subsp. *angusta* (Dummer) Weim. = **A. longifolia** var. **angusta**

longifolia E.Mey. subsp. *comosa* (Dummer) Weim. = **A. comosa**

longifolia E.Mey. subsp. *lancifolia* Weim. = **A. longifolia** var. **longifolia**

longifolia E.Mey. var. **angusta** Dummer
A. longifolia E.Mey. subsp. *angusta* (Dummer) Weim. (5)
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.8 m. Alt up to 2800 m. G, M, S, FS, KZN

longifolia E.Mey. var. **longifolia**
A. gracilis Dummer var. *major* Weim. (5)
A. longifolia E.Mey. subsp. *lancifolia* Weim. (5)
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1.8 m. Alt up to 2010 m. G, M, S, FS, KZN

longifolia E.Mey. var. *wyliei* (Dummer) Weim. = **A. wyliei**

macowani Dummer
Perennial. Herb. Ht up to 0.5 m, when in flower up to 1 m. Alt up to 1770 m. EC

multisecta B.L.Burtt
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.6 m. Alt ± 2100 m. EC

natalensis J.M.Wood & M.S.Evans
A. baurii Kuntze (4)
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt up to 2650 m. FS, KZN, L, EC

pilifera Weim.
A. ciliaris F.Delaroche (4)
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.3 m. Alt up to 2745 m. KZN, L

pusilla Weim.
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.7 m. Alt up to 3355 m. KZN, L, EC

reticulata Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.4 m. Alt 1600–2300 m. LIM, M

serrata Eckl. & Zeyh. var. **cathcartensis** (Kuntze) Weim.
Perennial. Herb. Ht up to 0.2? m, when in flower up to 0.5? m. Alt 765–1830 m. EC

serrata Eckl. & Zeyh. var. **serrata**
Perennial. Herb. Ht up to 0.2? m, when in flower up to 0.5? m. Alt up to 3000 m. L, EC

setifera N.E.Br.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.4 m. Alt up to 2240 m. LIM, G, M, S, FS, KZN, L

stellata Weim.
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.5 m. Alt ± 800 m. KZN

tenella Schltr. & H.Wolff = **A. capensis** var. **tenella**

thodei Dummer
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1.5 m. Alt up to 3355 m. KZN, L, EC

tysonii Dummer = **A. woodii**

woodii Oliv.
A. tysonii Dummer (4)
Perennial. Herb. Ht up to 0.2 m, when in flower up to 1.2 m. Alt up to 2400 m. KZN, L

wyliei Dummer
A. longifolia E.Mey. var. *wyliei* (Dummer) Weim. (5)
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt up to 1700 m. KZN

*AMMI L. 6016000

(1) Wolff. 1927. *Pflanzenreich* 90: 119, 120.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 171.

majus L. var. **glaucifolium** (L.) Godr.
Annual. Herb. Ht 0.3–1.7 m. Alt 120–3050 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

ANGINON Raf. 5994010

(1) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 90, 91.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 172–177.
(3) Allison & Van Wyk. 1997. *Nordic Journal of Botany* 17: 561–577.

difforme (L.) B.L.Burtt
Bupleurum difforme L. (1)
Rhyticarpus difformis (L.) Briq. (1)
Perennial. Shrub. Ht 1–3 m. Alt 200–1500 m. NC, WC, EC

fruticosum I.Allison & B.-E.van Wyk
Perennial. Shrub. Ht 1–3 m. Alt 200–1000 m. NC, WC

intermedium I.Allison & B.-E.van Wyk
Perennial. Shrub. Ht 1–2.5 m. Alt 500–1500 m. NC

jaarsveldii B.L.Burtt
Perennial. Shrub. Ht 1–2 m. Alt ± 1200 m. NC

paniculatum (Thunb.) B.L.Burtt
Perennial. Shrub. Ht 2.5–4 m. Alt ± 300 m. NC, WC

pumilum I.Allison & B.-E.van Wyk
Perennial. Shrublet. Ht up to 0.7 m. Alt 20–300 m. WC

rugosum (Thunb.) Raf.
A. uitenhagense (Eckl. & Zeyh.) B.L.Burtt (3)
Rhyticarpus rugosus (Thunb.) Sond. (1)
Perennial. Shrub. Ht up to 1.5 m. Alt 200–600 m. EC

streyi (Merxm.) I.Allison & B.-E.van Wyk
Sonderina streyi Merxm. (3)
Perennial. Shrub. Ht up to 1.2 m. Alt ± 1250 m. N

swellendamense (Eckl. & Zeyh.) B.L.Burtt
Rhyticarpus ecklonis Sond. (1)
Rhyticarpus swellendamensis (Eckl. & Zeyh.) Briq. (1)
Perennial. Shrub. Ht 1–2 m. Alt 300–900 m. WC

tenuior I.Allison & B.-E.van Wyk
Perennial. Shrub. Ht up to 1.5 m. Alt ± 1200 m. WC

ternatum I.Allison & B.-E.van Wyk
Perennial. Shrub. Ht up to 4 m. Alt ± 300 m. WC

uitenhagense (Eckl. & Zeyh.) B.L.Burtt = **A. rugosum**

verticillatum (Sond.) B.L.Burtt
Polemannia verticillata Sond. (2)
Perennial. Shrub. Ht up to 2 m. Alt 500–1500 m. N, NC, WC

ANNESORHIZA Cham. & Schltdl. 6078000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 177–182.
(2) Tilney & Van Wyk. 2001. *Nordic Journal of Botany* 21: 615–649.

altiscapa Schltr.
Perennial. Herb. Ht up to 0.4 m, when in flower up to 1.5 m. Alt 120–915 m. NC, WC

burttii B.-E.van Wyk
Perennial. Herb. Ht up to 0.3 m, when in flower up to 1.3 m. Alt up to 1600 m. WC

capensis Cham. & Schltdl. = **A. nuda**

elata Eckl. & Zeyh. = **A. grandiflora**

fibrosa B.-E.van Wyk
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7 m. Alt ± 800 m. WC

filicaulis Eckl. & Zeyh.
Perennial. Herb. Ht ± 0.1 m, when in flower up to 1 m. Alt ± 700 m. WC

flagellifolia Burtt Davy
Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7 m. Alt 625–2100 m. M, KZN

grandiflora (Thunb.) M.Hiroe
A. elata Eckl. & Zeyh. (2)
A. hirsuta Eckl. & Zeyh. (2)
A. villosa (Thunb.) Sond. (2)
Perennial. Herb. Ht ± 0.3 m, when in flower up to 2 m. Alt 200–1500 m. NC, WC

gummifera (L.) Jacks. = **Glia prolifera**

hirsuta Eckl. & Zeyh. = **A. grandiflora**

inebrians (Thunb.) Wijnands = **Glia prolifera**

lateriflora (Eckl. & Zeyh.) B.-E.van Wyk
A. marlothii H.Wolff (2)
Athamanta lateriflora Eckl. & Zeyh. (2)
Peucedanum lateriflorum (Eckl. & Zeyh.) Sond. (2)
Perennial. Herb. Ht ± 0.1 m, when in flower up to 0.8 m. Alt 500–1800 m. NC, WC

latifolia Adamson
Perennial. Herb. Ht ± 0.3 m, when in flower up to 1.6 m. Alt 800–1500 m. NC

macrocarpa Eckl. & Zeyh.
Perennial. Herb. Ht ± 0.1–1.8 m. Alt 15–300 m. WC, EC

marlothii H.Wolff = **A. lateriflora**

marlothii (H.Wolff) M.Hiroe, illegitimate name = **Polemanniopsis marlothii**

montana Eckl. & Zeyh. = **A. nuda**

nuda (Aiton) B.L.Burtt
A. capensis Cham. & Schltdl. (1)
A. montana Eckl. & Zeyh. (1)
Perennial. Herb. Ht ± 0.2 m, when in flower up to 1 m. Alt 200–1000 m. WC

schlechteri H.Wolff
Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7 m. Alt 1500–1800 m. EC

thunbergii B.L.Burtt
Perennial. Herb. Ht ± 0.2 m, when in flower ± 0.6 m. Alt ± 500 m. EC

villosa (Thunb.) Sond. = **A. grandiflora**

wilmsii H.Wolff
Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7 m. Alt up to 1700 m. LIM, M, S

*ANTHRISCUS Pers. 5938000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 182.
(2) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 236.

sylvestris (L.) Hoffm. var. **sylvestris**
Perennial. Herb. Ht 0.6–1.8 m. Alt 915–2438 m. L, EC

APIUM L. 6004000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 264, 265.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 182–184.

***graveolens** L.
Biennial or perennial. Herb. Ht up to 1 m. Alt 2–2160 m. N, B, LIM, NW, G, FS, KZN, L, NC, WC, EC

leptophyllum (Pers.) F.Muell. ex Benth. = **Ciclospermum leptophyllum**

inundatum (L.) Rchb.f.
Perennial. Herb, hydrophyte. Ht up to 0.75 m. Alt? WC

prostratum Vent.
Perennial. Herb. Ht up to 0.3 m. Alt 5–914 m. N, NC, WC, EC

ARCTOPUS L. 5926000

(1) Sonder. 1862. *FC* 2: 564, 565.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 184, 185.

dregei Sond.
Perennial. Herb. Ht up to 0.1 m. Alt ± 300 m. WC

echinatus L.
Perennial. Herb. Ht up to 0.1 m. Alt 50–1700 m. WC, EC

monacanthus Carmich. ex Sond.
Perennial. Herb. Ht up to 0.1 m. Alt 50–1700 m. WC

ATHAMANTA L. 6052000

lateriflora Eckl. & Zeyh. = **Annesorhiza lateriflora**

BERULA W.D.J.Koch 6038010

(1) Cannon. 1978. *FZ* 4: 600.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 185, 186.
(3) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 237.

erecta (Huds.) Coville subsp. **erecta**
Annual. Herb. Ht up to 1 m. Alt? EC

erecta (Huds.) Coville subsp. **thunbergii** (DC.) B.L.Burtt
B. thunbergii (DC.) H.Wolff (2)
Sium thunbergii DC. (2)
Perennial. Herb, hydrophyte. Ht 0.2–1.8 m. Alt 1–2105 m. WC, EC

thunbergii (DC.) H.Wolff = **B. erecta** subsp. **thunbergii**

BUBON L. 6042010

galbanum L. = **Peucedanum galbanum**

hypoleucum Meisn. = **Peucedanum tenuifolium**

montanum Sond. = **Peucedanum tenuifolium**

BUPLEURUM L. 5994000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 236.
(2) Sonder. 1862. *FC* 2: 541.
(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 187, 188.

arborescens Thunb., not of Jacq., illegitimate name = **Heteromorpha arborescens** var. **arborescens**

collinum (Eckl. & Zeyh.) D.Dietr. = **Heteromorpha arborescens** var. **collina**

difforme L. = **Anginon difforme**

mundii Cham. & Schltdl.
Perennial. Herb. Ht 0.3–1 m. Alt 15–3475 m. LIM, G, M, S, FS, KZN, L, NC, WC, EC

***rotundifolium** L.
Annual. Herb. Ht up to 0.6 m. Alt? LIM

trifoliatum H.L.Wendl. = **Heteromorpha arborescens** var. **abyssinica**

CAPNOPHYLLUM Gaertn. 6103000

(1) Sonder. 1862. *FC* 2: 562.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 188, 189.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 275.

africanum (L.) W.D.J.Koch
Annual. Herb. Ht 0.1–0.2 m. Alt 6–915 m. WC

africanum (L.) W.D.J.Koch var. *leiocarpon* Sond. = **C. leiocarpon**

leiocarpon (Sond.) Manning & Goldblatt
C. africanum (L.) W.D.J.Koch var. *leiocarpon* Sond. (3)
Annual. Herb. Ht 0.1–0.2 m. Alt? NC, WC

CARUM Sond. 6020010

capensis Sond. = **Chamarea capensis**

*CAUCALIS L. 5950000

(1) Heywood. 1968. *Flora europaea* 2: 372.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 190.

daucoides L. = **C. platycarpos**

latifolia of author, not of L.; Jacot Guill. = **Agrocharis melanantha**

melanantha (Hochst.) Hiern = **Agrocharis melanantha**

platycarpos L.
C. daucoides L. (1)
Annual. Herb. Ht 0.3–0.6 m. Alt 200–500? m. EC

CENTELLA L. 5894000

(1) Adamson. 1951. *Journal of South African Botany* 17,1: 1–48.
(2) Cannon. 1978. *FZ* 4: 561–565.
(3) Eichler. 1987. *Feddes Repertorium* 98: 11–23.
(4) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 197, 198.
(5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 190–200.
(6) Schubert & Van Wyk. 1995. *Nordic Journal of Botany* 15: 167–171.
(7) Schubert & Van Wyk. 1995. *Nordic Journal of Botany* 15: 263–268.
(8) Schubert & Van Wyk. 1996. *Bothalia* 26: 50, 51.
(9) Schubert & Van Wyk. 1997. *Nordic Journal of Botany* 17: 301–314.
(10) Schubert & Van Wyk. 1998. *Nordic Journal of Botany* 18: 461–470.
(11) Schubert & Van Wyk. 1999. *Nordic Journal of Botany* 19: 427–434.

affinis (Eckl. & Zeyh.) Adamson var. **affinis**
Hydrocotyle affinis Eckl. & Zeyh. (1)
Perennial. Herb. Ht ± 0.1 m. Alt 20–1000 m. WC

affinis (Eckl. & Zeyh.) Adamson var. **oblonga** Adamson
Perennial. Herb. Ht ± 0.1 m. Alt up to 1400 m. WC

annua M.T.R.Schubert & B.-E.van Wyk
Annual, short-lived perennial. Ht up to 0.1 m. Alt 200–1200 m. WC

asiatica (L.) Urb.
Perennial. Herb, climber. Ht up to 0.2 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

brachycarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.5 m. Alt 20–300 m. WC

caespitosa Adamson
Perennial. Herb. Ht ± 0.1 m. Alt up to 1220 m. WC

calcaria M.T.R.Schubert & B.-E.van Wyk
Annual, short-lived perennial. Ht up to 0.1 m. Alt 20–100 m. WC

calliodus (Cham. & Schltdl.) Drude
Hydrocotyle calliodus Cham. & Schltdl. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 35–1530 m. WC

capensis (L.) Domin
Hydrocotyle solandra L.f. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–900 m. WC

cochlearia (Domin) Adamson
C. glabrata L. var. *cochlearia* Domin (1)
Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. WC

comptonii Adamson
Perennial. Herb. Ht ± 0.1 m. Alt 50–200 m. WC

coriacea Nannf.
Perennial. Herb. Ht up to 0.2 m. Alt 5–2000 m. KZN, EC

cryptocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.2 m. Alt ± 1400 m. WC

debilis (Eckl. & Zeyh.) Drude
Hydrocotyle debilis Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 10–900 m. WC, EC

dentata Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 200–1000 m. WC

didymocarpa Adamson
Perennial. Herb. Ht up to 0.4 m. Alt up to 1600 m. WC, EC

difformis (Eckl. & Zeyh.) Adamson
Hydrocotyle difformis Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–1000 m. WC

dolichocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.3 m. Alt ± 1200 m. WC

dregeana (Sond.) Domin = **C. tridentata** var. **dregeana**

eriantha (Rich.) Drude var. **eriantha**
Hydrocotyle eriantha Rich. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC, EC

eriantha (Rich.) Drude var. **orientalis** Adamson
Perennial. Herb, climber. Ht up to 0.2 m. Alt 30–300 m. EC

eriantha (Rich.) Drude var. **rotundifolia** Adamson
Perennial. Herb. Ht up to 0.2 m. Alt 100–1000 m. WC

flexuosa (Eckl. & Zeyh.) Drude
Hydrocotyle flexuosa Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.2 m. Alt 120–1600 m. WC

fourcadei Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 20–1000 m. WC

fusca (Eckl. & Zeyh.) Adamson
Hydrocotyle fusca Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. WC

glabrata L. var. **bracteata** Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 300–600 m. WC

glabrata L. var. *cochlearia* Domin = **C. cochlearia**

glabrata L. var. **glabrata**
Hydrocotyle glabrata L.f. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–2000 m. WC, EC

glabrata L. var. **natalensis** Adamson
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. M, S, KZN, L, EC

glauca M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 1 m. Alt 400–1500 m. WC

graminifolia Adamson
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. M, S, KZN, L, EC

gymnocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.1 m. Alt 100–400 m. WC

hederifolia (Burch.) Drude = **C. macrodus**

hermanniifolia (Eckl. & Zeyh.) Domin var. *hermanniifolia* = **C. tridentata** var. **hermanniifolia**

hermanniifolia (Eckl. & Zeyh.) Domin var. *littoralis* (Eckl. & Zeyh.) Domin = **C. tridentata** var. **litoralis**

laevis Adamson
Hydrocotyle eriantha Rich. var. *glabrata* Sond. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC

lanata Compton
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC, EC

lasiophylla Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC

linifolia (L.f.) Drude var. **depressa** Adamson
Hydrocotyle linifolia L.f. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1200 m. WC

linifolia (L.f.) Drude var. **linifolia**
Perennial. Shrub. Ht up to 1 m. Alt 300–1200 m. WC

longifolia (Adamson) M.T.R.Schubert & B.-E.van Wyk
C. montana (Cham. & Schltdl.) Domin var. *longifolia* Adamson (11)
Perennial. Herb. Ht up to 0.2 m. Alt 200–1200 m. WC

macrocarpa (Rich.) Adamson var. **macrocarpa**
Hydrocotyle macrocarpa Rich. (1)
Perennial. Herb. Ht 0.1–1 m. Alt 10–1700 m. WC

macrocarpa (Rich.) Adamson var. **saxatilis** Adamson
Perennial. Herb. Ht up to 1.5 m. Alt 10–1700 m. WC

macrodus (Spreng.) B.L.Burtt
C. hederifolia (Burch.) Drude (4)
Hydrocotyle hederifolia Burch. (4)
Perennial. Herb. Ht up to 0.2 m. Alt 1000–1400 m. WC

montana (Cham. & Schltdl.) Domin
Hydrocotyle montana Cham. & Schltdl. (1)
Perennial. Herb. Ht up to 0.2 m. Alt 300–1200 m. WC, EC

montana (Cham. & Schltdl.) Domin var. *longifolia* Adamson
= **C. longifolia**

pilosa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.2 m. Alt ± 300 m. WC

pottebergensis Adamson
Perennial. Herb. Ht up to 0.5 m. Alt up to 400 m. WC

recticarpa Adamson
Perennial. Herb. Ht up to 1 m. Alt 400–1500 m. WC

restioides Adamson
Perennial. Herb. Ht up to 1 m. Alt 900–1500 m. WC

rupestris (Eckl. & Zeyh.) Adamson
Hydrocotyle rupestris Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.5 m. Alt 500–700 m. WC

scabra Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC

sessilis Adamson
Perennial. Herb. Ht up to 0.4 m. Alt 300–1700 m. WC, EC

stenophylla Adamson
Perennial. Herb. Ht up to 0.6 m. Alt 300–2000 m. WC, EC

stipitata Adamson
Perennial. Herb. Ht up to 0.5 m. Alt up to 1200 m. WC

ternata M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.2 m. Alt ± 1600 m. WC

thesioides M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 1 m. Alt 500–1200 m. WC

tridentata (L.f.) Drude ex Domin var. **dregeana** (Sond.) M.T.R.Schubert & B.-E.van Wyk
C. dregeana (Sond.) Domin (9)
Hydrocotyle dregeana Sond. (1)
Perennial. Herb. Ht up to 0.1 m. Alt ± 1000 m. NC

tridentata (L.f.) Drude ex Domin var. **hermanniifolia** (Eckl. & Zeyh.) M.T.R.Schubert & B.-E.van Wyk
C. hermanniifolia (Eckl. & Zeyh.) Domin var. *hermanniifolia* (9)
Hydrocotyle hermanniifolia Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.1 m. Alt 20–200 m. EC

tridentata (L.f.) Drude ex Domin var. **litoralis** (Eckl. & Zeyh.) M.T.R.Schubert & B.-E.van Wyk
C. hermanniifolia (Eckl. & Zeyh.) Domin var. *littoralis* (Eckl. & Zeyh.) Domin (9)
Hydrocotyle hermanniifolia Eckl. & Zeyh. var. *littoralis* Sond. (1)
Perennial. Herb. Ht up to 0.1 m. Alt 10–100 m. WC

tridentata (L.f.) Drude ex Domin var. **tridentata**
Hydrocotyle tridentata L.f. (1)
Perennial. Herb. Ht up to 0.1 m. Alt 10–200 m. WC

triloba (Thunb.) Drude
Hydrocotyle triloba Thunb. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 20–700 m. WC

umbellata M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.2 m. Alt ± 1600 m. WC

villosa L. var. **latifolia** (Eckl. & Zeyh.) Adamson
Perennial. Herb. Ht up to 0.2 m. Alt 700–1200 m. WC

villosa L. var. **villosa**
Hydrocotyle villosa L.f. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC

virgata (L.f.) Drude var. **congesta** Adamson
Perennial. Herb, suffrutex. Ht up to 1.5 m. Alt up to 1700 m. WC, EC

virgata (L.f.) Drude var. **gracilescens** Domin
Perennial. Herb. Ht up to 0.3 m. Alt up to 1000 m. WC, EC

virgata (L.f.) Drude var. **virgata**
Hydrocotyle virgata L.f. (1)
Perennial. Herb, suffrutex. Ht up to 1.5 m. Alt 10–1700 m. WC, EC

CHAMAREA Eckl. & Zeyh. 6020000

(1) Wolff. 1927. *Das Pflanzenreich* 90: 173.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 200, 201.

capensis (Thunb.) Eckl. & Zeyh.
Carum capensis Sond. (1)
Perennial. Herb. Ht up to 0.6 m. Alt 10–1900 m. WC

esterhuyseniae B.L.Burtt
Perennial. Herb. Ht up to 0.5? m. Alt ± 1800 m. WC

gracillima (H.Wolff) B.L.Burtt
Perennial. Herb. Ht up to 0.6 m. Alt 10–1800 m. WC, EC

longipedicellata B.L.Burtt
Perennial. Herb. Ht up to 0.4 m. Alt 10–2000 m. FS, L, NC, WC, EC

snijmaniae B.L.Burtt
Perennial. Herb. Ht up to 0.3 m. Alt ± 800 m. NC

CHORITAENIA Benth. 6129000

(1) Burtt Davy. 1912. *Annals of the Transvaal Museum* 3: 121.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 201, 202.

capensis Benth.
Annual. Herb. Ht 0.3–0.6 m. Alt 900–1500 m. LIM, NW, FS, NC

*CICLOSPERMUM Lag. 6004010

(1) Sprague. 1923. *Journal of Botany, London* 61: 129.
(2) Constance. 1990. *Brittonia* 42: 276–278.
(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 202.

leptophyllum (Pers.) Sprague
Apium leptophyllum (Pers.) F.Muell. ex Benth. (2)
Annual. Herb. Ht 0.2–1.2 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

CNIDIUM Cusson 6069010

suffruticosum Cham. & Schltdl. = **Dasispermum suffruticosum**

CONIUM L. 5970000

(1) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extratropicae*: 355.
(2) Hilliard & Burtt. 1985. *South African Journal of Botany* 51,6: 465–474.
(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 202, 203.

chaerophylloides (Thunb.) Sond.
Biennial. Herb. Ht up to 2 m. Alt 15–3200 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

fontanum Hilliard & B.L.Burtt var. **alticola** Hilliard & B.L.Burtt
Biennial. Herb. Ht 0.3–1 m. Alt 2745–3500 m. KZN, L, EC

fontanum Hilliard & B.L.Burtt var. **fontanum**
Biennial. Herb. Ht up to 1 m. Alt 1000–2400 m. M, KZN, L, EC

fontanum Hilliard & B.L.Burtt var. **silvaticum** Hilliard & B.L.Burtt
Biennial. Herb. Ht up to 3 m. Alt 900–1525 m. KZN

***maculatum** L.
Biennial. Herb. Ht up to 2 m. Alt ± 1000 m. WC

sphaerocarpum Hilliard & B.L.Burtt
Biennial. Herb. Ht up to 2 m. Alt 100–1400 m. NC, WC

*CORIANDRUM L. 5953000

(1) Cannon. 1978. *FZ* 4: 575, 576.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 203.

sativum L.
Annual. Herb. Ht up to 1 m. Alt 900–1400 m. G, FS, KZN, EC

DASISPERMUM Raf. 6069020

(1) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 92, 93.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 204, 205.
(3) Tilney & Van Wyk. 1995. *South African Journal of Botany* 61,5: 245–248.

suffruticosum (P.J.Bergius) B.L.Burtt
Cnidium suffruticosum Cham. & Schltdl. (1)
Heteroptilis suffruticosa (P.J.Bergius) Leute (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 0–100 m. KZN, WC, EC

*DAUCUS L. 6142000

(1) Sonder. 1862. *FC* 2: 563.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 205.

carota L.
Biennial. Herb. Ht 0.3–1.8 m. Alt 150–800 m. NW, G, WC, EC

DEVERRA DC. 6013000

(1) Schreiber. 1967. *FSWA* 103: 4, 5.
(2) Pfisterer & Podlech. 1986. *Mitteilungen der Botanischen Staatssammlung München* 22: 571.
(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 205, 206.

aphylla (Cham. & Schltdl.) DC. = **D. denudata** subsp. **aphylla**

burchellii (DC.) Eckl. & Zeyh.
Pituranthos burchellii (DC.) Benth. & Hook.f. ex Schinz (1)
Perennial. Shrub. Ht 0.3–1.4 m. Alt 300–1800 m. N, B, LIM, NW, FS, NC, EC

denudata (Viv.) Pfisterer & Podlech subsp. **aphylla** (Cham. & Schltdl.) Pfisterer & Podlech
D. aphylla (Cham. & Schltdl.) DC. (2)
Pituranthos aphyllus (Cham. & Schltdl.) Benth. & Hook.f. ex Schinz (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 60–2000 m. N, NW, FS, NC, WC, EC

DIPLOLOPHIUM Turcz. 6054000

(1) Schreiber. 1967. *FSWA* 103: 1–9.
(2) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 259.

swynnertonii (Baker f.) C.Norman
Perennial. Herb. Ht 1–2 m. Alt ± 1220 m. LIM

DRACOSCIADIUM Hilliard & B.L.Burtt 6016010

(1) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 220–225.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 206, 207.

italae Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.6 m. Alt ± 1300 m. KZN

saniculifolium Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.5 m. Alt 2300–3100 m. KZN

EZOSCIADIUM B.L.Burtt 6020030

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 207.

capense (Eckl. & Zeyh.) B.L.Burtt
Trachysciadium capense Eckl. & Zeyh. (1)
Annual. Herb. Ht up to 0.3 m. Alt ± 150 m. EC

*FOENICULUM Mill. 6062000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 207, 208.

officinale All. = **F. vulgare** var. **vulgare**

vulgare Mill. var. **vulgare**
F. officinale All. (1)
Perennial. Herb. Ht 1–3 m. Alt 50–2000 m. NW, G, M, KZN, WC, EC

GLIA Sond. 6078010

(1) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 200.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 208–211.

capensis (Houtt.) B.L.Burtt = **G. prolifera**

gummifera (L.) Sond. = **Peucedanum gummiferum**

prolifera (Burm.f.) B.L.Burtt
Annesorhiza gummifera (L.) Jacks. (2)
Annesorhiza inebrians (Thunb.) Wijnands (2)
G. capensis (Houtt.) B.L.Burtt (2)
Peucedanum abbreviatum E.Mey. ex Meisn. (2)
Perennial. Herb. Ht 0.3–1.6 m. Alt 200–1300 m. WC

HERMAS L. 5917000

(1) Linnaeus. 1771. *Mantissa plantarum* 2: 299.
(2) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extratropicae*: 355.
(3) Sonder. 1862. *FC* 2: 565–567.
(4) Norman. 1928. *Journal of Botany, London* 66: 195.
(5) Norman. 1933. *Journal of Botany, London* 69: 125.
(6) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 211–213.

capitata L.f.
H. capitata L.f. var. *minima* (Eckl. & Zeyh.) Sond. (6)
H. minima Eckl. & Zeyh. (6)
Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.3 m. Alt 300–1800 m. WC, EC

capitata L.f. var. *minima* (Eckl. & Zeyh.) Sond. = **H. capitata**

ciliata L.f.
Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.9 m. Alt 300–1500 m. WC, EC

depauperata L. = **H. villosa**

gigantea L.f.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 800–1800 m. WC

intermedia C.Norman
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1500–1800 m. WC

minima Eckl. & Zeyh. = **H. capitata**

pillansii C.Norman
Perennial. Dwarf shrub. Ht up to 1 m. Alt 900–1800 m. WC

quercifolia Eckl. & Zeyh. = **H. quinquedentata**

quinquedentata L.f.
H. quercifolia Eckl. & Zeyh. (6)
Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.7 m. Alt 1500–2000 m. WC

villosa (L.) Thunb.
H. depauperata L. (6)
Perennial. Dwarf shrub. Ht up to 1 m. Alt 200–1600 m. WC

HETEROMORPHA Cham. & Schltdl. 5992000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 213–215.
(2) Winter & Van Wyk. 1996. *Kew Bulletin* 51: 225–265.

abyssinica Hochst. ex A.Rich. var. *abyssinica* = **H. arborescens** var. **abyssinica**

abyssinica Hochst. ex A.Rich. var. *simplicifolia* A.Rich. = **H. arborescens** var. **abyssinica**

arborescens (Spreng.) Cham. & Schltdl. var. **abyssinica** (A.Rich.) H.Wolff
Bupleurum trifoliatum H.L.Wendl. (2)
H. abyssinica Hochst. ex A.Rich. var. *abyssinica* (2)
H. abyssinica Hochst. ex A.Rich. var. *simplicifolia* A.Rich. (2)
H. arborescens (Spreng.) Cham. & Schltdl. var. *trifoliata* (H.L.Wendl.) Sond. (2)
H. trifoliata (H.L.Wendl.) Eckl. & Zeyh. (2)
Perennial. Tree, shrub. Ht up to 15 m. Alt up to 2800 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

arborescens (Thunb.) Cham. & Schltdl. var. **arborescens**
Bupleurum arborescens Thunb., not of Jacq., illegitimate name (1)
H. arborescens (Spreng.) Cham. & Schltdl. var. *integrifolia* Sond., illegitimate name (2)
H. arborescens (Spreng.) Cham. & Schltdl. var. *platyphyllum* in sense of H.Wolff (2)
Perennial. Tree, shrub. Ht 2–8 m. Alt 10–1800 m. FS, KZN, L, NC, WC, EC

arborescens (Spreng.) Cham. & Schltdl. var. **collina** (Eckl. & Zeyh.) Sond.
Bupleurum collinum (Eckl. & Zeyh.) D.Dietr. (2)
H. arborescens (Spreng.) Cham. & Schltdl. var. *collina* (Eckl. & Zeyh.) Sond. forma *anomala* H.Wolff (2)
H. arborescens (Spreng.) Cham. & Schltdl. var. *collina* (Eckl. & Zeyh.) Sond. forma *normalis* H.Wolff (2)
H. collina Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.4–3 m. Alt 300–1500 m. KZN, EC

arborescens (Spreng.) Cham. & Schltdl. var. *collina* (Eckl. & Zeyh.) Sond. forma *anomala* H.Wolff = **H. arborescens** var. **collina**

arborescens (Spreng.) Cham. & Schltdl. var. *collina* (Eckl. & Zeyh.) Sond. forma *normalis* H.Wolff = **H. arborescens** var. **collina**

arborescens (Spreng.) Cham. & Schltdl. var. **frutescens** P.Winter
Perennial. Shrub. Ht up to 2 m. Alt up to 1500 m. LIM, M, S, KZN

arborescens (Spreng.) Cham. & Schltdl. var. *integrifolia* Sond., illegitimate name = **H. arborescens** var. **arborescens**

arborescens (Spreng.) Cham. & Schltdl. var. *platyphyllum* in sense of H.Wolff = **H. arborescens** var. **arborescens**

arborescens (Spreng.) Cham. & Schltdl. var. *trifoliata* (H.L.Wendl.) Sond. = **H. arborescens** var. **abyssinica**

collina Eckl. & Zeyh. = **H. arborescens** var. **collina**

involucrata Conrath
H. kassneri H.Wolff (2)
H. stolzii H.Wolff (2)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 500–2600 m. M, S, KZN

kassneri H.Wolff = **H. involucrata**

papillosa C.C.Towns.
Perennial. Shrub. Ht up to 1.8 m. Alt ± 1800 m. N

pubescens Burtt Davy
Perennial. Shrub. Ht 0.6–1.5 m. Alt 700–1500 m. LIM, M

stenophylla Welw. ex Schinz var. **stenophylla**
Perennial. Suffrutex. Ht 0.5–1.8 m. Alt 1300–1800 m. N

stenophylla Welw. ex Schinz var. **transvaalensis** (Schltr. & H.Wolff) P.Winter
H. transvaalensis Schltr. & H.Wolff (2)
Perennial. Suffrutex. Ht 0.5–1.8 m. Alt 350–1600 m. LIM, M, KZN

stolzii H.Wolff = **H. involucrata**

transvaalensis Schltr. & H.Wolff = **H. stenophylla** var. **transvaalensis**

trifoliata (H.L.Wendl.) Eckl. & Zeyh. = **H. arborescens** var. **abyssinica**

HETEROPTILIS E.Mey. ex Meisn. 6069000

suffruticosa (P.J.Bergius) Leute = **Dasispermum suffruticosum**

HYDROCOTYLE L. 5893000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 234.
(2) Linnaeus. 1781. *Supplementum plantarum systematis vegetabilium*: 177.
(3) Cannon. 1978. *FZ* 4: 557–561.
(4) Eichler. 1987. *Feddes Repertorium* 98: 1–51; 145–196, 273–351.
(5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 215–220.

affinis Eckl. & Zeyh. = **Centella affinis** var. **affinis**

***americana** L.
Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 100–2600 m. LIM, G, M, S, KZN, L

bonariensis Lam.
Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 0–50 m. KZN, EC

calliodus Cham. & Schltdl. = **Centella calliodus**

debilis Eckl. & Zeyh. = **Centella debilis**

difformis Eckl. & Zeyh. = **Centella difformis**

dregeana Sond. = **Centella tridentata** var. **dregeana**

eriantha Rich. = **Centella eriantha** var. **eriantha**

eriantha Rich. var. *glabrata* Sond. = **Centella laevis**

flexuosa Eckl. & Zeyh. = **Centella flexuosa**

fusca Eckl. & Zeyh. = **Centella fusca**

glabrata L.f. = **Centella glabrata** var. **glabrata**

hederifolia Burch. = **Centella macrodus**

hermanniifolia Eckl. & Zeyh. = **Centella tridentata** var. **hermanniifolia**

hermanniifolia Eckl. & Zeyh. var. *littoralis* Sond. = **Centella tridentata** var. **littoralis**

linifolia L.f. = **Centella linifolia** var. **depressa**

macrocarpa Rich. = **Centella macrocarpa** var. **macrocarpa**

montana Cham. & Schltdl. = **Centella montana**

***ranunculoides** L.f.
Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt? B

rupestris Eckl. & Zeyh. = **Centella rupestris**

schlechteri H.Wolff
Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt? LIM, G, M

solandra L.f. = **Centella capensis**

tridentata L.f. = **Centella tridentata**

triloba Thunb. = **Centella triloba**

verticillata Thunb.
Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 0–1500 m. B, LIM, NW, G, M, KZN, NC, WC

villosa L.f. = **Centella villosa** var. **villosa**

virgata L.f. = **Centella virgata** var. **virgata**

ITASINA Raf. 6046020

(1) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 93, 94.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 220, 221.

filifolia (Thunb.) Raf.
Thunbergiella filiformis (Koso-Pol.) H.Wolff (1)
Perennial. Herb. Ht up to 0.5 m. Alt 20–1400 m. WC

LEFEBVREA A.Rich. 6116020

upingtoniae Schinz = **Peucedanum upingtoniae**

LICHTENSTEINIA Cham. & Schltdl. 5990000

(1) Sonder. 1862. *FC* 2: 542–544.
(2) Bolus. 1907. *Transactions of the South African Philosophical Society* 16: 136, 137.
(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 221–225.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 277, 278.

beiliana Eckl. & Zeyh. var. *beiliana* = **L. obscura**

beiliana Eckl. & Zeyh. var. *simplicior* Sond. = **L. obscura**

crassijuga E.Mey. ex Sond. = **L. trifida** var. **trifida**

interrupta (Thunb.) Sond.
L. kolbeana Bolus (4)
L. pyrethrifolia Cham. & Schltdl. (1)
Perennial. Herb. Ht 0.5–1.2 m. Alt 500–1700 m. KZN, WC, EC

kolbeana Bolus = **L. interrupta**

lacera Cham. & Schltdl.
L. lacera Cham. & Schltdl. var. *pinnatifida* Sond. (3)
Perennial. Herb. Ht 0.5–1.4 m. Alt 20–300 m. WC

lacera Cham. & Schltdl. var. *pinnatifida* Sond. = **L. lacera**

latifolia Eckl. & Zeyh.
Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC, EC

obscura (Spreng.) Koso-Pol.
L. beiliana Eckl. & Zeyh. var. *beiliana* (3)
L. beiliana Eckl. & Zeyh. var. *simplicior* Sond. (3)
Perennial. Herb. Ht up to 1.2 m. Alt 20–1200 m. WC

pyrethrifolia Cham. & Schltdl. = **L. interrupta**

trifida Cham. & Schltdl. var. **palmata** (DC.) Sond.
Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

trifida Cham. & Schltdl. var. **pinnatifida** Sond.
Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

trifida Cham. & Schltdl. var. **trifida**
L. crassijuga E.Mey. ex Sond. (4)
Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

MARLOTHIELLA H.Wolff 5996010

(1) Schreiber. 1967. *FSWA* 103: 7.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 225.

gummifera H.Wolff
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 0–100 m. N

OENANTHE L. 6046000

ferulacea Thunb. = **Peucedanum ferulaceum** var. **ferulaceum**

*PASTINACA L. 6120000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 262.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 226.

capensis Sond. = **P. sativa**

sativa L.
P. capensis Sond. (2)
Biennial. Herb. Ht 0.6–1 m. Alt 520–2200 m. NW, G, M, FS, KZN, WC, EC

*PETROSELINUM Hill 6006000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 227.

crispum (Mill.) A.W.Hill
P. hortense Hoffm. (1)
Biennial. Herb. Ht ± 0.2 m, when in flower up to 0.8 m. Alt? WC

hortense Hoffm. = **P. crispum**

PEUCEDANUM L. 6116000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 245, 246.
(2) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extratropicae*: 859–931.
(3) Sonder. 1862. *FC* 2: 553–559.
(4) Bentham & Hooker. 1867. *Genera plantarum* 1: 918, 919.
(5) Engler & Prantl. 1898. *Die natürlichen Pflanzenfamilien* 3,8: 237.
(6) Wolff. 1912. *Botanische Jahrbücher* 48: 278–283.
(7) Phillips. 1917. *Annals of the South African Museum* 16: 108.
(8) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 793, 823.
(9) Wolff. 1921. *Botanische Jahrbücher* 57: 231–233.
(10) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 2: 520, 521.
(11) Adamson. 1938. *Journal of Botany, London* 76: 345.
(12) Cannon. 1970. *Conspectus florae angolensis* 4: 354–357.
(13) Arnold. 1978. *Bothalia* 12: 441–443.
(14) Wijnands. 1983. *Botany of the Commelins*: 199, 200.
(15) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 94.
(16) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 200.
(17) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 227–240.
(18) Goldblatt & Manning. 2000. *Strelitzia* 9: 278, 279.

abbreviatum E.Mey. ex Meisn. = **Glia prolifera**

abbreviatum E.Mey. ex Sond., illegitimate name = **P. camdebooense**

caffrum (Meisn.) E.Phillips
P. connatum E.Mey. (17)
Seseli caffrum Meisn. (7)
Perennial. Herb. Ht 0.5–2 m. Alt 10–2400 m. LIM, M, FS, KZN, L, EC

camdebooense B.L.Burtt
P. abbreviatum E.Mey. ex Sond., illegitimate name (17)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

capense (Thunb.) Sond. var. **capense**
Perennial. Shrub. Ht 0.5–2.5 m. Alt 45–1830 m. M, S, KZN, L, NC, WC, EC

capense (Thunb.) Sond. var. **lanceolatum** Sond.
P. laevigatum (Aiton) H.Wolff (17)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 30–1980 m. FS, L, NC, WC, EC

capillaceum Thunb. var. **capillaceum**
Perennial. Herb. Ht ± 0.6 m. Alt 300–1200 m. WC, EC

capillaceum Thunb. var. **rigidum** Sond.
Perennial. Herb. Ht ± 0.6 m. Alt 300–1200 m. WC, EC

connatum E.Mey. = **P. caffrum**

cynorhiza Sond. = **P. typicum**

dregeanum D.Dietr.
P. ecklonianum Sond. (17)
Perennial. Herb. Ht up to 0.5 m. Alt up to 765 m. EC

ecklonianum Sond. = **P. dregeanum**

ferulaceum (Thunb.) Eckl. & Zeyh. var. **ferulaceum**
Oenanthe ferulacea Thunb. (2)

Perennial. Herb. Ht up to 1.2 m. Alt 10–1615 m. NC, WC

ferulaceum (Thunb.) Eckl. & Zeyh. var. **stadense** (Eckl. & Zeyh.) Sond.
Perennial. Herb. Ht up to 1.2 m. Alt 300–600 m. EC

galbaniopse H.Wolff
Perennial. Shrub. Ht up to 1.2 m. Alt up to 610 m. WC

galbanum (L.) Drude
Bubon galbanum L. (4)
Perennial. Shrub. Ht up to 3 m. Alt ± 100 m. WC

hypoleucum (Meisn.) Drude = **P. tenuifolium**

gummiferum (L.) Wijnands
Glia gummifera (L.) Sond. (17)
Perennial. Herb. Ht up to 0.7 m. Alt 350–1220 m. WC

hypoleucum (Meisn.) Drude = **P. tenuifolium**

khamiesbergense B.L.Burtt
Perennial. Shrub. Ht up to 1 m. Alt ± 1800 m. NC

laevigatum (Aiton) H.Wolff = **P. capense** var. **lanceolatum**

lateriflorum (Eckl. & Zeyh.) Sond. = **Annesorhiza lateriflora**

magalismontanum Sond.
P. schlechterianum H.Wolff (17)
Perennial. Herb. Ht up to 1 m. Alt 800–2000 m. G, M, S, FS, KZN

millefolium Sond.
Perennial. Herb. Ht up to 0.6 m. Alt up to 100 m. WC

montanum (Sond.) Drude = **P. tenuifolium**

multiradiatum Drude
Perennial. Herb. Ht up to 0.5 m. Alt 365–1130 m. WC

natalense (Sond.) Engl.
Seseli natalense Sond. (8)
Perennial. Herb. Ht 0.4–1 m. Alt 80–670 m. KZN

olifantianum (Koso-Pol.) M.Hiroe = **P. typicum**

pearsonii Adamson
Perennial. Herb. Ht 0.4–0.7 m. Alt ± 1700 m. NC, WC

platycarpum E.Mey. ex Sond.
Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. KZN, EC

pungens E.Mey. ex Sond.
Perennial. Shrub. Ht up to 2 m. Alt ± 200 m. WC

schlechterianum H.Wolff = **P. magalismontanum**

sieberianum Sond. = **P. strictum**

sonderi (M.Hiroe) B.L.Burtt = **P. tenuifolium**

striatum (Thunb.) Sond.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 400 m. WC

strictum (Spreng.) B.L.Burtt
P. sieberianum Sond. (17)
Perennial. Herb. Ht up to 0.6 m. Alt 160–1220 m. WC

sulcatum Sond.
Perennial. Herb. Ht 1.5–1.8 m. Alt 10–900 m. NC, WC

tenuifolium Thunb.
Bubon hypoleucum Meisn. (4)
Bubon montanum Sond. (16)
P. hypoleucum (Meisn.) Drude (18)
P. montanum (Sond.) Drude (16)
P. sonderi (M.Hiroe) B.L.Burtt (18)
Perennial. Herb. Ht up to 2 m. Alt 600–1400 m. WC, EC

thodei Arnold
Perennial. Herb. Ht up to 2 m. Alt 1700–2600 m. M, KZN, L, NC, EC

triternatum Eckl. & Zeyh.
Perennial. Herb. Ht up to 1 m. Alt ± 1000 m. WC

typicum (Eckl. & Zeyh.) B.L.Burtt
P. cynorhiza Sond. (17)
P. olifantianum (Koso-Pol.) M.Hiroe (18)
Perennial. Herb. Ht 1.5–1.8 m. Alt 0–100 m. EC

upingtoniae (Schinz) Drude
Lefebvrea upingtoniae Schinz (5)
P. venosum Burtt Davy (17)
Perennial. Herb. Ht up to 2 m. Alt 925–1220 m. LIM, M, S, KZN, EC

venosum Burtt Davy = **P. upingtoniae**

wilmsianum H.Wolff
Perennial. Herb. Ht up to 1.5 m. Alt 400–1100 m. KZN, EC

zeyheri Sond. = **P. olifantianum**

PHLYCTIDOCARPA Cannon & W.L.Theob. 5970010

(1) Schreiber. 1967. *FSWA* 103: 7, 8.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 240.

flava Cannon & W.L.Theob.
Annual. Herb. Ht up to 0.6 m. Alt ± 1500 m. N

PIMPINELLA L. 6033000

(1) Wolff. 1927. *Das Pflanzenreich* 90: 219–315.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 240–242.

caffra (Eckl. & Zeyh.) D.Dietr.
Perennial. Herb. Ht 0.3–0.8 m. Alt 10–3275 m. S, KZN, L, EC

hydrophila H.Wolff
Perennial. Herb, hydrophyte. Ht ± 0.3 m. Alt ± 1200 m. M

krookii H.Wolff
Perennial. Herb. Ht ± 0.4 m. Alt 1000–1600 m. KZN

reenensis Rech.f. = **P. stadensis**

schlechteri H.Wolff
Perennial. Herb. Ht up to 0.6 m. Alt 300–2000 m. EC

stadensis (Eckl. & Zeyh.) D.Dietr.
P. reenensis Rech.f. (2)
Perennial. Herb. Ht up to 0.6 m. Alt 300–2800 m. KZN, EC

transvaalensis H.Wolff
Perennial. Herb. Ht up to 0.7 m. Alt 975–2200 m. LIM, G, M, S, FS, KZN

PITURANTHOS Viv. 6013010

aphyllus (Cham. & Schltdl.) Benth. & Hook.f. ex Schinz = **Deverra denudata** subsp. **aphylla**

burchellii (DC.) Benth. & Hook.f. ex Schinz = **Deverra burchellii**

POLEMANNIA Eckl. & Zeyh. 6045000

(1) Sonder. 1862. *FC* 2: 550, 551.
(2) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 791, 816.
(3) Wolff. 1922. *Botanische Jahrbücher* 57: 228–230.
(4) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 225–228.
(5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 242, 243.

grossulariifolia Eckl. & Zeyh.
Perennial. Shrub. Ht up to 3 m. Alt up to 2010 m. EC

marlothii H.Wolff ex Engl. = **Polemanniopsis marlothii**

montana Schltr. & H.Wolff
Perennial. Tree, shrub. Ht up to 4 m. Alt up to 2715 m. FS, KZN, L, EC

simplicior Hilliard & B.L.Burtt
Perennial. Shrub. Ht up to 3 m. Alt up to 2900 m. FS, KZN, L, EC

verticillata Sond. = **Anginon verticillatum**

POLEMANNIOPSIS B.L.Burtt 6045010

(1) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 493–501.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 243, 244.

marlothii (H.Wolff) B.L.Burtt
Annesorhiza marlothii (H.Wolff) M.Hiroe, illegitimate name (2)
Polemannia marlothii H.Wolff ex Engl. (1)
Perennial. Shrub. Ht 1–4 m. Alt 140–1450 m. NC, WC

RHYTICARPUS Sond. 5996000

difformis (L.) Briq. = **Anginon difforme**

ecklonis Sond. = **Anginon swellendamensis**

rugosus (Thunb.) Sond. = **Anginon rugosum**

swellendamensis (Eckl. & Zeyh.) Briq. = **Anginon swellendamensis**

SANICULA L. 5918000

(1) Cannon. 1978. *FZ* 4: 565, 566.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 245, 246.

elata Buch.-Ham. ex D.Don
S. europaea in sense of Sond., misapplied name (1)
Perennial. Herb. Ht up to 0.8 m. Alt 67–1950 m. LIM, M, S, FS, KZN, L, WC, EC

europaea in sense of Sond., misapplied name = **S. elata**

SESELI L. 6042000

caffrum Meisn. = **Peucedanum caffrum**

natalense Sond. = **Peucedanum natalense**

SIUM L. 6038000

(1) Cannon. 1978. *FZ* 4: 597, 598.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 247, 248.

repandum Welw. ex Hiern
Perennial. Herb, hydrophyte. Ht up to 1.5 m. Alt 550–2150 m. LIM, NW, G, M, S, FS, KZN, L, EC

thunbergii DC. = **Berula erecta** subsp. **thunbergii**

SONDERINA H.Wolff 6017010

(1) Wolff. 1927. *Das Pflanzenreich* 90: 93, 94.
(2) Adamson. 1939. *Journal of South African Botany* 5: 55.
(3) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 19.
(4) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 248, 249.

caruifolia (Sond.) H.Wolff
Annual. Herb. Ht up to 0.5 m. Alt 20–800 m. WC

didyma (Sond.) Adamson = **Stoibrax capense**

hispida (Thunb.) H.Wolff
Annual. Herb. Ht 0.2–0.5 m. Alt 5–700 m. WC, EC

humilis (Meisn.) H.Wolff
Annual. Herb. Ht up to 0.3 m. Alt 50–300 m. KZN, EC

streyi Merxm. = **Anginon streyi**

tenuis (Sond.) H.Wolff
Annual. Herb. Ht up to 0.2 m. Alt 20–500 m. WC

STEGANOTAENIA Hochst. 6116010

(1) Cannon. 1978. *FZ* 4: 616–619.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 249, 250.
(3) Glen & Onderstall. 1991. *The Flowering Plants of Africa* 51: t. 2031.

araliacea Hochst. var. **araliacea**
Perennial. Tree. Ht up to 10 m. Alt 200–1200 m. N, B, LIM, M

STENOSEMIS E.Mey. ex Sond. 6078020

(1) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 324, 325.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 250.

angustifolia E.Mey. ex Sond.
Perennial. Herb. Ht up to 0.5 m. Alt 100–1900 m. KZN, EC

caffra (Eckl. & Zeyh.) Sond.
Perennial. Herb. Ht up to 0.9 m. Alt up to 600 m. EC

STOIBRAX Raf. 6014010

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 250, 251.

capense (Lam.) B.L.Burtt
Sonderina didyma (Sond.) Adamson (1)
Annual. Herb. Ht up to 0.2 m. Alt 30–300 m. WC

*TORILIS Adans. 5945000

(1) Cannon. 1978. *FZ* 4: 570–572.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 251, 252.

arvensis (Huds.) Link
Annual. Herb. Ht up to 1 m. Alt 6–1340 m. NC, WC, EC

nodosa (L.) Gaertn.
Annual. Herb. Ht up to 0.5 m. Alt up to 516 m. EC

TRACHYSCIADIUM H.Wolff 6020020

capense Eckl. & Zeyh. = **Ezosciadium capense**

THUNBERGIELLA H.Wolff 6046010

filiformis (Koso-Pol.) H.Wolff = **Itasina filifolia**

APOCYNACEAE

Compiled by J.E. Victor, A. Nicholas, P.V. Bruyns, H.J.T. Venter & H.F. Glen

ACOKANTHERA G.Don 6558000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 24.
(2) Codd. 1963. *FSA* 26: 245–250.
(3) Kupicha. 1982. *Kew Bulletin* 37: 41–67.
(4) Kupicha. 1985. *FZ* 7,2: 404–408.

oblongifolia (Hochst.) Codd
A. spectabilis (Sond.) Hook.f. (2)
Perennial. Tree, shrub. Ht 1.8–6 m. Alt 0–950 m. KZN, EC

oppositifolia (Lam.) Codd
A. venenata in sense of Stapf, not of G.Don, misapplied name (2)
Perennial. Tree, shrub. Ht 0.6–6 m. Alt 0–1950 m. LIM, NW, G, M, S, KZN, WC, EC

rotundata (Codd) Kupicha
A. schimperi (A.DC.) Schweinf. var. *rotundata* Codd (3)
Perennial. Tree, shrub. Ht 1.5–5.5 m. Alt 0–1250 m. LIM, M, S, KZN

schimperi (A.DC.) Schweinf. var. *rotundata* Codd = **A. rotundata**

spectabilis (Sond.) Hook.f. = **A. oblongifolia**

venenata in sense of Stapf, not of G.Don, misapplied name = **A. oppositifolia**

ADENIUM Roem. & Schult. 6680000

(1) Codd. 1963. *FSA* 26: 244–296.
(2) Plaizier. 1980. *Mededelingen Landbouwhogeschool Wageningen* 80,12: 9–13.
(3) Plaizier. 1985. *FZ* 7,2: 395–503.

boehmianum Schinz
Perennial. Shrub, succulent. Ht 0.2–2 m. Alt 300–1200 m. N

multiflorum Klotzsch
A. obesum (Forssk.) Roem. & Schult. var. *multiflorum* (Klotzsch) Codd (2)
Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 45–610 m. LIM, M, S, KZN

obesum (Forssk.) Roem. & Schult. var. *multiflorum* (Klotzsch) Codd = **A. multiflorum**

oleifolium Stapf
Perennial. Dwarf shrub, succulent. Ht 0.1–0.5 m. Alt 700–1051 m. N, B, LIM, NC

swazicum Stapf
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 185–395 m. M, S

ANCYLOBOTRYS Pierre 6562020

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 352.
(2) Kupicha. 1985. *FZ* 7,2: 422–427.

capensis (Oliv.) Pichon
Landolphia capensis Oliv. (2)
Perennial. Shrub, climber. Ht 0.3–3 m. Alt 750–1900 m. B, LIM, NW, G, M, KZN

petersiana (Klotzsch) Pierre
Landolphia petersiana (Klotzsch) T.-Dyer (2)
Perennial. Shrub, climber. Ht 0.2–6 m. Alt 15–860 m. LIM, KZN

ANGOLLUMA R.Munster 6884040

lugardii (N.E.Br.) Plowes = **Orbea lugardii**

miscella (N.E.Br.) Plowes = **Orbea miscella**

rogersii (L.Bolus) Plowes = **Orbea rogersii**

schweinfurthii (A.Berger) Plowes = **Orbea schweinfurthii**

ubomboensis (I.Verd.) Plowes = **Orbea ubomboensis**

ANISOTOMA Fenzl 6868000

(1) Brown. 1907. *FC* 4: 315–418.

cordifolia Fenzl
Perennial. Herb. Ht 0.1–0.2 m. Alt? EC

pedunculata N.E.Br.
Perennial. Herb. Ht 0.1–0.2 m. Alt? LIM, M, S, FS, KZN, L

APOCYNUM L. 6684000

filiforme L.f. = **Eustegia filiformis**

hastatum Thunb. = **Eustegia minuta**

minutum L.f. = **Eustegia minuta**

APOXYANTHERA Hochst. 6745010

pubescens Hochst. = **Raphionacme hirsuta**

*ARAUJIA Brot. 6771000

(1) Forster & Bruyns. 1992. *Taxon* 41: 746–749.

sericifera Brot.
Perennial. Climber. Ht 1–15 m. Alt 10–1800 m. NW, G, KZN, L, WC, EC

ASCLEPIAS L. 6791000

(1) Schlechter. 1896. *Journal of Botany* 34: 455.
(2) Brown. 1907–1909. *FC* 4,1: 315–1036.
(3) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 204, 208, 228.
(4) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 408.
(5) Bullock. 1952. *Kew Bulletin* 7: 405–426.
(6) Merxmüller. 1967. *FSWA*: 114.
(7) Nicholas. 1987. *Bothalia* 17: 17–23.
(8) Bruyns. 1995. *Bothalia* 25: 155–172.
(9) Goyder. 1997. *Kew Bulletin* 52: 247, 248.
(10) Goyder & Nicholas. 2001. *Kew Bulletin* 56: 769–836.
(11) Goyder. 2001. *Kew Bulletin* 56: 129–161.
(12) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

acerateoides (Schltr.) Schltr. = **Xysmalobium acerateoides**

adscendens (Schltr.) Schltr.
Gomphocarpus adscendens Schltr. (1)
Perennial. Geophytic herb. Ht 100–300 mm. Alt 450–1750 m. LIM, NW, G, M, S, FS, KZN, L

affinis (Schltr.) Schltr. = **A. albens**

alatus Schltr. = **Pachycarpus dealbatus**

albens (E.Mey.) Schltr.
A. affinis (Schltr.) Schltr. (12)
Gomphocarpus affinis Schltr. (12)
Gomphocarpus albens (E.Mey.) Decne. (2)
Pachycarpus albens E.Mey. (2)
Xysmalobium albens (E.Mey.) D.Dietr. (2)
Perennial. Geophytic herb. Ht 200–500 mm. Alt 10–1700 m. LIM, NW, G, M, S, FS, KZN, EC

angustifolia Schweigg. = **Gomphocarpus fruticosus** subsp. **fruticosus**

anisophylla Conrath & Schltr. = **Xysmalobium brownianum**

aphylla Thunb. = **Sarcostemma viminale** subsp. **viminale**

appendiculata (E.Mey.) Schltr. = **Pachycarpus appendiculatus**

arborea Salisb. = **Gomphocarpus cancellatus**

arborescens L. = **Gomphocarpus cancellatus**

aurea (Schltr.) Schltr.
A. aurea (Schltr.) Schltr. var. *brevicuspis* S.Moore (2)
A. aurea (Schltr.) Schltr. var. *vittata* N.E.Br. (2)
Gomphocarpus aureus Schltr. (2)
Gomphocarpus schizoglossoides Schltr. (2)
Schizoglossum pedunculatum Schltr. (2)
Perennial. Geophytic herb. Ht 145–520 mm. Alt (750–) 1000–2000 m. N?, B, LIM, NW, G, M, S, FS, KZN, L, NC?, EC

aurea (Schltr.) Schltr. var. *brevicuspis* S.Moore = **A. aurea**

aurea (Schltr.) Schltr. var. *vittata* N.E.Br. = **A. aurea**

bicuspis N.E.Br.
Perennial. Geophytic herb. Ht 190–410 mm. Alt? KZN

brasiliensis (E.Fourn.) Schltr. = **Gomphocarpus physocarpus**

brevicuspis (E.Mey.) Schltr.
Gomphocarpus brevicuspis (E.Mey.) D.Dietr. (2)
Lagarinthus brevicuspis E.Mey. (2)
Perennial. Geophytic herb. Ht (130–)150–340(–430) mm. Alt 50–1500 m. M, KZN, EC

brevipes (Schltr.) Schltr.
Gomphocarpus brevipes Schltr. (2)
Perennial. Geophytic herb. Ht 120–295 mm. Alt 1200–1600 m. LIM, NW, G, M, FS

buchenaviana Schinz = **Gomphocarpus filiformis**

burchellii Schltr. = **Gomphocarpus tomentosus** subsp. **tomentosus**

calceolus S.Moore = **A. dregeana** var. **calceolus**

cancellata Burm.f. = **Gomphocarpus cancellatus**

chloroglossa Schltr. = **Xysmalobium involucratum**

coarctata S.Moore = **Kanahia laniflora**

cognata N.E.Br. = **Aspidonepsis cognata**

compressidens (N.E.Br.) Nicholas
A. navicularis (E.Mey.) Schltr. var. *compressidens* N.E.Br. (7)
Perennial. Geophytic herb. Ht 100–200 mm. Alt 30–140 m. EC

concinna (Schltr.) Schltr.
Gomphocarpus concinnus Schltr. (2)
Perennial. Geophytic herb. Ht 300–330 mm. Alt 900–1500 m. KZN, EC

concolor (E.Mey.) Schltr. = **Pachycarpus concolor**

confusa (Scott-Elliot) Schltr. = **Xysmalobium confusum**

cooperi N.E.Br.
Perennial. Geophytic herb. Ht 150–300 mm. Alt 650–1400 m. EC

cornuta (Decne.) Cordem. = **Gomphocarpus fruticosus** subsp. **fruticosus**

crassinervis N.E.Br. (4)
Stathmostelma crassinerve (N.E.Br.) Bullock (12)
Perennial. Geophytic herb. Ht 120–280 mm. Alt 900–1400 m. M, S

crinita (Bertol.) N.E.Br. = **Gomphocarpus fruticosus** subsp. **fruticosus**

crispa P.J.Bergius var. **crispa**
A. sabulosa Schltr. (2)
A. sinuosa Burm.f. (2)
A. undulata L. (1769), not of L. (1753) (12)
Gomphocarpus arenarius Schltr. (2)
Gomphocarpus crispus (P.J.Bergius) R.Br. (2)
Gomphocarpus hastatus E.Mey. var. *angustifolius* Meisn. (2)
Pachycarpus crispus (P.J.Bergius) E.Mey. (2)
Xysmalobium crispum (P.J.Bergius) D.Dietr. (2)
Perennial. Geophytic herb. Ht 150–388 mm. Alt 30–900 m. NC, WC, EC

crispa P.J.Bergius var. **plana** N.E.Br.
Perennial. Geophytic herb. Ht 150–366 mm. Alt 15–60 m. EC

crispa P.J.Bergius var. **pseudocrispa** N.E.Br.
Perennial. Geophytic herb. Ht 150–366 mm. Alt ± 60 m. EC

cucullata (Schltr.) Schltr.
Gomphocarpus cucullatus Schltr. (2)
Trachycalymma cucullatum (Schltr.) Bullock (12)
Perennial. Geophytic herb. Ht 170–350 mm. Alt 1000–2400 m. LIM, M, S, FS, KZN, L, EC

cultriformis (Harv. ex Schltr.) Schltr.
Gomphocarpus cultriformis Harv. ex Schltr. (2)
Perennial. Geophytic herb. Ht 150–300 mm. Alt 450–2380 m. LIM, G, M, S, KZN, EC

***curassavica** L.
A. margaritacea Hoffmanns. (12)
A. nivea L. var. *curassavica* (L.) Kuntze (12)
Perennial. Herb. Ht 400–1000 mm. Alt? G, KZN, WC, EC

daemia Forssk. = **Pergularia daemia** var. **daemia**

dealbata (E.Mey.) Schltr. = **Pachycarpus dealbatus**

decipiens N.E.Br. = **Gomphocarpus fruticosus** subsp. **decipiens**

densiflora N.E.Br.
Perennial. Geophytic herb. Ht 240–540 mm. Alt 570–1500 m. LIM, NW, G, M, S, KZN

depressa (Schltr.) Schltr. = **A. multicaulis**

diploglossa (Turcz.) Druce = **Aspidonepsis diploglossa**

disparilis N.E.Br.
Perennial. Geophytic herb. Ht 80–200 mm. Alt 750–1000 m. KZN, EC

dissona N.E.Br.
Schizoglossum capitatum Schltr. (12)
Perennial. Geophytic herb. Ht 190–280 mm. Alt 1400–1560 m. M

dregeana Schltr. var. **calceolus** (S.Moore) N.E.Br.
A. calceolus S.Moore (12)
A. dregeana Schltr. var. *sordida* N.E.Br. (12)
Perennial. Geophytic herb. Ht 70–380 mm. Alt 300–1600 m. LIM, G, M, S, KZN, EC

dregeana Schltr. var. **dregeana**
A. viridiflora (E.Mey.) Goyder, illegitimate name (12)
Gomphocarpus marginatus Schltr. (2)
Gomphocarpus viridiflorus (E.Mey.) Decne. (2)
Pachycarpus viridiflorus E.Mey. (2)
Xysmalobium viridiflorum (E.Mey.) D.Dietr. (2)
Perennial. Geophytic herb. Ht 70–200 mm. Alt 300–1200 m. KZN, EC

dregeana Schltr. var. *sordida* N.E.Br. = **A. dregeana** var. **calceolus**

eminens (Harv.) Schltr.
Gomphocarpus eminens Harv. (2)
Stenostelma eminens (Harv.) Bullock (12)
Perennial. Geophytic herb. Ht 160–370 mm. Alt 600–1800 m. LIM, NW, G, M, S, FS, KZN, L

eustegioides (E.Mey.) Schltr. = **Schizoglossum eustegioides**

expansa (E.Mey.) Schltr.
Gomphocarpus expansus (E.Mey.) D.Dietr. (2)
Lagarinthus expansus E.Mey. (2)
Perennial. Geophytic herb. Ht 220–720 mm. Alt 150–300(–900) m. EC

fallax (Schltr.) Schltr.
Gomphocarpus fallax Schltr. (2)
Perennial. Geophytic herb. Ht 120–410 mm. Alt 1200–1800 m. NW, G, M

filiformis (E.Mey.) Benth. & Hook.f., not of Jacq. (1760), also not of L.f. (1781), invalid name = **Gomphocarpus filiformis**

filiformis (E.Mey.) Kuntze, not of Jacq. (1760), also not of L.f. (1781) = **Gomphocarpus filiformis**

filiformis (E.Mey.) Kuntze var. *buchenaviana* (Schinz) N.E.Br. = **Gomphocarpus filiformis**

filiformis L.f., not of (E.Mey.) Benth. & Hook f., invalid name = **Schizoglossum linifolium** var. **linifolium**

flagellaris Bolus ex Schltr. = **Gomphocarpus filiformis**

flanaganii Schltr. = **A. hastata**

flava N.E.Br. = **Aspidonepsis flava**

flexuosa (E.Mey.) Schltr.
Gomphocarpus flexuosus (E.Mey.) D.Dietr. (2)
Gomphocarpus fragrans Schltr. (2)
Lagarinthus flexuosus E.Mey. (2)
Perennial. Geophytic herb. Ht 210–420 mm. Alt 10–1500(–1800) m. KZN, EC

fornicata N.E.Br. = **Stathmostelma fornicatum** subsp. **fornicatum**

fruticosa L. = **Gomphocarpus fruticosus** subsp. **fruticosus**

galpinii (Schltr.) Schltr. = **Pachycarpus galpinii**

geminata Roxb., naked name = **Marsdenia sylvestris**

geminiflora (Schltr.) Schltr. = **Pachycarpus concolor**

gerrardii (Harv.) Schltr. = **Pachycarpus campanulatus** var. **sutherlandii**

gibba (E.Mey.) Schltr. var. **gibba**
A. oxytropis (Turcz.) Schltr. (2)
Gomphocarpus gibbus (E.Mey.) D.Dietr. (2)
Gomphocarpus oxytropis Turcz. (2)
Lagarinthus gibbus E.Mey. (2)
Perennial. Geophytic herb. Ht 14–300(–450) mm. Alt 20–2500 m, LIM, NW, G, M, S, FS, KZN, L, EC

gibba (E.Mey.) Schltr. var. **media** N.E.Br.
Perennial. Geophytic herb. Ht 120–310 mm. Alt (450–) 1200–1400 m. B, LIM, NW, G, M, S, FS, KZN, L

glaberrima (Oliv.) Schltr. = **Kanahia laniflora**

glaucophylla (Schltr.) Schltr. = **Gomphocarpus glaucophyllus**

gomphocarpoides (E.Mey.) Schltr. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**

gordon-grayae Nicholas
Perennial. Geophytic, paludophytic herb. Ht 240–750 mm. Alt 30–900 m. KZN

grandiflora L.f. = **Pachycarpus grandiflorus** subsp. **grandiflorus**

grandiflora L.f. var. *chrysantha* Schltr. = **Pachycarpus grandiflorus** subsp. **grandiflorus**

harveyana (Schltr.) Schltr. = **Xysmalobium prunelloides**

hastata (E.Mey.) Schltr.
A. flanaganii Schltr. (2)
Gomphocarpus asclepiaceus Schltr. (2)
Gomphocarpus geminatus Schltr. (2)
Gomphocarpus hastatus E.Mey. (2)
Perennial. Geophytic herb. Ht 220–380 mm. Alt 400–600 m. EC

humilis (E.Mey.) Schltr.
Gomphocarpus humilis (E.Mey.) Decne. (2)
Pachycarpus humilis E.Mey. (2)
Xysmalobium humile (E.Mey.) D.Dietr. (2)
Perennial. Geophytic herb. Ht 50–250 mm. Alt 1800–2900 m. FS, KZN, L, EC

insignis (Schltr.) Schltr. = **Pachycarpus transvaalensis**

lanata (E.Mey.) Druce = **Gomphocarpus tomentosus** subsp. **tomentosus**

laniflora Delile, not of Forssk., illegitimate name = **Kanahia laniflora**

laniflora Forssk. = **Kanahia laniflora**

lilacina Weim. = **Gomphocarpus glaucophyllus**

linearis (E.Mey.) Schltr. = **Pachycarpus linearis**

lineolata (Decne.) Schltr. = **Pachycarpus lineolatus**

mackenii (Harv.) Schltr. = **Pachycarpus mackenii**

macra Schltr. = **Pachycarpus suaveolens**

macrochila Schltr. = **Pachycarpus macrochilus**

macropus (Schltr.) Schltr.
Gomphocarpus macropus Schltr. (2)
Perennial. Geophytic herb. Ht 150–400 mm. Alt 900–2000 m. M, FS, KZN, EC

margaritacea Hoffmanns. = **A. curassavica**

meliodora (Schltr.) Schltr.
A. meliodora (Schltr.) Schltr. var. *brevicoronata* N.E.Br. (12)
A. meliodora (Schltr.) Schltr. var. *meliodora* (12)
Gomphocarpus meliodorus Schltr. (2)
Perennial. Geophytic herb. Ht 30–120 mm. Alt 150–2150 m. B, LIM, NW, G, M, S, KZN

meliodora (Schltr.) Schltr. var. *brevicoronata* N.E.Br. = **A. meliodora**

meliodora (Schltr.) Schltr. var. *meliodora* = **A. meliodora**

meyeriana (Schltr.) Schltr.
Gomphocarpus meyerianus Schltr. (2)
Lagarinthus revolutus E.Mey. var. *minor* E.Mey. (2)
Perennial. Geophytic herb. Ht 100–260 mm. Alt 800–1500 m. NW, G, S, FS, KZN, L, NC, EC

microphylla Roth = **Pentatropis capensis**

microphylla Roxb., naked name = **Pentatropis capensis**

monticola N.E.Br.
Perennial. Geophytic herb. Ht 50–130 mm. Alt ± 2000 m. EC

mucronata Thunb. = **Woodia mucronata**

multicaulis (E.Mey.) Schltr.
A. depressa (Schltr.) Schltr. (12)
Gomphocarpus depressus Schltr. (12)
Gomphocarpus multicaulis (E.Mey.) D.Dietr. (2)
Lagarinthus multicaulis E.Mey. (2)
Perennial. Geophytic herb. Ht 80–150 mm. Alt 1200–2200 m. G, M, FS, KZN, L, EC

multiflora (Decne.) N.E.Br.
Gomphocarpus multiflorus Decne. (1)
Perennial. Herb. Ht? Alt? Distr.?

nana I.Verd.
Perennial. Geophytic herb. Ht ± 110 mm. Alt ± 1360 m. LIM

navicularis (E.Mey.) Schltr.
Gomphocarpus navicularis (E.Mey.) D.Dietr. (2)
Lagarinthus navicularis E.Mey. (2)
Perennial. Geophytic herb. Ht 105–290 mm. Alt 20–900 m. EC

navicularis (E.Mey.) Schltr. var. *compressidens* N.E.Br. = **A. compressidens**

nivea L. var. *curassavica* (L.) Kuntze = **A. curassavica**

nuda Schumach. & Thonn. = **Sarcostemma viminale** subsp. **viminale**

nutans (Klotzsch) N.E.Br. = **Gomphocarpus tomentosus** subsp. **tomentosus**

ochroleuca (Schltr.) Schltr. = **Xysmalobium gerrardii**

orbicularis (E.Mey.) Schltr. = **Xysmalobium orbiculare**

oreophila Nicholas
Perennial. Geophytic herb. Ht 70–230 mm. Alt 1700–3000 m. KZN, L, EC

oxytropis (Turcz.) Schltr. = **A. gibba** var. **gibba**

pachyglossa (Schltr.) Schltr. = **Xysmalobium parviflorum**

pachystephana Schltr. = **Schizoglossum linifolium** var. **linifolium**

patens N.E.Br.
Perennial. Geophytic herb. Ht 200–840 mm. Alt 150–360 m. EC

peltigera (E.Mey.) Schltr.
A. truncata Harv., not of D.Dietr. (2)
Gomphocarpus peltigerus (E.Mey.) D.Dietr. (2)
Lagarinthus peltigerus E.Mey. (2)
Perennial. Geophytic herb. Ht 310–820 mm. Alt 30–100 m. EC

physocarpa (E.Mey.) Schltr. = **Gomphocarpus physocarpus**

praemorsa Schltr.
Gomphocarpus truncatus (E.Mey.) D.Dietr. (2)
Gomphocarpus truncatus (E.Mey.) Harv. (2)
Lagarinthus truncatus E.Mey. (2)
Perennial. Geophytic herb. Ht 240–560(–780) mm. Alt 60–450 m. KZN, EC

procera Aiton = **Calotropis procera**

pubescens L. = **Gomphocarpus cancellatus**

randii S.Moore
Perennial. Geophytic herb. Ht 100–120 mm. Alt? N

rara N.E.Br.
Perennial. Geophytic herb. Ht 90–200 mm. Alt ± 360 m. EC

rectinervis (Schltr.) Schltr. = **Xysmalobium confusum**

reenensis N.E.Br. = **Aspidonepsis reenensis**

reflectens (E.Mey.) Schltr. = **Pachycarpus reflectens**

rigidus (E.Mey.) Schltr. = **Pachycarpus rigidus**

rivalis S.Moore = **Kanahia laniflora**

rivularis (Schltr.) Schltr. = **Gomphocarpus rivularis**

rostrata N.E.Br. = **Gomphocarpus fruticosus** subsp. **rostratus**

rotundifolia Mill. = **Gomphocarpus cancellatus**

sabulosa Schltr. = **A. crispa** var. **crispa**

salicifolia Salisb. = **Gomphocarpus fruticosus** subsp. **fruticosus**

scabra (Harv.) Schltr. = **Pachycarpus scaber**

scabridifolia Schltr. = **Xysmalobium acerateoides**

schinziana (Schltr.) Schltr. = **Pachycarpus schinzianus**

schlechteri (K.Schum.) N.E.Br.
Gomphocarpus schlechteri K.Schum. (2)
Perennial. Geophytic herb. Ht 535–550 mm. Alt ± 800 m. S, KZN

schweinfurthii N.E.Br. = **Pachycarpus lineolatus**

semiamplectens (K.Schum.) Hiern = **Gomphocarpus semiamplectens**

simplex (Schltr.) Schltr. = **A. stellifera**

sinuosa Burm.f. = **A. crispa** var. **crispa**

stellifera Schltr.
A. simplex (Schltr.) Schltr. (2)
Gomphocarpus revolutus (E.Mey.) D.Dietr. (2)
Gomphocarpus simplex Schltr. (2)
Lagarinthus revolutus E.Mey. (2)
Perennial. Geophytic herb. Ht 120–290 mm. Alt 1000–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

stockenstromensis (Scott-Elliot) Schltr. = **Xysmalobium stockenstromense**

suaveolens Schltr. = **Pachycarpus suaveolens**

sulphurea in sense of Schltr. = **Xysmalobium gerrardii**

sulphurea in sense of S.Moore = **Xysmalobium asperum**

tenuis (E.Mey.) Schltr. = **Schizoglossum linifolium** var. **linifolium**

transvaalensis (Schltr.) Schltr. = **Pachycarpus transvaalensis**

truncata Harv., not of D.Dietr. = **A. peltigera**

tysoniana Schltr. = **Xysmalobium tysonianum**

ulophylla Schltr.
Perennial. Geophytic herb. Ht ± 820 mm. Alt ± 330 m. M

undulata L. (1753) = **Xysmalobium undulatum**

undulata L. (1769), not of L. (1753) = **A. crispa** var. **crispa**

valida (Schltr.) Schltr. = **Pachycarpus asperifolius**

velutina (Schltr.) Schltr.
Gomphocarpus velutinus Schltr. (2)
Perennial. Geophytic herb. Ht 75–114 mm. Alt 900–1200 m. M

vexillare (E.Mey.) Schltr. = **Pachycarpus vexillaris**

vicaria N.E.Br.
Perennial. Geophytic herb. Ht 200–300 mm. Alt 1300–2000 m. M, KZN, EC

villosa Mill. = **Gomphocarpus tomentosus** var. **tomentosus**

viridiflora (E.Mey.) Goyder, illegitimate name = **A. dregeana** var. **dregeana**

woodii (Schltr.) Schltr.
Gomphocarpus woodii Schltr. (2)
Perennial. Geophytic herb. Ht 380–800 mm. Alt 600–1400 m. KZN

xysmalobioides Hilliard & B.L.Burtt, not of S.Moore
Perennial. Geophytic herb. Ht 170–200 mm. Alt 1800–2500 m. KZN, L

ASPIDOGLOSSUM E.Mey. 6778010

(1) Brown. 1907–1909. *FC* 4,1: 315–1036.
(2) Kupicha. 1984. *Kew Bulletin* 38: 633–666.
(3) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 179–182.

araneiferum (Schltr.) Kupicha
Schizoglossum araneiferum Schltr. (2)
Perennial. Geophytic herb. Ht 300–600 mm. Alt 300–1800 m. LIM, G, M, S, FS, KZN, L

biflorum E.Mey.
Schizoglossum biflorum (E.Mey.) Schltr. (2)
Schizoglossum biflorum (E.Mey.) Schltr. var. *concinnum* (Schltr.) N.E.Br. (2)
Schizoglossum biflorum (E.Mey.) Schltr. var. *integrum* N.E.Br. (2)
Schizoglossum conrathii Schltr. (2)

Schizoglossum excisum Schltr. (2)
Schizoglossum strictum Schltr. (2)
Schizoglossum tubulosum Schltr. (2)
Schizoglossum venustum Schltr. (2)
Schizoglossum venustum Schltr. var. *concinnum* Schltr. (2)
Perennial. Geophytic herb. Ht 200–700 mm. Alt 725–1830 m. N, LIM, NW, G, M, FS, KZN, L, EC

carinatum (Schltr.) Kupicha
Schizoglossum carinatum Schltr. (2)
Schizoglossum tricuspidatum Schltr. (2)
Perennial. Geophytic herb. Ht (150–)300–600 mm. Alt 5–1020 m. KZN, L, EC

delagoense (Schltr.) Kupicha
Schizoglossum biauriculatum Schltr. (2)
Schizoglossum delagoense Schltr. (2)
Perennial. Geophytic herb. Ht 200–450 mm. Alt 10–44 m. KZN

demissum Kupicha
Perennial. Geophytic herb. Ht 50–60 mm. Alt ± 2040 m. KZN

difficile Hilliard
Perennial. Geophytic herb. Ht ± 450 mm. Alt? KZN

dissimile (N.E.Br.) Kupicha
Schizoglossum dissimile N.E.Br. var. *dissimile* (2)
Schizoglossum dissimile N.E.Br. var. *pubiflorum* N.E.Br. (2)
Perennial. Geophytic herb. Ht 60–200 mm. Alt ?–2225 m. M, KZN, EC

fasciculare E.Mey.
Schizoglossum ciliatum Schltr. (2)
Schizoglossum fasciculare (E.Mey.) Schltr. (2)
Perennial. Geophytic herb. Ht 100–340 mm. Alt 765–1500 m. KZN, EC

flanaganii (Schltr.) Kupicha
Schizoglossum flanaganii Schltr. (2)
Perennial. Geophytic herb. Ht 180–300 mm. Alt 5–30 m. EC

glabrescens (Schltr.) Kupicha
Schizoglossum barbatum Schltr., illegitimate name (2)
Schizoglossum glabrescens Schltr. (2)
Schizoglossum glabrescens Schltr. var. *longirostre* (Schltr.) N.E.Br. (2)
Schizoglossum hirtiflorum N.E.Br. (2)
Schizoglossum longirostre Schltr. (2)
Schizoglossum loreum S.Moore (2)
Schizoglossum schlechteri N.E.Br. (2)
Schizoglossum tenuissimum Schltr. (2)
Schizoglossum tridens N.E.Br. (2)
Schizoglossum unicum N.E.Br. (2)
Perennial. Geophytic herb. Ht 350–600 m. Alt 1200–2100 m. LIM, NW, G, M, FS, KZN, EC

glanduliferum (Schltr.) Kupicha
Schizoglossum auriculatum N.E.Br. (2)
Schizoglossum commixtum N.E.Br. (2)
Schizoglossum glanduliferum Schltr. (2)
Schizoglossum parile N.E.Br. (2)
Perennial. Geophytic herb. Ht 250–500 mm. Alt ?–1980 m. M, FS, KZN, EC

gracile (E.Mey.) Kupicha
Gomphocarpus gracilis (E.Mey.) D.Dietr. (2)
Lagarinthus exilis Decne., superfluous name, illegitimate (2)
Lagarinthus gracilis E.Mey. (2)
Rhinolobium tenue Arn. (2)
Schizoglossum addoense N.E.Br. (2)
Schizoglossum bolusii Schltr. (2)
Schizoglossum bowkerae N.E.Br. (2)
Schizoglossum buchananii N.E.Br. (2)
Schizoglossum burchellii N.E.Br. (2)
Schizoglossum dregei N.E.Br. (2)
Schizoglossum exile (Decne.) Schltr. (2)
Schizoglossum filifolium Schltr. (2)
Schizoglossum filipes Schltr. (2)
Schizoglossum guthriei Schltr. (2)
Schizoglossum lunatum Schltr. (2)
Schizoglossum monticola Schltr. (2)
Schizoglossum parcum N.E.Br. (2)
Schizoglossum parvulum Schltr. var. *parvulum* (2)
Schizoglossum parvulum Schltr. var. *sessile* N.E.Br. (2)
Schizoglossum tenue (Arn.) Druce (2)
Schizoglossum tomentosum Schltr. (2)
Perennial. Geophytic herb. Ht 100–1000 mm. Alt 8–1710 m. KZN, L, WC, EC

grandiflorum (Schltr.) Kupicha
Schizoglossum grandiflorum Schltr. (2)
Schizoglossum macowanii N.E.Br. var. *macowanii* (2)
Schizoglossum macowanii N.E.Br. var. *tugelense* N.E.Br. (2)
Perennial. Geophytic herb. Ht up to 0.15 m. Alt up to 1750 m. FS, KZN, EC

heterophyllum E.Mey.
Schizoglossum consimile N.E.Br. (2)
Schizoglossum harveyi N.E.Br. (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *heterophyllum* (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *majus* N.E.Br. (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *schinzianum* (Schltr.) N.E.Br. (2)
Schizoglossum schinzianum Schltr. (2)
Schizoglossum villosum Schltr. (2)
Perennial. Geophytic herb. Ht 50–120(–230) mm. Alt 60–690 m. WC, EC

interruptum (E.Mey.) Bullock
Gomphocarpus interruptus (E.Mey.) D.Dietr. (2)
Lagarinthus abyssinicus Hochst. ex Benth., superfluous name, illegitimate (2)
Lagarinthus interruptus E.Mey. (2)
Schizoglossum altissimum Schltr. (2)
Schizoglossum barberae Schltr. (2)
Schizoglossum interruptum (E.Mey.) Schltr. (2)
Perennial. Geophytic herb. Ht 500–1500 mm. Alt 5–2560 m. NW, G, M, FS, KZN, L, EC

lamellatum (Schltr.) Kupicha
Schizoglossum bilamellatum Schltr.(2)
Schizoglossum bilamellatum Schltr. var. *cordylogynoides* Schltr. (2)
Schizoglossum lamellatum Schltr. (2)
Schizoglossum propinquum S.Moore (2)
Perennial. Geophytic herb. Ht 150–600 mm. Alt up to 1700 m. LIM, NW, G, M, FS, KZN, L, EC

masaicum (N.E.Br.) Kupicha
Schizoglossum baumii Schltr. ex N.E.Br. (2)
Schizoglossum masaicum N.E.Br. (2)
Perennial. Geophytic herb. Ht (120–)350–700(–1100) mm. Alt? N

ovalifolium (Schltr.) Kupicha
Schizoglossum contracurvum N.E.Br. (2)
Schizoglossum ovalifolium Schltr. (2)
Schizoglossum pumilum Schltr. (2)
Schizoglossum robustum Schltr. var. *inandense* N.E.Br. (2)
Schizoglossum robustum Schltr. var. *pubiflorum* N.E.Br. in part (2)
Schizoglossum robustum Schltr. var. *robustum* (2)
Schizoglossum striatum Schltr. (2)
Perennial. Geophytic herb. Ht 60–330 mm. Alt 30–1740 m. LIM, NW, G, M, S, FS, KZN, EC

restioides (Schltr.) Kupicha
Schizoglossum pallidum Schltr. (2)
Schizoglossum randii S.Moore (2)
Schizoglossum restioides Schltr. (2)
Perennial. Geophytic herb. Ht 500–700 mm. Alt up to 1525 m. NW, G, M, FS?, NC?, EC

uncinatum (N.E.Br.) Kupicha
Schizoglossum uncinatum N.E.Br. (2)
Perennial. Geophytic herb. Ht 90–200 mm. Alt ?–915 m. EC

validum Kupicha
Schizoglossum robustum Schltr. var. *pubiflorum* N.E.Br. in part (2)
Perennial. Geophytic herb. Ht 200–1000 mm. Alt 825–1220 m. M, S

virgatum (E.Mey.) Kupicha
Gomphocarpus virgatus (E.Mey.) D.Dietr. (1)
Lagarinthus virgatus E.Mey. (2)
Schizoglossum virgatum (E.Mey.) Schltr. (2)
Perennial. Geophytic herb. Ht 350–800 mm. Alt 300–1650 m. KZN, EC

woodii (Schltr.) Kupicha
Schizoglossum woodii Schltr. (2)
Perennial. Geophytic herb. Ht 550–1400 mm. Alt 60–1800 m. KZN, EC

xanthosphaerum Hilliard
Perennial. Geophytic herb. Ht 60–150 mm. Alt up to 2000 m. M, KZN

ASPIDONEPSIS Nicholas & Goyder 6778030

(1) Nicholas & Goyder. 1992. *Bothalia* 22: 23–35.
(2) Nicholas & Goyder. 1993. *Bothalia* 23: 236.

cognata (N.E.Br.) Nicholas & Goyder
Asclepias cognata N.E.Br. (1)
Perennial. Geophytic herb. Ht 180–550 mm. Alt 1200–2100 m. KZN, EC

diploglossa (Turcz.) Nicholas & Goyder
Asclepias diploglossa (Turcz.) Druce (1)
Gomphocarpus diploglossus Turcz. (1)
Perennial. Geophytic herb. Ht 170–500 mm. Alt 350–2400 m. KZN, EC

flava (N.E.Br.) Nicholas & Goyder
Asclepias flava N.E.Br. (1)
Perennial. Geophytic herb. Ht 180–475 mm. Alt 600–2000 m. KZN, EC

reenensis (N.E.Br.) Nicholas & Goyder
Asclepias reenensis N.E.Br. (1, 2)
Perennial. Geophytic herb. Ht 240–625 mm. Alt 1500–2100 m. M, S, KZN, L

shebae Nicholas & Goyder
Perennial. Geophytic herb. Ht 190–340 mm. Alt 1400–2100 m. M

ASTEPHANUS R.Br. 6758000

(1) Bullock. 1963. *Kew Bulletin* 17: 183–196.

frutescens E.Mey. = **Secamone filiformis**

marginatus Decne.
Perennial. Climber. Ht 0.5–3 m. Alt 5–150 m. WC, EC

neglectus Schltr. = **A. triflorus**

triflorus (L.f.) Schult.
A. neglectus Schltr. (1)
Perennial. Climber. Ht 0.5–3 m. Alt 5–640 m. NC, WC

BAISSEA A.DC. 6663000

(1) Codd. 1963. *FSA* 26: 276–278.
(2) De Kruif. 1985. *FZ* 7,2: 495–498.

wulfhorstii Schinz
Perennial. Shrub, climber. Ht 2–3 m. Alt 915–1525 m. N, B

BARROWIA Decne. 6862010

jasminiflora Decne. = **Orthanthera jasminiflora**

BAYNESIA Bruyns 6884025

(1) Bruyns. 2000. *Novon* 10: 354–358.

lophophora Bruyns
Perennial. Succulent. Ht 30–80 mm. Alt 1500–1600 m. N

BLEPHARANTHERA Schltr. 6870020

dinteri Schltr. = **Brachystelma blepharanthera**

BOUCEROSIA Wight & Arn. 6884070

incarnata (L.f.) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**

mammillaris (L.) N.E.Br. = **Quaqua mammillaris**

BRACHYSTELMA R.Br. 6870000

(1) Brown. 1909. *FC* 4,1: 849, 850.
(2) Dyer. 1980. *FSA* 27: 1–41.
(3) Dyer. 1983. Ceropegia, Brachystelma *and* Riocreuxia *in southern Africa*.
(4) Forster. 1986. *Bothalia* 16: 227, 228.
(5) Boele. 1989. *Excelsa* 14: 45–53.
(6) Peckover. 1992. *Aloe* 29: 56, 57, 66.
(7) Bruyns. 1995. *Bothalia* 25: 155–172.
(8) Peckover. 1996. *Aloe* 33: 41–43.
(9) Meve & Liede. 2001. *Plant Systematics & Evolution* 228: 89–105.
Note: inclusion of *Tenaris* and *Macropetalum* in *Brachystelma* inferred from noncoding nuclear and chloroplast DNA sequences.

alpinum R.A.Dyer
Perennial. Geophyte. Ht 30–50 mm. Alt 2300–2500 m. L

angustum Peckover
Perennial. Geophyte. Ht 20–40 mm. Alt 1500–1700 m. M

arnotii Baker
B. grossartii Dinter (2)
Perennial. Geophyte. Ht 70–200 mm. Alt 900–1600 m. N, B, NW, NC

australe R.A.Dyer
Perennial. Geophyte. Ht 10–50 mm. Alt 50–600 m. KZN, EC

barberae Harv. ex Hook.f.
Dichaelia barberae (Harv. ex Hook.f.) Bullock (2)
Perennial. Geophyte. Ht 30–100 mm. Alt 400–1300 m. LIM, G, KZN, EC

blepharanthera H.Huber
Blepharanthera dinteri Schltr. (2)
Perennial. Geophyte. Ht 20–60 mm. Alt 1200–1700 m. N

brevipedicellatum Turrill
B. ringens E.A.Bruce (3)
Perennial. Geophyte. Ht 40–100 mm. Alt 800–1200 m. LIM, NW, M

bruceae R.A.Dyer subsp. **bruceae**
Perennial. Geophyte, creeping. Length 0.12–0.2 m. Alt 1000–2200 m. M

bruceae R.A.Dyer subsp. **hirsutum** R.A.Dyer
Perennial. Geophyte, creeping. Length 0.12–0.2 m. Alt ?–2200 m. M

burchellii (Decne.) Peckover var. **burchellii**
B. burchellii (Decne.) Peckover var. *grandiflora* (N.E.Br.) Meve (9)
Macropetalum burchellii Decne. var. *burchellii* (8)
Macropetalum burchellii Decne. var. *grandiflora* N.E.Br. (9)
Perennial. Geophyte. Ht 0.2–1 m. Alt 800–1300 m. B, LIM, G, FS, KZN, EC

burchellii (Decne.) Peckover var. *grandiflora* (N.E.Br.) Meve = **B. burchellii** var. **burchellii**

caffrum (Schltr.) N.E.Br.
Perennial. Geophyte, creeping. Length 20–100 mm. Alt 300–1600 m. EC

campanulatum N.E.Br.
Perennial. Geophyte. Ht 20–50 mm. Alt 400–700 m. EC

canum R.A.Dyer
Perennial. Herb. Ht? Alt ± 1300 m. NW

cathcartense R.A.Dyer
Perennial. Geophyte. Ht 50–70 mm. Alt 1200–1400 m. EC

caudatum (Thunb.) N.E.Br. = **B. tuberosum**

chloranthum (Schltr.) Peckover
Tenaris chlorantha Schltr. (8)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt 1100–1400 m. G

chlorozonum E.A.Bruce
Perennial. Geophyte. Ht 50–100 mm. Alt 50–1300 m. M, KZN

christianeae Peckover
Tenaris christianeae (Peckover) J.E.Victor & Nicholas (6)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 1000–1200 m. KZN

circinatum E.Mey.
B. galpinii (Schltr.) N.E.Br. (2)
B. pallidum (Schltr.) N.E.Br. (2)
Dichaelia circinata (E.Mey.) Schltr. (2)
Perennial. Geophyte. Ht 20–150 mm. Alt 500–1600 m. N, B, LIM, G, M, S, FS, KZN, WC, EC

coddii R.A.Dyer
Perennial. Geophyte, creeping. Length 0.05–1 m. Alt 1500–2000 m. M, S

codonanthum Bruyns
Perennial. Geophyte. Ht 20–150 mm. Alt 1100–1200 m. N

comaru E.Mey. = **Fockea comaru**

comptum N.E.Br.
Perennial. Herb. Ht 70–150 mm. Alt 100–500 m. EC

cupulatum R.A.Dyer
Perennial. Geophyte. Ht 30–150 mm. Alt 900–1600 m. N, B, NC

decipiens N.E.Br.
Perennial. Geophyte. Ht 50–100 mm. Alt 20–700 m. EC

delicatum R.A.Dyer
Perennial. Geophyte. Ht 20–60 mm. Alt 300–700 m. EC

dimorphum R.A.Dyer subsp. **dimorphum**
Perennial. Geophyte. Ht 10–50 mm. Alt 1200–1400 m. NW, FS, NC

dimorphum R.A.Dyer subsp. **gratum** R.A.Dyer
Perennial. Geophyte. Ht 10–50 mm. Alt ± 1300 m. FS

dinteri Schltr.
Perennial. Geophyte. Ht 50–500 mm. Alt 1200–1700 m. N, B

discoideum R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1100–1300 m. B, G

distinctum N.E.Br. = **B. elongatum**

duplicatum R.A.Dyer
B. floribundum R.A.Dyer, not of Turrill, illegitimate name (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 1300–1400 m. FS

dyeri K.Balkwill & M.Balkwill
Perennial. Geophyte. Ht 20–80 mm. Alt 1500–1800 m. M

elongatum (Schltr.) N.E.Br.
B. distinctum N.E.Br. (2)
Dichaelia elongata Schltr. (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 400–1600 m. EC

filifolium (N.E.Br.) Peckover
Tenaris filifolia N.E.Br. (8)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt? M, S, KZN

flavidum Schltr. = **B. pygmaeum** subsp. **flavidum**

floribundum R.A.Dyer, not of Turrill, illegitimate name = **B. duplicatum**

foetidum Schltr.
B. rehmannii Schltr. (2)
Perennial. Geophyte. Ht 70–150 mm. Alt 500–1400 m. B, LIM, NW, G, FS, KZN, L

franksiae N.E.Br.
Perennial. Herb. Ht 0.15–0.3 m. Alt 300–900 m. KZN

galpinii (Schltr.) N.E.Br. = **B. circinatum**

gemmeum R.A.Dyer
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 400–600 m. LIM

gerrardii Harv.
B. nigrum R.A.Dyer (2)
Dichaelia gerrardii Harv. (2)
Perennial. Herb. Ht 0.15–0.35 m. Alt 400–1800 m. M, KZN

glenense R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1000–1400 m. LIM, FS

gracile E.A.Bruce
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 50–1600 m. B, LIM, KZN

gracillimum R.A.Dyer
Dichaelia gracillima (R.A.Dyer) Bullock (2)
Perennial. Geophyte. Ht 0.35–0.45 m. Alt ± 1200 m. NW

grossartii Dinter = **B. arnotii**

gymnopodum (Schltr.) Bruyns
Ceropegia gymnopoda Schltr. (7)
Ceropegia pumila N.E.Br. (7)
Ceropegia pygmaea Schinz (7)
Perennial. Geophyte. Ht 50–120 mm. Alt 500–1600 m. N, B, LIM, NW, G

hirsutum E.Mey. = **Raphionacme hirsuta**

hirtellum Weimarck
B. pilosum R.A.Dyer (5)
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 1000–1300 m. LIM

huttonii (Harv.) N.E.Br.
Perennial. Geophyte. Ht 30–120 mm. Alt 300–1200 m. EC

incanum R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1300–1500 m. NW

inconspicuum S.Venter

Perennial. Herb. Ht 0.25–0.3 m. Alt 1100–1300 m. LIM

kerzneri Peckover
Perennial. Geophyte, spreading. Length 50–150 mm. Alt ± 50 m. EC

longifolium (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.1–0.3 m. Alt? M

luteum Peckover
Perennial. Geophyte. Ht 50–70 mm. Alt 400–700 m. EC

macropetalum (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.2–0.6 m. Alt 1200–1800 m. LIM, M

mafekingense N.E.Br. = **Ceropegia mafekingensis**

meyerianum Schltr.
Perennial. Geophyte. Ht 30–150 mm. Alt 1100–1600 m. EC

micranthum E.Mey.
Perennial. Geophyte. Ht 50–70 mm. Alt ± 1200 m. EC

minimum R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 300–600 m. EC

minor E.A.Bruce
Perennial. Geophyte. Ht 10–30 mm. Alt 1400–1600 m. LIM, M

modestum R.A.Dyer
Perennial. Geophyte. Ht 30–50 mm. Alt 300–700 m. KZN

molaventi Peckover & A.E.van Wyk
Perennial. Geophyte, creeping. Length 30–150 mm. Alt 1300–1350 m. KZN

montanum R.A.Dyer
Perennial. Geophyte. Ht 30–50 mm. Alt ± 2000 m. EC

nanum (Schltr.) N.E.Br.
Perennial. Geophyte. Ht 20–80 mm. Alt 1000–1400 m. NW, G, M, FS

natalense (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.25–0.5 m. Alt 600–800 m. KZN

ngomense R.A.Dyer
Perennial. Geophyte, creeping. Length 50–200 mm. Alt 1200–1300 m. KZN

nigrum R.A.Dyer = **B. gerrardii**

occidentale Schltr.
Perennial. Geophyte. Ht 30–80 mm. Alt 50–150 m. WC

oianthum Schltr.
Perennial. Geophyte. Ht 60–80 mm. Alt 1000–1600 m. LIM, M

pachypodium R.A.Dyer
Perennial. Geophyte. Ht 70–200 mm. Alt 1400–1600 m. LIM, M

pallidum (Schltr.) N.E.Br. = **B. circinatum**

parvulum R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 1000–1200 m. M

perditum R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 1800–2200 m. FS, KZN, L

petraeum R.A.Dyer
Perennial. Geophyte, creeping. Length 30–100 mm. Alt ± 1500 m. KZN

pilosum R.A.Dyer = **B. hirtellum**

praelongum S.Moore
Perennial. Geophyte. Ht 30–150 mm. Alt 1400–2000 m. FS, L

pulchellum (Harv.) Schltr.
Perennial. Geophyte, creeping. Length 50–250 mm. Alt 700–1000 m. KZN

pygmaeum (Schltr.) N.E.Br. subsp. **flavidum** (Schltr.) R.A.Dyer
B. flavidum Schltr. (2)
Perennial. Geophyte. Ht 40–80 mm. Alt 200–1600 m. M, KZN

pygmaeum (Schltr.) N.E.Br. subsp. **pygmaeum**
B. pygmaeum (Schltr.) N.E.Br. var. *breviflorum* (Schltr.) N.E.Br. (2)
Perennial. Geophyte. Ht 40–80 mm. Alt 800–1600 m. M, KZN, EC

pygmaeum (Schltr.) N.E.Br. var. *breviflorum* (Schltr.) N.E.Br. = **B. pygmaeum** subsp. **pygmaeum**

ramosissimum (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.1–0.15 m. Alt 1000–1300 m. NW, G, FS

recurvatum Bruyns
Perennial. Geophyte. Ht 60–300 mm. Alt 1300–1750 m. N

rehmannii Schltr. = **B. foetidum**

remotum R.A.Dyer
Perennial. Geophyte, creeping. Length 30–60 mm. Alt 1800–2300 m. M, KZN

ringens E.A.Bruce = **B. brevipedicellatum**

rubellum (E.Mey.) Peckover
Tenaris rostrata N.E.Br. (8)
Tenaris rubella E.Mey. (8)
Tenaris simulans N.E.Br. (8)
Tenaris volkensii K.Schum. (8)
Perennial. Geophyte. Ht 0.2–0.6 m. Alt 50–1300 m. M, S, KZN, EC

sandersonii (Oliv.) N.E.Br.
Dichaelia natalensis Schltr. (2)
Perennial. Herb. Ht 0.2–0.45 m. Alt 10–200 m. KZN, EC

schinzii (K.Schum.) N.E.Br.
Perennial. Geophyte. Ht 30–150 mm. Alt 1100–1800 m. N

schizoglossoides (Schltr.) N.E.Br.
Sisyranthus schizoglossoides N.E.Br. (1)
Perennial. Herb. Ht 50–250 mm. Alt 400–800 m. EC

schoenlandianum Schltr.
Perennial. Geophyte. Ht ± 50 mm. Alt ± 150 m. EC

schultzei (Schltr.) Bruyns
Tenaris schultzei (Schltr.) E.Phillips (7)
Perennial. Geophyte. Ht 50–200 mm. Alt 1200–1600 m. N, B

setosum Peckover
Perennial. Geophyte. Ht 30–50 mm. Alt 1600–2100 m. LIM, M

sinuatum E.Mey. = **Fockea sinuata**

stellatum E.A.Bruce & R.A.Dyer
Perennial. Geophyte. Ht 20–50 mm. Alt 1800–2200 m. M

stenophyllum (Schltr.) R.A.Dyer

Perennial. Geophyte. Ht 30–150 mm. Alt 1000–1600 m. N, NW, G, FS

swazicum R.A.Dyer
Perennial. Geophyte, creeping. Length 50–250 mm. Alt 1300–1600 m. M, S

tabularium R.A.Dyer
Perennial. Geophyte. Ht ± 200 mm. Alt ± 100 m. EC

tenellum R.A.Dyer
Perennial. Geophyte. Ht 20–50 mm. Alt 300–600 m. KZN

tenue R.A.Dyer
Perennial. Geophyte. Ht 60–100 mm. Alt 20–100 m. KZN

thunbergii N.E.Br.
Perennial. Geophyte. Ht 30–100 mm. Alt 200–1400 m. KZN, WC

tuberosum (Meerb.) R.Br. ex Sims
B. caudatum (Thunb.) N.E.Br. (4)
Perennial. Geophyte. Ht 50–150 mm. Alt 20–300 m. EC

vahrmeijeri R.A.Dyer
Perennial. Geophyte. Ht 60–100 mm. Alt 20–100 m. KZN

villosum (Schltr.) N.E.Br.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 500–1500 m. LIM, M, S, KZN

virgatum Dieter. = **Sisyranthus virgatus**

CALLICHILIA Stapf 6607000

(1) Codd. 1963. *FSA* 26: 272.
(2) Beentje. 1978. *Mededelingen Landbouwhogeschool Wageningen* 78-7: 1–32.
(3) Beentje. 1985. *FZ* 7,2: 449, 450.
(4) Von Breitenbach *et al.* 2001. *Pocket list of southern African indigenous trees*: 191.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 954.

orientalis S.Moore
Ephippiocarpa orientalis (S.Moore) Markgr. (2)
Perennial. Tree, shrub. Ht 0.2–3 m. Alt 10–120 m. KZN

*CALOTROPIS R.Br. 6792000

(1) Rahman & Wilcock. 1991. *Nordic Journal of Botany* 11: 301–308.

procera (Aiton) R.Br.
Asclepias procera Aiton (1)
Perennial. Shrub or small tree. Ht 1–4 m. Alt? NW

CANAHIA Steud. 6780010

laniflora Steud. = **Kanahia laniflora**

CARALLUMA R.Br. 6884000

(1) Bruyns. 1999. *Botanische Jahrbücher* 121: 311–402.

acutiloba N.E.Br. = **Quaqua acutiloba**

albocastanea (Marloth) L.C.Leach = **Orbea albocastanea**

aperta (Masson) N.E.Br. = **Tromotriche aperta**

arenicola N.E.Br. = **Quaqua arenicola** subsp. **arenicola**

armata N.E.Br. = **Quaqua armata** subsp. **armata**

atrosanguinea (N.E.Br.) N.E.Br. = **Piaranthus atrosanguineus**

aurea C.A.Lückh. = **Quaqua aurea**

ausana Dinter & A.Berger = **Quaqua incarnata** subsp. **hottentotorum**

bredae R.A.Dyer var. *bredae* = **Orbea miscella**

bredae R.A.Dyer var. *thomallae* R.A.Dyer = **Orbea miscella**

carnosa Stent = **Orbea carnosa** subsp. **carnosa**

caudata N.E.Br. subsp. *rhodesiaca* L.C.Leach = **Orbea caudata** subsp. **rhodesiaca**

caudata N.E.Br. var. *milleri* Nel = **Orbea caudata** subsp. **rhodesiaca**

chlorantha Schltr. (insufficiently known, probably a hybrid)
Perennial. Succulent. Ht? Alt? WC

cincta C.A.Lückh. = **Quaqua cincta**

dependens N.E.Br. = **Quaqua parviflora** subsp. **dependens**

ericeta Nel = **Quaqua parviflora** subsp. **gracilis**

fosteri Pillans = **Orbea carnosa** subsp. **keithii**

framesii Pillans = **Quaqua framesii**

gerstneri Letty = **Orbea gerstneri** subsp. **gerstneri**

gerstneri Letty subsp. *elongata* R.A.Dyer = **Orbea gerstneri** subsp. **elongata**

gracilis C.A.Lückh. = **Quaqua parviflora** subsp. **gracilis**

grandidens I.Verd. = **Orbea maculata** subsp. **maculata**

hottentotorum (N.E.Br.) N.E.Br. = **Quaqua incarnata** subsp. **hottentotorum**

incarnata (L.f.) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**

incarnata (L.f.) N.E.Br. var. *alba* (G.Don) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**

intermedia (N.E.Br.) Schltr. (insufficiently known)
Stapelia intermedia N.E.Br. (1)
Perennial. Succulent. Ht? Alt? WC

inversa N.E.Br. = **Quaqua inversa**

kalaharica Nel in A.C.White & B.Sloane = **Orbea knobelii**

keithii R.A.Dyer = **Orbea carnosa** subsp. **keithii**

knobelii (E.Phillips) E.Phillips = **Orbea knobelii**

langii A.C.White & B.Sloane = **Orbea knobelii**

lateritia N.E.Br. = **Orbea lutea** subsp. **lutea**

leendertziae N.E.Br. = **Orbea melanantha**

linearis N.E.Br. = **Quaqua linearis**

longicuspis N.E.Br. = **Orbea lugardii**

longipes N.E.Br. = **Pectinaria longipes** subsp. **longipes**

longipes N.E.Br. var. *villetii* C.A.Lückh. = **Pectinaria longipes** subsp. **villetii**

lugardii N.E.Br. = **Orbea lugardii**

lutea N.E.Br. = **Orbea lutea** subsp. **lutea**

lutea N.E.Br. subsp. *vaga* (N.E.Br.) L.C.Leach = **Orbea lutea** subsp. **vaga**

lutea N.E.Br. var. *lateritia* (N.E.Br.) Nel = **Orbea lutea** subsp. **lutea**

maculata N.E.Br. = **Orbea maculata** subsp. **maculata**

maculata N.E.Br. var. *brevidens* H.Huber = **Orbea maculata** subsp. **rangeana**

mammillaris (L.) N.E.Br. = **Quaqua mammillaris**

marlothii N.E.Br. = **Quaqua marlothii**

marlothii N.E.Br. var. *viridis* E.Lamb = **Quaqua marlothii**

maughani R.A.Dyer = **Pectinaria maughanii**

melanantha (Schltr) N.E.Br. = **Orbea melanantha**

multiflora R.A.Dyer = **Quaqua multiflora**

nebrownii A.Berger = **Orbea lutea** subsp. **vaga**

nebrownii A.Berger var. *discolor* Nel = **Orbea lutea** subsp. **vaga**

nebrownii A.Berger var. *pseudonebrownii* (Dinter) A.C.White & B.Sloane = **Orbea lutea** subsp. **vaga**

ortholoba Lavranos = **Quaqua acutiloba**

parviflora (Masson) N.E.Br. = **Quaqua parviflora** subsp. **parviflora**

peschii Nel
Perennial. Succulent. Ht 20–150 mm. Alt 1000–1300 m. N

pillansii N.E.Br. = **Quaqua pillansii**

pruinosa (Masson) N.E.Br. = **Quaqua pruinosa**

pruinosa (Masson) N.E.Br. var. *nigra* C.A.Lückh. = **Quaqua pruinosa**

pseudonebrownii Dinter = **Orbea lutea** subsp. **vaga**

ramosa (Masson) N.E.Br. = **Quaqua ramosa**

rangeana Dinter & A.Berger = **Orbea maculata** subsp. **rangeana**

reflexa C.A.Lückh. = **Quaqua parviflora** subsp. **dependens**

rogersii (L.Bolus) E.A.Bruce & R.A.Dyer = **Orbea rogersii**

rubiginosa Werderm. = **Orbea melanantha**

schweickerdtii Oberm. = **Orbea carnosa** subsp. **keithii**

schweinfurthii A.Berger = **Orbea schweinfurthii**

serpentina Nel = **Notechidnopsis tessellata**

simulans N.E.Br. = **Quaqua marlothii**

swanepoelii Lavranos = **Quaqua parviflora** subsp. **swanepoelii**

tessellata Pillans = **Notechidnopsis tessellata**

tsumebensis Oberm. = **Orbea huillensis** subsp. **huillensis**

ubomboensis I.Verd. = **Orbea ubomboensis**

umdausensis Nel = **Tromotriche umdausensis**

vaga (N.E.Br.) A.C.White & B.Sloane = **Orbea lutea** subsp. **vaga**

valida N.E.Br. = **Orbea valida** subsp. **valida**

vansonii Bremek. & Oberm. = **Orbea lutea** subsp. **lutea**

villetii C.A.Lückh. = **Quaqua inversa**

virescens C.A.Lückh. = **Quaqua parviflora** subsp. **parviflora**

wilfriedii Dinter, naked name = **Quaqua acutiloba**

winkleriana (Dinter) A.C.White & B.Sloane = **Quaqua mammillaris**

CARISSA L. 6559000

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 226.
(2) Codd. 1963. *FSA* 26: 250–258.
(3) Kupicha. 1985. *FZ* 7,2: 398–404.
(4) Leeuwenberg & Van Dilst. 2001. *Wageningen University Papers* 2001-1: 3–109.

bispinosa (L.) Desf. ex Brenan
C. bispinosa (L.) Desf. ex Brenan subsp. *zambesiensis* Kupicha (4)
C. bispinosa (L.) Desf. ex Brenan var. *acuminata* (E.Mey.) Codd (4)
C. haematocarpa (Eckl.) A.DC. (4)
C. wyliei N.E. Br. (4)
Perennial. Shrub. Ht 0.2–5.5 m. Alt 0–2050 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

bispinosa (L.) Desf. ex Brenan subsp. *zambesiensis* Kupicha = **C. bispinosa**

bispinosa (L.) Desf. ex Brenan var. *acuminata* (E.Mey.) Codd = **C. bispinosa**

edulis Vahl
Azima pubescens Suess. (2)
Perennial. Shrub. Ht 1–5.5 m. Alt 300–1950 m. N, B, LIM, M

grandiflora (E.Mey.) A.DC. = **C. macrocarpa**

haematocarpa (Eckl.) A.DC. = **C. bispinosa**

macrocarpa (Eckl.) A.DC.
C. grandiflora (E.Mey.) A.DC. (2)
Perennial. Shrub. Ht 1–4 m. Alt 0–500 m. KZN, WC, EC

tetramera (Sacleux) Stapf
Perennial. Shrub. Ht 0.2–3 m. Alt 0–550 m. LIM, M, S, KZN

wyliei N.E.Br. = **C. bispinosa**

CARUNCULARIA Haw. 6885200

aperta (Masson) Sweet = **Tromotriche aperta**

pedunculata (Masson) Haw. = **Tromotriche pedunculata**

*CATHARANTHUS G.Don 6597000

(1) Codd. 1963. *FSA* 26: 267, 268.
(2) Plaizier. 1985. *FZ* 7,2: 453–456.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 45.
(4) Van Bergen. 1996. *Wageningen Agricultural University Papers* 96-3: 3–46.

roseus (L.) G.Don
Lochnera rosea (L.) Rchb. ex Endl. (1)
Perennial. Shrub, herb. Ht 0.3–0.7 m. Alt 0–1550 m. N, LIM, NW, G, M, S, KZN, WC, EC

CEROPEGIA L. 6874000

(1) Huber. 1957. *Boletim da Sociedade Broteriana* 12: 1–203.
(2) Dyer. 1980. *FSA* 27: 43–82.
(3) Field. 1981. *Kew Bulletin* 36: 441–450.
(4) Field. 1982. *Kew Bulletin* 37: 305–313.
(5) Bruyns. 1984. *Dinteria* 17: 1–61.
(6) Bruyns. 1985. *Bradleya* 3: 1–47.
(7) Bruyns. 2000. In Goldblatt & Manning, *Strelitzia* 9: 280–290.

africana R.Br. subsp. **africana**
Perennial. Succulent, climber. Ht 0.1–0.6 m. Alt 200–1000 m. KZN, WC, EC

africana R.Br. subsp. **barklyi** Bruyns
C. barkleyi Hook.f. (5)
C. barkleyi Hook.f. var. *tugelensis* N.E.Br. (2)
Perennial. Succulent, climber, geophyte. Ht 0.05–0.5 m. Alt 300–1200 m. M, KZN, WC, EC

ampliata E.Mey. var. **ampliata**
Perennial. Succulent, climber. Ht 0.3–2 m. Alt 50–1100 m. LIM, M, S, KZN, WC?, EC

antennifera Schltr.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? KZN

apiculata Schltr. = **C. lugardiae**

arenaria R.A.Dyer
Perennial. Succulent, climber, creeper. Length 1–5 m. Alt 5–50 m. KZN

assimilis N.E.Br. = **C. cancellata**

barbata R.A.Dyer
Perennial. Climber. Ht 0.2–0.6 m. Alt 150–900 m. WC, EC

barbertonensis N.E.Br. = **C. linearis** subsp. **woodii**

barkleyi Hook.f. = **C. africana** subsp. **barklyi**

barkleyi Hook.f. var. *tugelensis* N.E.Br. = **C. africana** subsp. **barklyi**

boerhaaviifolia Schinz, not of Deflers = **C. pachystelma** subsp. **pachystelma**

bonafouxii K.Schum.
Perennial. Climber with tuber. Ht 1–3 m. Alt ± 1000 m. N

boussingaultiflora Dinter = **C. nilotica** var. **nilotica**

bowkeri Harv. subsp. **bowkeri**
Perennial. Herb. Ht 0.15–0.4 m. Alt 200–600 m. EC

bowkeri Harv. subsp. **sororia** (Harv. ex Hook.f.) R.A.Dyer
C. sororia Harv. ex Hook.f. (2)
Perennial. Herb. Ht 0.15–0.4 m. Alt 200–1300 m. WC, EC

brachysiphon H.Huber = **Riocreuxia aberrans**

caffrorum Schltr. = **C. linearis** subsp. **linearis**

caffrorum Schltr. var. *dubia* N.E.Br. = **C. linearis** subsp. **linearis**

cancellata Rchb.
C. assimilis N.E.Br. (2)
Perennial. Succulent, climber. Ht 0.15–1 m. Alt 100–600 m. EC

carnosa E.Mey.
C. racemosa N.E.Br. subsp. *setifera* (Schltr.) H.Huber (7)
C. setifera Schltr. (7)
Perennial. Climber. Ht 0.5–5 m. Alt 50–1600 m. N, LIM, M, S, KZN, EC

cimiciodora Oberm.
Perennial. Succulent, climber. Ht 0.5–3 m. Alt 50–700 m. LIM, S, KZN

connivens R.A.Dyer forma *angustata* R.A.Dyer = **C. fimbriata** subsp. **connivens**

connivens R.A.Dyer forma *connivens* = **C. fimbriata** subsp. **connivens**

conrathii Schltr.
Perennial. Geophytic succulent. Ht 30–100 mm. Alt 50–1500 m. G, FS, KZN

constricta N.E.Br. = **C. nilotica** var. **nilotica**

craibii J.E.Victor
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? KZN

crassifolia Schltr. var. **crassifolia**
C. crispata N.E.Br. (1)
C. thorncroftii N.E.Br. (1)
C. tuberculata Dinter (1)
Perennial. Succulent climber. Ht 0.5–3 m. Alt 150–1300 m. LIM, NW, G, M, S, KZN, EC

crispata N.E.Br. = **C. crassifolia** var. **crassifolia**

cycniflora R.A.Dyer
Perennial. Succulent climber. Ht 1–3 m. Alt ± 1000 m. KZN

cyrtoidea Werderm. = **C. lugardiae**

decidua E.A.Bruce subsp. **decidua**
Perennial. Geophytic succulent to succulent climber. Ht 0.05–1 m. Alt ?–1200 m. LIM, G, S

decidua E.A.Bruce subsp. **pretoriensis** R.A.Dyer
Perennial. Geophytic succulent to succulent climber. Ht 20–300 mm. Alt 1000–1800 m. G, M

dinteri Schltr.
Perennial. Geophyte. Ht 0.15–0.5 m. Alt 1000–1500 m. N

distincta N.E.Br. subsp. *haygarthii* (Schltr.) H.Huber = **C. haygarthii**

distincta N.E.Br. subsp. *lugardae* (N.E.Br.) H.Huber = **C. lugardiae**

distincta N.E.Br. subsp. **verruculosa** R.A.Dyer
Perennial. Succulent climber. Ht 1–5 m. Alt 500–900 m. M

dubia R.A.Dyer
Perennial. Climber. Ht? Alt? EC?

estelleana R.A.Dyer = **C. fimbriata** subsp. **fimbriata**

filiformis (Burch.) Schltr.
C. infundibuliformis E.Mey. (1)
Perennial. Climber. Ht 0.3–1 m. Alt 900–1700 m. N, FS, NC, EC

fimbriata E.Mey. subsp. **connivens** (R.A.Dyer) Bruyns
C. connivens R.A.Dyer forma *angustata* R.A.Dyer (6)
C. connivens R.A.Dyer forma *connivens* (6)
Perennial. Climber. Ht 0.3–1 m. Alt 200–500 m. WC

fimbriata E.Mey. subsp. **fimbriata**
C. estelleana R.A.Dyer (2)
Perennial. Succulent climber. Ht 0.3–1 m. Alt 300–500 m. EC

fimbriata E.Mey. subsp. **geniculata** (R.A.Dyer) Bruyns
C. geniculata R.A.Dyer (6)
Perennial. Succulent climber. Ht 0.3–1 m. Alt 500–1200 m. WC, EC

flanaganii (Schltr.) H.Huber var. *alexandrina* H.Huber = **Riocreuxia alexandrina**

flanaganii (Schltr.) H.Huber var. *fallax* H.Huber = **Riocreuxia woodii**

flanaganii (Schltr.) H.Huber var. *flanaganii* = **Riocreuxia flanaganii**

floribunda N.E.Br.
Perennial. Succulent climber. Ht 0.5–2 m. Alt 1000–? m. N, B

fortuita R.A.Dyer
Perennial. Succulent climber. Ht 20–200 mm. Alt 200–? m. M, KZN

geniculata R.A.Dyer = **C. fimbriata** subsp. **geniculata**

grandis E.A.Bruce = **C. nilotica** var. **nilotica**

gymnopoda Schltr. = **Brachystelma gymnopodum**

hastata N.E.Br. = **C. linearis** subsp. **woodii**

haygarthii Schltr.
C. distincta N.E.Br. subsp. *haygarthii* (Schltr.) H.Huber (3)
C. tristis Hutch. (1)
Perennial. Succulent, climber. Ht 1–5 m. Alt 150–800 m. LIM, M, KZN, EC

infundibuliformis E.Mey. = **C. filiformis**

insignis R.A.Dyer
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 1000–1100 m. NW

kwebensis N.E.Br. = **C. purpurascens** subsp. **purpurascens**

linearis E.Mey. subsp. **linearis**
C. caffrorum Schltr. (1)
C. caffrorum Schltr. var. *dubia* N.E.Br. (1)
Perennial. Succulent, climber. Ht 0.1–1 m. Alt 20–1000 m. S, KZN, EC

linearis E.Mey. subsp. **tenuis** (N.E.Br.) Bruyns
C. tenuis N.E.Br. (6)
Perennial. Succulent climber. Ht 0.1–0.6 m. Alt 10–500 m. EC

linearis E.Mey. subsp. **woodii** (Schltr.) H.Huber
C. barbertonensis N.E.Br. (1)
C. hastata N.E.Br. (1)
C. schoenlandii N.E.Br. (1)
C. woodii Schltr. (1)
Perennial. Succulent climber. Ht 0.1–1 m. Alt 50–1600 m. LIM, M, S, KZN, WC, EC

lugardiae N.E.Br.
C. apiculata Schltr. (1)
C. cyrtoidea Werderm. (1)
C. distincta N.E.Br. subsp. *lugardae* (N.E.Br.) H.Huber (2)
Perennial. Succulent climber. Ht 1–10 m. Alt 900–1300 m. N, B

mafekingensis (N.E.Br.) R.A.Dyer
Brachystelma mafekingense N.E.Br. (2)
C. patriciae Rauh & Buchloh (2)
Perennial. Geophyte. Ht 20–60 mm. Alt 1000–1600 m. N, B, NW, G

meyeri Decne.
C. pubescens E.Mey., not of Wall. (1)
Perennial. Climber with tuber. Ht 0.5–2 m. Alt 300–1300 m. M, KZN, EC

monteiroae Hook.f. = **C. sandersonii**

mozambicensis Schltr. = **C. nilotica** var. **nilotica**

multiflora Baker subsp. **multiflora**
C. multiflora Baker var. *latifolia* N.E.Br. (1)
Perennial. Succulent climber. Ht 0.5–2 m. Alt 900–1500 m. NW, M, G, FS, NC

multiflora Baker subsp. **tentaculata** (N.E.Br.) H.Huber
C. tentaculata N.E.Br. (1)
Perennial. Succulent climber. Ht 0.5–2 m. Alt 800–1600 m. N, B, LIM

multiflora Baker var. *latifolia* N.E.Br. = **C. multiflora** subsp. **multiflora**

nilotica Kotschy var. **nilotica**
C. boussingaultiflora Dinter (1)
C. constricta N.E.Br. (1)
C. grandis E.A.Bruce (1)
C. mozambicensis Schltr. (1)
C. plicata E.A.Bruce (1)
Perennial. Succulent climber. Ht 1–5 m. Alt 50–1500 m. N, B, LIM, M, KZN

obscura N.E.Br. = **C. pachystelma** subsp. **pachystelma**

occidentalis R.A.Dyer
Perennial. Succulent climber. Ht 20–200 mm. Alt 5–1200 m. N, NC, WC

occulta R.A.Dyer
Perennial. Succulent climber. Ht 20–300 mm. Alt 200–700 m. WC

pachystelma Schltr. subsp. **pachystelma**
C. boerhaaviifolia Schinz, not of Deflers (2)
C. obscura N.E.Br. (2)
C. undulata N.E.Br. (2)
Perennial. Succulent climber. Ht 0.5–3 m. Alt 100–1600 m. N, B, LIM, NW, M, KZN, NC

paricyma N.E.Br.
Perennial. Climber with tuber. Ht 1–3 m. Alt ± 1000 m. N

patersoniae N.E.Br. = **C. zeyheri**

patriciae Rauh & Buchloh = **C. mafekingensis**

picta (Schltr.) H.Huber = **Riocreuxia picta**

plicata E.A.Bruce = **C. nilotica** var. **nilotica**

pubescens E.Mey., not of Wall. = **C. meyeri**

pumila N.E.Br. = **Brachystelma gymnopodum**

purpurascens K.Schum. subsp. **purpurascens**
C. kwebensis N.E.Br. (1)
Perennial. Climber with tuber. Ht 0.5–3 m. Alt 900–1200 m. N, B

pygmaea Schinz = **Brachystelma gymnopodum**

racemosa N.E.Br. subsp. *setifera* (Schltr.) H.Huber = **C. carnosa**

radicans Schltr. subsp. **radicans**
Perennial. Succulent creeper. Length 1–3 m. Alt 100–500 m. EC

radicans Schltr. subsp. **smithii** (M.R.Hend.) R.A.Dyer
C. radicans Schltr. var. *smithii* (M.R.Hend.) H.Huber (2)
C. smithii M.R.Hend. (1)
Perennial. Succulent creeper. Length 1–3 m. Alt 100–300 m. EC

radicans Schltr. var. *smithii* (M.R.Hend.) H.Huber = **C. radicans** subsp. **smithii**

rendallii N.E.Br.
Perennial. Succulent climber. Ht 0.1–1 m. Alt ?–1300 m. LIM, G, S, KZN

rudatisii Schltr.
Perennial. Herb. Ht 0.15–0.5 m. Alt? KZN

sandersonii Decne. ex Hook.f.
C. monteiroae Hook.f. (1)
Perennial. Succulent climber, creeper. Length 1–3 m. Alt 5–1000 m. KZN, EC

scabriflora N.E.Br.
Perennial. Herb. Ht 0.15–0.5 m. Alt 300–1400 m. G, KZN

schoenlandii N.E.Br. = **C. linearis** subsp. **woodii**

serpentina E.A.Bruce = **C. stapeliiformis** subsp. **serpentina**

setifera Schltr. = **C. carnosa**

smithii M.R.Hend. = **C. radicans** subsp. **smithii**

sororia Harv. ex Hook.f. = **C. bowkeri** subsp. **sororia**

stapeliiformis Haw. subsp. **serpentina** (E.A.Bruce) R.A.Dyer

C. serpentina E.A.Bruce (2)
Perennial. Succulent climber. Length 0.5–3 m. Alt 5–1700 m. LIM, G, M, S, KZN

stapeliiformis Haw. subsp. **stapeliiformis**
Perennial. Succulent climber. Length 0.5–1.5 m. Alt 200–800 m. EC

stenantha K.Schum.
Perennial. Succulent climber. Ht 0.5–2 m. Alt 50–1200 m. N, B, KZN

stenoloba Hochst. ex Chiov. var. *australis* H.Huber = **C. stenoloba** var. **stenoloba**

stenoloba Hochst. ex Chiov. var. **stenoloba**
C. stenoloba Hochst. ex Chiov. var. *australis* H.Huber (2)
Perennial. Climber with tuber. Ht 0.5–2 m. Alt 1000–1400 m. N

stentiae E.A.Bruce
Perennial. Geophyte. Ht 30–80 mm. Alt 1000–1300 m. LIM, NW

tentaculata N.E.Br. = **C. multiflora** subsp. **tentaculata**

tenuis N.E.Br. = **C. linearis** subsp. **tenuis**

thorncroftii N.E.Br. = **C. crassifolia** var. **crassifolia**

swaziorum D.V.Field
Perennial. Herbaceous climber with tuber. Ht 0.5–1 m. Alt ± 1000 m. S

tomentosa Schltr.
Perennial. Herb. Ht 0.15–0.5 m. Alt ?–500 m. EC

tristis Hutch. = **C. haygarthii**

tuberculata Dinter = **C. crassifolia** var. **crassifolia**

turricula E.A.Bruce
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 800–1400 m. LIM, G, M

undulata N.E.Br. = **C. pachystelma** subsp. **pachystelma**

woodii Schltr. = **C. linearis** subsp. **woodii**

zeyheri Schltr.
C. patersoniae N.E.Br. (1)
Perennial. Succulent climber. Ht 0.3–1 m. Alt 300–1100 m. WC, EC

CHLOROCODON Hook.f. 6729010

whitei Hook.f. = **Mondia whitei**

CHLOROCYATHUS Oliv. 6731000

monteiroae Oliv. = **Raphionacme monteiroae**

CONOPHARYNGIA G.Don 6603010

elegans (Stapf) Stapf = **Tabernaemontana elegans**

ventricosa (Hochst. ex DC.) Stapf = **Tabernaemontana ventricosa**

CORDYLOGYNE Lindl. = **Cordylogyne** E.Mey.

CORDYLOGYNE E.Mey. 6783000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

argillicola Dinter = **Periglossum angustifolium**

globosa E.Mey.
Perennial. Paludophytic geophyte. Ht 120–765 mm. Alt 1000–2000 m. NW, G, M, FS, KZN, L, NC, EC

kassnerianum (Schltr.) Eyles = **Periglossum mackenii**

mossambicense (Schltr.) Eyles = **Periglossum mackenii**

CRYPTOLEPIS R.Br. 6740000

(1) Brown. 1907. *FC* 4: 526–530.
(2) Bullock. 1956. *Kew Bulletin* 11: 279–283.
(3) Venter & Verhoeven. 1997. *Taxon* 46: 705–720.
(4) Venter. In press. *South African Journal of Botany*.

acutifolia (Sond.) N.E.Br. = **C. oblongifolia**

arenicola Dinter = **C. oblongifolia**

capensis Schltr.
Perennial. Climber. Ht up to 2 m. Alt 10–1400 m. LIM, M, S, KZN, EC

cryptolepioides (Schltr.) Bullock
C. transvaalensis Schltr. (2)
Ectadiopsis cryptolepioides Schltr. (2)
Perennial. Shrub, climber. Ht up to 5 m. Alt 100–1900 m. LIM, NW, G, M, S?, KZN

decidua (Planch. ex Hook.f. & Benth.) N.E.Br.
Curroria decidua Planch. ex Hook.f. & Benth. subsp. *decidua* (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 0–2000 m. N, B, NC

delagoensis Schltr.
Perennial. Climber. Ht 2–3 m. Alt 50–800 m. M, KZN

monteiroae Oliv. = **Stomatostemma monteiroae**

oblongifolia (Meisn.) Schltr.
C. acutifolia (Sond.) N.E.Br. (3)
C. arenicola Dinter (4)
Ectadiopsis acutifolia (Sond.) Benth. (1)
Ectadiopsis oblongifolia (Meisn.) Benth. (1)
Ectadium oblongifolium Meisn. (1)
Perennial. Shrub, scrambler. Ht 0.2–2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, KZN

obtusa N.E.Br.
Perennial. Climber. Ht up to 4 m. Alt 70–600 m. LIM, M, S, KZN

transvaalensis Schltr. = **C. cryptolepioides**

CURRORIA Planch. ex Hook.f. & Benth. 6739000

decidua Planch. ex Hook.f. & Benth. subsp. *decidua* = **Cryptolepis decidua**

CYNANCHUM L. 6834000

(1) Liede. 1993. *Botanische Jahrbücher* 114: 503–550.
(2) Bruyns. 1997. *South African Journal of Botany* 63: 241.

acuminatum Thunb. = **Pentatropis capensis**

africanum (L.) Hoffmanns.
C. crassifolium R.Br. (1)
C. intermedium N.E.Br. (1)
C. pilosum R.Br. (1)
C. rotundifolium Thunb. ex Decne. (1)
Perennial. Climber. Ht 0.6–1 m. Alt 0–700 m. NC, WC, EC

aphyllum (Thunb.) Schltr. = **Sarcostemma viminale** subsp. **viminale**

capense L.f. = **Pentatropis capensis**

capense R.Br. = **C. obtusifolium**

capense Thunb. = **C. ellipticum**

crassifolium R.Br. = **C. africanum**

dregeanum Decne. = **C. obtusifolium**

ellipticum (Harv.) R.A.Dyer
C. capense Thunb. (2)
Perennial. Climber. Ht 1–10 m. Alt 0–1300 m. LIM, NW, KZN, WC, EC

intermedium N.E.Br. = **C. africanum**

gerrardii (Harv.) Liede
C. sarcostemmatoides K.Schum. (1)
Perennial. Succulent, climber. Ht 0.5–2 m. Alt 5–1000 m. M, S, KZN, EC

meyeri (Decne.) Schltr.
Perennial. Shrub or creeper. Ht 200–500 mm. Alt 20–200 m. N, NC

mossambicense K.Schum.
Perennial. Climber. Ht 1–3 m. Alt 300–500 m. LIM, M, S

natalitium Schltr.
Perennial. Climber. Ht 300–500 mm. Alt 0–60 m. KZN, WC, EC

obtusifolium L.f.
C. capense R.Br. (1)
C. dregeanum Decne. (1)
Cynoctonum brownii Meisn. (1)
Perennial. Climber. Ht 2–10 m. Alt 0–250 m. KZN, WC, EC

omissum Bullock = **Fockea angustifolia**

orangeanum (Schltr.) N.E.Br.
Flanagania orangeana Schltr. (1)
Perennial. Herb. Ht 100–300 mm. Alt 1000–1500 m. N, B, NW, FS, NC, EC

pilosum R.Br. = **C. africanum**

rotundifolium Thunb. ex Decne. = **C. africanum**

sarcostemmatoides K.Schum. = **C. gerrardii**

schistoglossum Schltr.
Perennial. Climber. Ht 1–10 m. Alt 50–500 m. N, B, M, KZN

validum N.E.Br.
Schizostephanus alatus Hochst. ex K.Schum. (1)
Perennial. Climber to herb. Ht up to 1 m. Alt 600–800 m. LIM, M

virens (E.Mey.) D.Dietr.
Cynoctonum virens E.Mey. (1)
Perennial. Climber. Ht 0.5–2 m. Alt 1200–2000 m. NW, G, FS, L, EC

zeyheri Schltr.
Perennial. Herb or creeper. Ht 100–200 mm. Alt 0–300 m. WC

CYNOCTONUM E.Mey. 6834020

brownii Meisn. = **Cynanchum obtusifolium**

capense (L.f.) E.Mey. = **Pentatropis capensis**

virens E.Mey. = **Cynanchum virens**

DAEMIA R.Br. 6852000

extensa R.Br. = **Pergularia daemia** var. **daemia**

DECABELONE Decne. 6880010

barklyi T.-Dyer = **Tavaresia barklyi**

grandiflora Dinter = **Tavaresia barklyi**

meintjesii (R.A.Dyer) G.D.Rowley = **Tavaresia meintjesii**

DICHAELIA Harv. 6870030

barberae (Harv. ex Hook.f.) Bullock = **Brachystelma barberae**

circinata (E.Mey.) Schltr. = **Brachystelma circinatum**

elongata Schltr. = **Brachystelma elongatum**

gerrardii Harv. = **Brachystelma gerrardii**

gracillima (R.A.Dyer) Bullock = **Brachystelma gracillimum**

natalensis Schltr. = **Brachystelma sandersonii**

DIPLOCYATHA N.E.Br. 6888000

ciliata (Thunb.) N.E.Br. = **Orbea ciliata**

DIPLORHYNCHUS Welw. ex Ficalho & Hiern 6589000

(1) Codd. 1963. *FSA* 26: 264–267.
(2) Plaizier. 1985. *FZ* 7,2: 451–453.

condylocarpon (Müll.Arg.) Pichon
Perennial. Tree, shrub. Ht 1–9 m. Alt 320–1600 m. N, B, LIM, NW, G, M

DREGEA E.Mey. 6914000

floribunda E.Mey. = **Marsdenia floribunda**

macrantha Klotzsch = **Marsdenia macrantha**

DUVALIA Haw. 6883000

(1) Bayer. 1977. *Bulletin of the African Succulent Plant Society* 12: 25–27.
(2) Meve. 1997. *The genus* Duvalia *(Stapelieae).*

angustiloba N.E.Br.
Perennial. Succulent. Ht ± 30 mm. Alt 800–1700 m. WC, EC

caespitosa (Masson) Haw. var. **caespitosa**
D. emiliana A.C.White (2)
D. hirtella (Jacq.) Sweet (2)
D. propinqua A.Berger (2)
D. radiata (Sims) Haw. var. *radiata* (2)
D. reclinata (Masson) Haw. (2)
D. replicata (Jacq.) Sweet (2)
Stapelia caespitosa Masson. var. *caespitosa* (2)
Stapelia caespitosa Masson var. *hirtella* (Jacq.) Loud. (2)
Stapelia hirtella Jacq. (2)
Stapelia radiata Sims (2)
Stapelia reclinata Masson (2)
Stapelia replicata Jacq. (2)
Perennial. Succulent. Ht 15–130 mm. Alt 100–1400 m. FS, NC, WC, EC

caespitosa (Masson) Haw. var. **compacta** (Haw.) Meve
D. compacta Haw. (2)
D. mastodes (Jacq.) Sweet (2)
Stapelia compacta Schult. (2)
Stapelia mastodes Jacq. (2)
Perennial. Succulent. Ht 15–90 mm. Alt 50–1100 m. WC, EC

compacta Haw. = **D. caespitosa** var. **compacta**

corderoyi (Hook.f.) N.E.Br.
Stapelia corderoyi Hook.f. (2)
Perennial. Succulent. Ht 12–45 mm. Alt 1000–1600 m. FS, NC, WC, EC

dentata N.E.Br. = **D. polita**

elegans (Masson) Haw.
D. elegans (Masson) Haw. var. *seminuda* N.E.Br. (2)
D. jacquiniana (Schult.) Sweet (2)

Stapelia elegans Masson (2)
Stapelia radiata Jacq. (2)
Perennial. Succulent. Ht 20–60 mm. Alt 150–300 m. WC

elegans (Masson) Haw. var. *namaquana* N.E.Br. = **D. pubescens**

elegans (Masson) Haw. var. *seminuda* N.E.Br. = **D. elegans**

emiliana A.C.White = **D. caespitosa** var. **caespitosa**

gracilis Meve
Perennial. Succulent. Ht 0.1–0.4 m. Alt 1300–1600 m. EC

hirtella (Jacq.) Sweet = **D. caespitosa** var. **caespitosa**

immaculata (C.A.Lückh.) Bayer ex L.C.Leach
D. maculata N.E.Br. var. *immaculata* C.A.Lückh. (2)
Perennial. Succulent. Ht up to 50 mm. Alt 50–150 m. WC

jacquiniana (Schult.) Sweet = **D. elegans**

maculata N.E.Br.
D. minuta Nel (2)
Perennial. Succulent. Ht ± 30 mm. Alt 700–2100 m. N, FS, NC, WC, EC

maculata N.E.Br. var. *immaculata* C.A.Lückh. = **D. immaculata**

mastodes (Jacq.) Sweet = **D. caespitosa** var. **compacta**

minuta Nel = **D. maculata**

modesta N.E.Br.
Perennial. Succulent. Ht 10–40 mm. Alt 150–1700 m. EC

parviflora N.E.Br.
Perennial. Succulent. Ht 10–25 mm. Alt 300–600 m. WC

pillansii N.E.Br.
D. pillansii N.E.Br. var. *albanica* N.E.Br. (2)
Perennial. Succulent. Ht ± 30 mm. Alt 150–750 m. EC

pillansii N.E.Br. var. *albanica* N.E.Br. = **D. pillansii**

polita N.E.Br.
D. dentata N.E.Br. (2)
D. polita N.E.Br. var. *parviflora* (L.Bolus) A.C.White & B.Sloane, illegitimate combination (2)
D. polita N.E.Br. var. *transvaalensis* (Schltr.) A.C.White & B.Sloane (2)
D. transvaalensis Schltr. (2)
D. transvaalensis Schltr. var. *parviflora* L.Bolus (2)
Perennial. Succulent. Ht 20–100 mm. Alt 1000–1600 m. N, B, LIM, NW, G, M, S, KZN, NC

polita N.E.Br. var. *parviflora* (L.Bolus) A.C.White & B.Sloane, illegitimate combination = **D. polita**

polita N.E.Br. var. *transvaalensis* (Schltr.) A.C.White & B.Sloane = **D. polita**

procumbens R.A.Dyer = **Huernia procumbens**

propinqua A.Berger = **D. caespitosa** var. **caespitosa**

pubescens N.E.Br.
D. elegans (Masson) Haw. var. *namaquana* N.E.Br. (2)
D. pubescens N.E.Br. var. *major* N.E.Br. (2)
Perennial. Succulent. Ht up to 50 mm. Alt 650–1400 m. N, NC

pubescens N.E.Br. var. *major* N.E.Br. = **D. pubescens**

radiata (Sims) Haw. var. *radiata* = **D. caespitosa** var. **caespitosa**

reclinata (Masson) Haw. = **D. caespitosa** var. **caespitosa**

replicata (Jacq.) Sweet = **D. caespitosa** var. **caespitosa**

transvaalensis Schltr. = **D. polita**

transvaalensis Schltr. var. *parviflora* L.Bolus = **D. polita**

vestita Meve
Perennial. Succulent. Ht ± 30 mm. Alt 50–250 m. WC

ECHIDNOPSIS Hook.f. 6877000

columnaris (Nel) R.A.Dyer & D.S.Hardy = **Notechidnopsis columnaris**

serpentina (Nel) A.C.White & B.Sloane = **Notechidnopsis tessellata**

ECTADIOPSIS Benth. 6743000

acutifolia (Sond.) Benth. = **Cryptolepis oblongifolia**

cryptolepioides Schltr. = **Cryptolepis cryptolepioides**

oblongifolia (Meisn.) Benth. = **Cryptolepis oblongifolia**

ECTADIUM E.Mey. 6735000

(1) Brown. 1907. *FC* 4: 531, 532.
(2) Venter *et al.* 1990. *South African Journal of Botany* 56: 113–124.

latifolium (Schinz) N.E.Br.
E. virgatum E.Mey. var. *latifolium* Schinz (1)
Perennial. Shrub. Ht up to 3 m. Alt 0–100 m. N

oblongifolium Meisn. = **Cryptolepis oblongifolia**

rotundifolium (H.Huber) Venter & Kotze
E. virgatum E.Mey. var. *rotundifolium* H.Huber (2)
Perennial. Shrub. Ht up to 1 m. Alt 0–50 m. N

virgatum E.Mey.
Perennial. Shrub. Ht up to 3 m. Alt 70–200 m. N, NC

virgatum E.Mey. var. *latifolium* Schinz = **E. latifolium**

virgatum E.Mey. var. *rotundifolium* H.Huber = **E. rotundifolium**

EMPLECTANTHUS N.E.Br. 6899010

(1) Brown. 1907. *FC* 4: 315–418.

cordatus N.E.Br.
Perennial. Climber. Ht? Alt? KZN

gerrardii N.E.Br.
Perennial. Climber. Ht? Alt? KZN

EPHIPPIOCARPA Markgr. 6607010

orientalis (S.Moore) Markgr. = **Callichilia orientalis**

EUSTEGIA R.Br. 6785000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Bruyns. 1999. *Botanische Jahrbücher* 121: 19–44.
(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa.* Ph.D. thesis. University of Durban-Westville, Durban.

filiformis (L.f.) Schult.
Apocynum filiforme L.f. (3)
E. humilis E.Mey. (3)
E. lonchitis E.Mey. (3)
Perennial. Herb. Ht 80–150 mm. Alt 15–945 m. NC, WC

fraterna N.E.Br. var. **fraterna**
Perennial. Herb. Ht 50–80 mm. Alt ± 100 m. WC

fraterna N.E.Br. var. **pubescens** N.E.Br.
Perennial. Herb. Ht 50–80 mm. Alt 15–800 m. WC

hastata in sense of Sieber ex Decne. = **Microloma sagittatum**

hastata (Thunb.) Spreng. = **E. minuta**

humilis E.Mey. = **E. filiformis**

lonchitis E.Mey. = **E. filiformis**

macropetala Schltr.
Perennial. Herb. Ht 80–100 mm. Alt ± 300 m. WC

minuta (L.f.) Schult.
Apocynum hastatum Thunb. (3)
Apocynum minutum L.f. (3)
E. hastata (Thunb.) Spreng. (3)
Perennial. Herb. Ht 50–80 mm. Alt ± 100 m. WC

plicata Schinz
Perennial. Herb. Ht 60–100 mm. Alt ± 100 m. WC

FANNINIA Harv. 6779000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

caloglossa Harv.
Perennial. Geophytic herb. Ht 100–250 mm. Alt 750–2500 m. FS, KZN, EC

FLANAGANIA Schltr. 6835000

orangeana Schltr. = **Cynanchum orangeanum**

FOCKEA Endl. 6924000

(1) Brown. 1908. *FC* 4: 777–782
(2) Dyer. 1933. *Kew Bulletin* 1933: 459, 460.
(3) Huber. 1967. *FSWA* 114: 30, 31
(4) Dyer. 1976. *The Flowering Plants of Africa* 43: t. 1711.
(5) Court. 1987. *Asklepios* 40: 69–74.
(6) Liede. 1996. *Annals of the Missouri Botanical Garden* 83: 283–345.

angustifolia K.Schum.
Cynanchum omissum Bullock (6)
F. dammarana Schltr. (3)
F. lugardii N.E.Br. (3)
F. sessiliflora Schltr. (3)
F. tugelensis N.E.Br. (5)
Perennial. Climber with tuber. Ht 0.3–2 m. Alt 800–1200 m. N, B, LIM, NW, S, FS, KZN, NC

capensis Endl.
F. crispa (Jacq.) K.Schum. (4)
Perennial. Climber with tuber. Ht 0.2–1 m. Alt 600–1100 m. WC

comaru (E.Mey.) N.E.Br.
Brachystelma comaru E.Mey. (1)
F. gracilis R.A.Dyer (5)
Perennial. Climber with tuber. Ht 30–500 mm. Alt 200–1800 m. N, NC, WC, EC

crispa (Jacq.) K.Schum. = **F. capensis**

cylindrica R.A.Dyer = **F. edulis**

dammarana Schltr. = **F. angustifolia**

edulis (Thunb.) K.Schum.
F. cylindrica R.A.Dyer (5)
F. glabra Decne. (2)
Perennial. Climber with tuber. Ht 0.3–2 m. Alt 50–300 m. KZN, WC, EC

glabra Decne. = **F. edulis**

gracilis R.A.Dyer = **F. comaru**

lugardii N.E.Br. = **F. angustifolia**

multiflora K.Schum.
F. schinzii N.E.Br. (3)
Perennial. Massive climber. Ht 3–15 m. Alt 500–1200 m. N, B

schinzii N.E.Br. = **F. multiflora**

sessiliflora Schltr. = **F. angustifolia**

sinuata (E.Mey.) Druce
Brachystelma sinuatum E.Mey. (5)
F. undulata N.E.Br. (5)
Perennial. Herb to climber, with tuber. Ht 50–300 mm. Alt 600–1500 m. N, FS, NC, WC, EC

tugelensis N.E.Br. = **F. angustifolia**

undulata N.E.Br. = **F. sinuata**

GLOSSOSTEPHANUS E.Mey. 6842010

linearis (L.f.) E.Mey. = **Oncinema lineare**

GOMPHOCARPUS R.Br. 6787000

(1) Brown. 1909. FC 4: 663–714.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 208.
(3) Bullock. 1952. *Kew Bulletin* 7: 405–426.
(4) Bruyns. 1995. *Bothalia* 25: 165–167.
(5) Goyder & Nicholas. 2001. *Kew Bulletin* 56: 769–836.
(6) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
(7) Nicholas. 2002. Personal communication.

acerateoides Schltr. = **Xysmalobium acerateoides**

adscendens Schltr. = **Asclepias adscendens**

affinis Schltr. = **Asclepias albens**

alatus Schltr. = **Pachycarpus dealbatus**

albens (E.Mey.) Decne. = **Asclepias albens**

angustifolius (Schweigg.) Link = **G. fruticosus** subsp. **fruticosus**

appendiculatus (E.Mey.) Decne. = **Pachycarpus appendiculatus**

arachnoideus E.Fourn. = **G. fruticosus** subsp. **fruticosus**

arborescens (L.) Aiton f. = **G. cancellatus**

arenarius Schltr. = **Asclepias crispa** var. **crispa**

asclepiaceus Schltr. = **Asclepias hastata**

asperifolius (Meisn.) Walp. = **Pachycarpus asperifolius**

aureus Schltr. = **Asclepias aurea**

brasiliensis E.Fourn. = **G. physocarpus**

brevicuspis (E.Mey.) D.Dietr. = **Asclepias brevicuspis**

brevipes Schltr. = **Asclepias brevipes**

campanulatus Harv. = **Pachycarpus campanulatus** var. **campanulatus**

cancellatus (Burm.f.) Bruyns
Asclepias arborea Salisb. (5)
Asclepias arborescens L. (5)
Asclepias cancellata Burm.f. (4)
Asclepias pubescens L. (5)
Asclepias rotundifolia Mill. (5)
G. arborescens (L.) Aiton f. (5)
G. cancellatus (Burm.f.) Nicholas & P.I.Forst., superfluous combination (5)
Perennial. Herb or shrub. Ht 0.7–1.4 m. Alt 20–1400 m. N, NC, WC, EC

cancellatus (Burm.f.) Nicholas & P.I.Forst., superfluous combination = **G. cancellatus**

carinatus (Schltr.) Schltr. = **Xysmalobium carinatum**

concinnus Schltr. = **Asclepias concinna**

concolor (E.Mey.) Decne. = **Pachycarpus concolor**

corniculatus (E.Mey.) D.Dietr. = **Stenostelma corniculatum**

cornutus Decne. = **G. fruticosus** subsp. **fruticosus**

coronarius (E.Mey.) Decne. = **Pachycarpus coronarius**

crinitus Bertol. = **G. fruticosus** subsp. **fruticosus**

crispus (P.J.Bergius) R.Br. = **Asclepias crispa** var. **crispa**

cucullatus Schltr. = **Asclepias cucullata**

cultriformis Harv. ex Schltr. = **Asclepias cultriformis**

dealbatus (E.Mey.) Decne. = **Pachycarpus dealbatus**

depressus Schltr. = **Asclepias multicaulis**

diploglossus Turcz. = **Aspidonepsis diploglossa**

eminens Harv. = **Asclepias eminens**

eustegioides (E.Mey.) D.Dietr. = **Schizoglossum eustegioides**

expansus (E.Mey.) D.Dietr. = **Asclepias expansa**

fallax Schltr. = **Asclepias fallax**

filiformis (E.Mey.) D.Dietr.
Asclepias buchenaviana Schinz (4)
Asclepias filiformis (E.Mey.) Benth. & Hook.f., not of Jacq. (1760), also not of L.f. (1781), invalid name (4)
Asclepias filiformis (E.Mey.) Kuntze, not of Jacq. (1760), also not of L.f. (1781) (5)
Asclepias filiformis (E.Mey.) Kuntze var. *buchenaviana* (Schinz) N.E.Br. (5)
Asclepias flagellaris Bolus ex Schltr. (5)
Lagarinthus filiformis E.Mey. (5)
Perennial. Shrub. Ht 1–2.5(–3) m. Alt 460–1370 m. N, NC, WC

flexuosus (E.Mey.) D.Dietr. = **Asclepias flexuosa**

fragrans Schltr. = **Asclepias flexuosa**

frutescens E.Mey. = **G. fruticosus** subsp. **fruticosus**

fruticosus (L.) Aiton f. forma *brasiliensis* (E.Fourn.) Briq. = **G. physocarpus**

fruticosus (L.) Aiton f. subsp. **decipiens** (N.E.Br.) Goyder & Nicholas
Asclepias decipiens N.E.Br. (5)
Perennial. Herb or shrub. Ht ± 1 m. Alt ± 1200 m. LIM, NW, G, M, FS, L

fruticosus (L.) Aiton f. subsp. **fruticosus**
Asclepias angustifolia Schweigg. (5)
Asclepias cornuta (Decne.) Cordem. (5)
Asclepias crinita (Bertol.) N.E.Br. (5)
Asclepias fruticosa L. (3)
Asclepias salicifolia Salisb. (5)
G. angustifolius (Schweigg.) Link (5)
G. arachnoideus E.Fourn. (5)
G. cornutus Decne. (5)
G. crinitus Bertol. (5)
G. frutescens E.Mey. (5)
Annual or perennial. Herb or shrub. Ht 0.8–1.5(–4) m. Alt (45–)900–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fruticosus (L.) Aiton f. subsp. **rostratus** (N.E.Br.) Goyder & Nicholas
Asclepias rostrata N.E.Br. (5)
G. rostratus (N.E.Br.) Bullock (5)
Perennial. Herb or shrub. Ht ± 1 m. Alt? N, B

fruticosus (L.) Aiton f. var. *tomentosus* (Burch.) K.Schum. = **G. tomentosus** subsp. **tomentosus**

galpinii Schltr. = **Pachycarpus galpinii**

geminatus Schltr. = **Asclepias hastata**

geminiflorus Schltr. = **Pachycarpus concolor**

gerrardii Harv. = **Pachycarpus campanulatus** var. **sutherlandii**

gibbus (E.Mey.) D.Dietr. = **Asclepias gibba** var. **gibba**

glaberrimus Oliv. = **Kanahia laniflora**

glaucophyllus Schltr.
Asclepias glaucophylla (Schltr.) Schltr. (4)
Asclepias lilacina Weim. (5)
Perennial. Geophytic herb. Ht 0.3–1 m. Alt 765–1500 (–1900) m. LIM, NW, G, M, S

gracilis (E.Mey.) D.Dietr. = **Aspidoglossum gracile**

grandiflorus (L.f.) Decne. = **Pachycarpus grandiflorus** subsp. **grandiflorus**

grandiflorus (L.f.) Decne. var. *tomentosus* Schltr. = **Pachycarpus grandiflorus** subsp. **tomentosus**

harveyanus Schltr. = **Xysmalobium prunelloides**

hastatus E.Mey. = **Asclepias hastata**

hastatus E.Mey. var. *angustifolius* Meisn. = **Asclepias crispa** var. **crispa**

humilis (E.Mey.) Decne. = **Asclepias humilis**

insignis Schltr. = **Pachycarpus transvaalensis**

interruptus (E.Mey.) D.Dietr. = **Aspidoglossum interruptum**

involucratus (E.Mey.) D.Dietr. = **Xysmalobium involucratum**

lanatus E.Mey. = **G. tomentosus** subsp. **tomentosus**

linearis (E.Mey.) D.Dietr. = **Pachycarpus linearis**

lineolatus Decne. = **Pachycarpus lineolatus**

longifolius Schltr. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**

macer (E.Mey.) D.Dietr. = **Sisyranthus macer**

mackenii Harv. = **Pachycarpus mackenii**

macroglossus Turcz. = **Pachycarpus appendiculatus**

macropus Schltr. = **Asclepias macropus**

marginatus (E.Mey.) Decne. = **Woodia mucronata**

marginatus Schltr. = **Asclepias dregeana** var. **dregeana**

meliodorus Schltr. = **Asclepias meliodora**

meyerianus Schltr. = **Asclepias meyeriana**

multicaulis (E.Mey.) D.Dietr. = **Asclepias multicaulis**

multiflorus Decne. = **Asclepias multiflorus**

navicularis (E.Mey.) D.Dietr. = **Asclepias navicularis**

nutans Klotzsch = **G. tomentosus** subsp. **tomentosus**

ochroleucus Schltr. = **Xysmalobium gerrardii**

orbicularis (E.Mey.) Schltr. = **Xysmalobium orbiculare**

ovatus Schltr. = **Xysmalobium acerateoides**

oxytropis Turcz. = **Asclepias gibba** var. **gibba**

pachyglossus Schltr. = **Xysmalobium parviflorum**

pachystephanus (Schltr.) Schltr = **Schizoglossum linifolium** var. **linifolium**

padifolius Baker = **Xysmalobium orbiculare**

parviflorus Harv. ex Schltr. = **Xysmalobium asperum**

peltigerus (E.Mey.) D.Dietr. = **Asclepias peltigera**

physocarpus E.Mey.
Asclepias brasiliensis (E.Fourn.) Schltr. (5)
Asclepias physocarpa (E.Mey.) Schltr. (3)
G. brasiliensis E.Fourn. (5)
G. fruticosus (L.) Aiton f. forma *brasiliensis* (E.Fourn.) Briq. (5)
Annual or perennial. Herb. Ht 1–2.5 m. Alt 30–700 (–900) m. LIM, NW, M, S, KZN, WC, EC

prunelloides (Turcz.) Schltr. = **Xysmalobium prunelloides**

rectinervis Schltr. = **Xysmalobium confusum**

reflectens (E.Mey.) Decne. = **Pachycarpus reflectens**

revolutus (E.Mey.) D.Dietr. = **Asclepias stellifera**

rigidus (E.Mey.) Decne. = **Pachycarpus rigidus**

rigidus (E.Mey.) Decne. var. *tridens* (E.Mey.) Decne. = **Pachycarpus rigidus**

rivularis Schltr.
Asclepias rivularis (Schltr.) Schltr. (5)
Perennial. Rheophytic herb or shrub. Ht ± 1.2 m. Alt 750–1500 m. NW, G, M, S, KZN, EC

rostratus (N.E.Br.) Bullock = **G. fruticosus** subsp. **rostratus**

scaber Harv. = **Pachycarpus scaber**

schinzianus Schltr. = **Pachycarpus schinzianus**

schizoglossoides Schltr. = **Asclepias aurea**

schlechteri K.Schum. = **Asclepias schlechteri**

semiamplectens K.Schum.
Asclepias semiamplectens (K.Schum.) Hiern (5)
Perennial. Geophytic herb. Ht 0.3–1 m. Alt? N

simplex Schltr. = **Asclepias stellifera**

stenoglossus Schltr. = **Stenostelma capense**

stockenstromensis (Scott-Elliot) Schltr. = **Xysmalobium stockenstromense**

suaveolens Schltr. = **Pachycarpus suaveolens**

tenuis (E.Mey.) D.Dietr. = **Schizoglossum linifolium** var. **linifolium**

tomentosus Burch. subsp. **tomentosus**
Asclepias burchellii Schltr. (4)
Asclepias lanata (E.Mey.) Druce (5)
Asclepias nutans (Klotzsch) N.E.Br. (5)
Asclepias villosa Mill. (7)
G. fruticosus (L.) Aiton f. var. *tomentosus* (Burch.) K.Schum. (5)
G. lanatus E.Mey. (5)
G. nutans Klotzsch (5)
Perennial. Herb or shrub. Ht 0.5–2 m. Alt 600–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

transvaalensis Schltr. = **Pachycarpus transvaalensis**

trifurcatus Schltr. = **Woodia mucronata**

truncatus (E.Mey.) D.Dietr. = **Asclepias praemorsa**

truncatus (E.Mey.) Harv. = **Asclepias praemorsa**

tysonianum (Schltr.) Schltr. = **Xysmalobium tysonianum**

undulatus (L.) Schltr. = **Xysmalobium undulatum**

undulatus Turcz. = **Woodia mucronata**

validus Schltr. = **Pachycarpus asperifolius**

velutinus Schltr. = **Asclepias velutina**

virgatus (E.Mey.) D.Dietr. = **Aspidoglossum virgatum**

viridiflorus (E.Mey.) Decne. = **Asclepias dregeana** var. **dregeana**

woodii Schltr. = **Asclepias woodii**

GONIOMA E.Mey. 6581000

(1) Codd. 1963. *FSA* 26: 262, 263.

kamassi E.Mey.
Perennial. Tree, shrub. Ht 0.3–9 m. Alt 0–1350 m. LIM, S, KZN, WC, EC

GYMNEMA R.Br. 6891000

melananthum (N.E.Br.) K.Schum. ex Schltr. = **Sphaerocodon melananthus**

parvifolium Oliv. = **Secamone parvifolia**

sylvestre (Retz.) Schult. = **Marsdenia sylvestris**

HOLARRHENA R.Br. 6582000

(1) Codd. 1963. *FSA* 26: 263, 264.
(2) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1758.
(3) De Kruif. 1985. *FZ* 7,2: 456–458.

pubescens (Buch.-Ham.) Wall. ex G.Don
Perennial. Tree, shrub. Ht 0.6–10 m. Alt 350–900 m. LIM

HOODIA Sweet ex Decne. 6878000

(1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.

albispina N.E.Br. = **H. gordonii**

alstonii (N.E.Br.) Plowes
Trichocaulon alstonii N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.3–1 m. Alt 500–1100 m. N, NC

annulata (N.E.Br.) Plowes = **H. pilifera** subsp. **annulata**

bainii T.-Dyer = **H. gordonii**

barklyi T.-Dyer = **H. gordonii**

burkei N.E.Br. = **H. gordonii**

colei Plowes = **H. pilifera** subsp. **pillansii**

currorii (Hook.) Decne. subsp. **currorii**
H. currorii var. *minor* R.A.Dyer (1)
H. gibbosa Nel (1)
H. macrantha Dinter (1)
H. montana Nel (1)
Perennial. Succulent shrub. Ht 0.3–1 m. Alt 50–1400 m. N

currorii (Hook.) Decne. subsp. **lugardii** (N.E.Br.) Bruyns
H. lugardii N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.3–1 m. Alt 600–1000 m. B, LIM

currorii (Hook.) Decne. var. *minor* R.A.Dyer = **H. currorii** subsp. **currorii**

delaetiana (Dinter) Plowes = **H. officinalis** subsp. **delaetiana**

dregei N.E.Br.
Perennial. Succulent shrub. Ht 0.2–0.5 m. Alt 700–900 m. WC

flava (N.E.Br.) Plowes
Trichocaulon flavum N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.2–0.5 m. Alt 600–1400 m. N, NC, WC

foetida Plowes = **H. triebneri**

gibbosa Nel = **H. currorii** subsp. **currorii**

gordonii (Masson) Sweet ex Decne.
H. albispina N.E.Br. (1)
H. bainii T.-Dyer (1)
H. barklyi T.-Dyer (1)
H. burkei N.E.Br. (1)
H. husabensis Nel (1)
H. langii Oberm. & Letty (1)
H. longispina Plowes (1)
H. pillansii N.E.Br. (1)
H. rosea Oberm. & Letty (1)
Perennial. Succulent shrub. Ht 0.5–1 m. Alt 250–1200 m. N, FS, NC, WC

husabensis Nel = **H. gordonii**

juttae Dinter
Perennial. Succulent shrub. Ht 0.3–0.5 m. Alt 1000–1600 m. N

langii Oberm. & Letty = **H. gordonii**

longispina Plowes = **H. gordonii**

lugardii N.E.Br. = **H. currorii** subsp. **lugardii**

macrantha Dinter = **H. currorii** subsp. **currorii**

montana Nel = **H. currorii** subsp. **currorii**

officinalis (N.E.Br.) Plowes subsp. **delaetiana** (Dinter) Bruyns
H. delaetiana (Dinter) Plowes (1)
Trichocaulon delaetianum Dinter (1)
Perennial. Succulent shrub. Ht 0.2–0.4 m. Alt 300–500 m. N

officinalis (N.E.Br.) Plowes subsp. **officinalis**
H. rustica (N.E.Br.) Plowes (1)
Trichocaulon officinale N.E.Br. (1)
Trichocaulon pubiflorum Dinter (1)
Trichocaulon rusticum N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.1–0.3 m. Alt 900–1600 m. N, FS, NC

parviflora N.E.Br.
Perennial. Succulent shrub to tree. Ht 0.3–2.2 m. Alt 800–1500 m. N

pedicellata (Schinz) Plowes
Trichocaulon pedicellatum Schinz (1)
Perennial. Sprawling succulent. Length 0.2–0.5 m. Alt 10–100 m. N

pilifera (L.f.) Plowes subsp. **annulata** (N.E.Br.) Bruyns
H. annulata (N.E.Br.) Plowes (1)
Trichocaulon annulatum N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 600–1000 m. WC, EC

pilifera (L.f.) Plowes subsp. **pilifera**
Trichocaulon piliferum (L.f.) N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 300–900 m. WC, EC

pilifera (L.f.) Plowes subsp. **pillansii** (N.E.Br.) Bruyns
H. colei Plowes (1)
Trichocaulon grande N.E.Br. (1)
Trichocaulon pillansii N.E.Br. (1)
Trichocaulon pillansii N.E.Br. var. *major* N.E.Br. (1)
Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 600–1100 m. WC

pillansii N.E.Br. = **H. gordonii**

rosea Oberm. & Letty = **H. gordonii**

rustica (N.E.Br.) Plowes = **H. officinalis** subsp. **officinalis**

ruschii Dinter
Perennial. Succulent. Ht 0.2–0.5 m. Alt 1400–1600 m. N

triebneri (Nel) Bruyns
H. foetida Plowes (1)
Trichocaulon triebneri Nel (1)
Perennial. Succulent shrub. Ht 0.2–0.3 m. Alt 800–1200 m. N

×**HOODIAPELIA** G.D.Rowley 6884080

(1) Rowley. 1976. *Repertorium Plantarum Succulentarum* 27: 4.

beukmanii (C.A.Lückh.) G.D.Rowley
Luckhoffia beukmanii (C.A.Lückh.) A.C.White & B.Sloane (1)
Perennial. Succulent. Ht? Alt? NC

×**HOODIOPSIS** C.A.Lückh. 6878010

(1) Lückhoff. 1933. *South African Gardening and Country Life* 23: 231.

triebneri C.A.Lückh. (1)
Perennial. Succulent. Ht? Alt? N, NC

HUERNIA R.Br. 6887000

(1) Leach. 1988. *Excelsa Taxonomic Series* 4: 1–197.

appendiculata Berger = **H. hystrix** var. **hystrix**

barbata (Masson) Haw.
H. barbata (Masson) Haw. var. *griquensis* N.E.Br. (1)
Stapelia barbata Masson (1)
Stapelia campanulata Masson (1)
Perennial. Succulent. Ht 30–100 mm. Alt 10–1600 m. FS, NC, WC, EC

barbata (Masson) Haw. var. *griquensis* N.E.Br. = **H. barbata**

bayeri L.C.Leach
Perennial. Succulent. Ht 20–60 mm. Alt? 'CP'

bicampanulata I.Verd. = **H. kirkii**

blackbeardiae R.A.Dyer = **H. zebrina** subsp. **magniflora**

brevirostris N.E.Br. subsp. **baviaana** L.C.Leach
Perennial. Succulent. Ht up to 50 mm. Alt up to 1600 m. EC

brevirostris N.E.Br. subsp. **brevirostris**
Perennial. Succulent Ht up to 50 mm. Alt? EC

brevirostris N.E.Br. subsp. **intermedia** (N.E.Br.) L.C.Leach
H. brevirostris N.E.Br. var. *histrionica* A.C.White & B.Sloane (1)
H. brevirostris N.E.Br. var. *immaculata* (N.E.Br.) A.C.White & B.Sloane (1)
H. brevirostris N.E.Br. var. *intermedia* N.E.Br. (1)
H. brevirostris N.E.Br. var. *longula* (N.E.Br.) A.C.White & B.Sloane (1)
H. brevirostris N.E.Br. var. *pallida* (N.E.Br.) A.C.White & B.Sloane (1)
H. brevirostris N.E.Br. var. *parvipuncta* A.C.White & B.Sloane (1)
H. brevirostris N.E.Br. var. *scabra* (N.E.Br.) A.C.White & B.Sloane (insufficiently known) (1)
H. scabra N.E.Br. (1)
H. scabra N.E.Br. var. *immaculata* N.E.Br. (1)
H. scabra N.E.Br. var. *longula* N.E.Br. (1)
Perennial. Succulent. Ht? Alt? WC, EC, NC

brevirostris N.E.Br. var. **ecornuta** (N.E.Br.) A.C.White & B.Sloane (insufficiently known)
Perennial. Succulent. Ht? Alt? 'CP'

brevirostris N.E.Br. var. *histrionica* A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *immaculata* (N.E.Br.) A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *intermedia* N.E.Br. = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *longula* (N.E.Br.) A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *pallida* (N.E.Br.) A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *parvipuncta* A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

brevirostris N.E.Br. var. *scabra* (N.E.Br.) A.C.White & B.Sloane = **H. brevirostris** subsp. **intermedia**

campanulata (Masson) Haw.
H. campanulata (Masson) Haw. var. *denticoronata* N.E.Br. (1)
Perennial. Succulent. Ht up to 60 mm. Alt? WC

campanulata (Masson) Haw. var. *denticoronata* N.E.Br. = **H. campanulata**

clavigera (Jacq.) Haw.
H. clavigera (Jacq.) Haw. var. *maritima* N.E.Br. (1)
H. decemdentata N.E.Br. (1)
H. ingeae Lavranos (1)
Perennial. Succulent. Ht 50–60 mm. Alt? WC

clavigera (Jacq.) Haw. var. *maritima* N.E.Br. = **H. clavigera**

confusa E.Phillips = **H. insigniflora**

decemdentata N.E.Br. = **H. clavigera**

distincta N.E.Br. = **H. ×distincta**

×distincta N.E.Br.
H. distincta N.E.Br. (1)
Perennial. Succulent. Ht? Alt? WC

echidnopsioides (L.C.Leach) L.C.Leach
H. pillansii N.E.Br. subsp. *echidnopsioides* L.C.Leach (1)
H. longii Pillans subsp. *echidnopsioides* (L.C.Leach) Bruyns (1)
Perennial. Succulent. Ht 20–120 mm. Alt 300–900 m. EC

guttata (Masson) Haw. subsp. **calitzdorpensis** L.C.Leach
Perennial. Succulent. Ht 20–120 mm. Alt? WC

guttata (Masson) Haw. subsp. **guttata**
H. ocellata (Jacq.) Schult. (1)
Stapelia guttata Masson
Stapelia ocellata Jacq. (1)
Perennial. Succulent. Ht 20–120 mm. Alt 400–1000 m. NC, WC, EC

hallii E.Lamb & B.M.Lamb
H. namaquensis Pillans subsp. *hallii* (E.Lamb & B.M.Lamb) Bruyns (1)
Perennial. Succulent. Ht 10–40 mm. Alt 1300–1700 m. N

herrei A.C.White & B.Sloane = **H. namaquensis**

humilis (Masson) Haw.
H. simplex N.E.Br. (1)
Stapelia humilis Masson (1)
Perennial. Succulent. Ht 10–50 mm. Alt 1200–1600 m. NC, WC, EC

hystrix (Hook.f.) N.E.Br. var. *appendiculata* (A.Berger) A.C.White & B.Sloane = **H. hystrix** var. **hystrix**

hystrix (Hook.f.) N.E.Br. var. **hystrix**
H. appendiculata Berger (1)
H. hystrix (Hook.f.) N.E.Br. var. *appendiculata* (A.Berger) A.C.White & B.Sloane (1)
Stapelia hystrix Hook.f. (1)
Perennial. Succulent. Ht 30–100 mm. Alt 100–1100 m. LIM, M, S, KZN

hystrix (Hook.f.) N.E.Br. var. **parvula** L.C.Leach
Perennial. Succulent. Ht 30–100 mm. Alt 200–600 m. KZN, EC

ingeae Lavranos = **H. clavigera**

insigniflora C.A.Maass
H. confusa E.Phillips (1)
Perennial. Succulent. Ht 30–70 mm. Alt 1300–1850 m. LIM, M

kennedyana Lavranos
Perennial. Succulent. Ht 10–30 mm. Alt 1100–1500 m. EC

kirkii N.E.Br.
H. bicampanulata I.Verd. (1)
Perennial. Succulent. Ht 20–70 mm. Alt 300–1200 m. LIM, M, KZN

levyi Oberm.
Perennial. Succulent. Ht 20–100 mm. Alt 800–1100 m. N, B

loeseneriana Schltr.
Perennial. Succulent. Ht 20–60 mm. Alt 1400–1700 m. G, M, FS

longii Pillans
Perennial. Succulent. Ht 20–80 mm. Alt 200–400 m. EC

longii Pillans subsp. *echidnopsioides* (L.C.Leach) Bruyns = **H. echidnopsioides**

longituba N.E.Br. subsp. **longituba**
Perennial. Succulent. Ht 30–100 mm. Alt 900–1500 m. B, NW, FS

namaquensis Pillans
H. herrei A.C.White & B.Sloane (1)
H. owamboensis R.A.Dyer (1)
Perennial. Succulent. Ht 20–60 mm. Alt 20–1100 m. N, NC

namaquensis Pillans subsp. *hallii* (E.Lamb & B.M.Lamb) Bruyns = **H. hallii**

nouhuysii I.Verd.
Perennial. Succulent. Ht 20–60 mm. Alt 1500–1600 m. LIM

ocellata (Jacq.) Schult. = **H. guttata** subsp. **guttata**

oculata Hook.f.
H. rogersii R.A.Dyer (1)
Perennial. Succulent. Ht? Alt? N

owamboensis R.A.Dyer = **H. namaquensis**

pendula E.A.Bruce
Perennial. Pendulous succulent. Length 0.15–0.5(–1.5) m. Alt 400–800 m. EC

piersii N.E.Br.
Perennial. Succulent. Ht? Alt? EC

pillansii N.E.Br.
Perennial. Succulent. Ht? Alt? WC, EC

pillansii N.E.Br. subsp. *echidnopsioides* L.C.Leach = **H. echidnopsioides**

plowesii L.C.Leach
Perennial. Succulent. Ht 10–40 mm. Alt 1400–1950 m. N

praestans N.E.Br.
Perennial. Succulent. Ht? Alt? WC

primulina N.E.Br. var. *primulina* = **H. thuretii** var. **primulina**

primulina N.E.Br. var. *rugosa* N.E.Br. = **H. thuretii** var. **primulina**

procumbens (R.A.Dyer) L.C.Leach
Duvalia procumbens R.A.Dyer (1)
Perennial. Succulent. Ht? Alt? LIM

quinta (E.Phillips) A.C.White & B.Sloane var. **blyderiverensis** L.C.Leach
Perennial. Succulent. Ht 20–60 mm. Alt 750–1200 m. M

quinta (E.Phillips) A.C.White & B.Sloane var. **quinta**
H. scabra N.E.Br. var. *quinta* E.Phillips (1)
Perennial. Succulent. Ht 20–60 mm. Alt 1000–1250 m. LIM, M

reticulata (Masson) Haw.
Stapelia reticulata Masson (1)
Perennial. Succulent. Ht 30–100 mm. Alt 100–650 m. NC, WC

rogersii R.A.Dyer = **H. oculata**

scabra N.E.Br. = **H. brevirostris** subsp. **intermedia**

scabra N.E.Br. var. *immaculata* N.E.Br. = **H. brevirostris** subsp. **intermedia**

scabra N.E.Br. var. *longula* N.E.Br. = **H. brevirostris** subsp. **intermedia**

scabra N.E.Br. var. *quinta* E.Phillips = **H. quinta** var. **quinta**

simplex N.E.Br. = **H. humilis**

stapelioides Schltr.
H. vogtsii E.Phillips (1)
Perennial. Succulent. Ht 20–80 mm. Alt 500–1100 m. LIM, G, M, S

thudichumii L.C.Leach
Perennial. Succulent. Ht? Alt? WC

thuretii F.Cels var. **primulina** (N.E.Br.) L.C.Leach
H. primulina N.E.Br. var. *primulina* (1)
H. primulina N.E.Br. var. *rugosa* N.E.Br. (1)
Perennial. Succulent. Ht? Alt? EC

thuretii F.Cels var. **thuretii**
Stapelia thuretii (F.Cels) Croucher (1)
Perennial. Succulent. Ht 20–60 mm. Alt 30–1500 m. N, NC, WC, EC

transvaalensis Stent
Perennial. Succulent. Ht 30–100 mm. Alt 900–1200 m. LIM, NW, G, M

urceolata L.C.Leach
Perennial. Succulent. Ht 50–150 mm. Alt 1000–1300 m. N

venusta (Masson) Haw. (insufficiently known)
Perennial. Succulent. Ht? Alt? 'CP'

verekeri Stent var. **verekeri**
Perennial. Succulent. Ht 30–100 mm. Alt 1000–1100 m. N, B

vogtsii E.Phillips = **H. stapelioides**

whitesloaneana Nel
Perennial. Succulent. Ht 10–20 mm. Alt 1100–1700 m. LIM

witzenbergensis C.A.Lückh.
Perennial. Succulent. Ht? Alt? WC

zebrina N.E.Br. subsp. **magniflora** (E.Phillips) L.C. Leach
H. blackbeardiae R.A.Dyer (1)
H. zebrina N.E.Br. var. *magniflora* E.Phillips (1)
Perennial. Succulent. Ht? Alt? N, B, LIM, NW, M

zebrina N.E.Br. subsp. **zebrina**
Perennial. Succulent. Ht 20–80 mm. Alt 200–1300 m. LIM, M, S, KZN

zebrina N.E.Br. var. *magniflora* E.Phillips = **H. zebrina** subsp. **magniflora**

HUERNIOPSIS N.E.Br. 6882000

atrosanguinea (N.E.Br.) A.C.White & B.Sloane = **Piaranthus atrosanguineus**

decipiens N.E.Br. = **Piaranthus decipiens**

gibbosa Nel in A.C.White & B.Sloane = **Piaranthus atrosanguineus**

papillata Nel in A.C.White & B.Sloane = **Piaranthus atrosanguineus**

ISCHNOLEPIS Jum. & H.Perrier 6747050

(1) Bullock. 1955. *Kew Bulletin* 10: 362.
(2) Venter *et al.* 1990. *South African Journal of Botany* 56,3: 393–398.
(3) Venter & Verhoeven. 2001. *Annals of the Missouri Botanical Garden* 88: 550–568.

natalensis (Schltr.) Venter
Pentopetia natalensis Schltr. (1)
Petopentia natalensis (Schltr.) Bullock (3)
Tacazzea natalensis (Schltr.) N.E.Br. (1)
Perennial. Climber. Ht up to 15 m. Alt 50–700 m. KZN, EC

KANAHIA R.Br. 6780000

(1) Brown. 1907–1909. *FC* 4: 315–1036.
(2) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 900.
(3) Bullock. 1953. *Kew Bulletin* 1952: 405–426.
(4) Van Steenis. 1981. *Rheophytes of the world*: 203, 204.
(5) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

glaberrima (Oliv.) N.E.Br. = **K. laniflora**

laniflora Del., illegitimate name, superfluous = **K. laniflora**

laniflora (Forssk.) R.Br.
Asclepias coarctata S.Moore (3)
Asclepias glaberrima (Oliv.) Schltr. (1)
Asclepias laniflora Delile, not of Forssk., illegitimate name (1)
Asclepias laniflora Forssk. (1)
Asclepias rivalis S.Moore (4)
Canahia laniflora Steud. (1)
Gomphocarpus glaberrimus Oliv. (1)
K. glaberrima (Oliv.) N.E.Br. (2)
K. laniflora Del., illegitimate name, superfluous (5)
Perennial. Rheophytic herb. Ht 0.25–2.5 m. Alt 273–915 m. LIM, M

KREBSIA Harv., not of Eckl. & Zeyh. 6789010

carinata Schltr. = **Xysmalobium carinatum**

corniculata (E.Mey.) Schltr. = **Stenostelma corniculatum**

stenoglossus (Schltr.) Schltr. = **Stenostelma capense**

LAGARINTHUS E.Mey. 6778040

abyssinicus Hochst. ex Benth., superfluous name, illegitimate = **Aspidoglossum interruptum**

atrorubens (Schltr.) Bullock = **Schizoglossum bidens** subsp. **atrorubens**

barbatus Turcz. = **Sisyranthus barbatus**

brevicuspis E.Mey. = **Asclepias brevicuspis**

corniculatus E.Mey. = **Stenostelma corniculatum**

diversus (N.E.Br.) Bullock = **Schizoglossum bidens** subsp. **gracile**

exilis Decne., superfluous name, illegitimate = **Aspidoglossum gracile**

expansus E.Mey. = **Asclepias expansa**

eustegioides E.Mey. = **Schizoglossum eustegioides**

filiformis E.Mey. = **Gomphocarpus filiformis**

flexuosus E.Mey. = **Asclepias flexuosa**

galpinii (Schltr.) Bullock = **Schizoglossum bidens** subsp. **galpinii**

gibbus E.Mey. = **Asclepias gibba** var. **gibba**

gracilis E.Mey. = **Aspidoglossum gracile**

involucratus E.Mey. = **Xysmalobium involucratum**

interruptus E.Mey. = **Aspidoglossum interruptum**

linearis E.Mey. = **Pachycarpus linearis**

macer E.Mey. = **Sisyranthus macer**

multicaulis E.Mey. = **Asclepias multicaulis**

navicularis E.Mey. = **Asclepias navicularis**

peltigerus E.Mey. = **Asclepias peltigera**

revolutus E.Mey. = **Asclepias stellifera**

revolutus E.Mey. var. *minor* E.Mey. = **Asclepias meyeriana**

tenellus Turcz. = **Schizoglossum aschersonianum** var. **aschersonianum**

tenuis E.Mey. = **Schizoglossum linifolium** var. **linifolium**

truncatus E.Mey. = **Asclepias praemorsa**

virgatus E.Mey. = **Aspidoglossum virgatum**

LANDOLPHIA P.Beauv. 6562000

(1) Codd. 1963. *FSA* 26: 258–261.
(2) Kupicha. 1985. *FZ* 7,2: 408–416.

capensis Oliv. = **Ancylobotrys capensis**

kirkii T.-Dyer ex Hook.f.
Perennial. Shrub, climber. Ht 0.6–9 m. Alt 0–1500 m. LIM, KZN

petersiana (Klotzsch) T.-Dyer ex Hook.f. = **Ancylobotrys petersiana**

LARRYLEACHIA Plowes 6879060

(1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.
(2) Plowes. 1996. *Excelsa* 17: 3–28.
(3) Bruyns. 1999. *South African Journal of Botany* 65: 302–305.
Note: separation of *Larryleachia* from *Lavrania* inferred from non-coding nuclear and chloroplast DNA sequences.

cactiformis (Hook.) Plowes
Lavrania cactiformis (Hook) Bruyns in part (2)
Leachia cactiformis (Hook.) Plowes, illegitimate name (2)
Leachiella cactiformis (Hook.) Plowes, illegitimate name (2)
Trichocaulon cactiforme (Hook.) N.E.Br. (2)
Stapelia cactiformis Hook. (2)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 150–1100 m. NC

dinteri (A.Berger) Plowes
Lavrania marlothii (N.E.Br.) Bruyns in part (2)
Leachia dinteri (A.Berger) Plowes, illegitimate name (2)
Leachiella dinteri (A.Berger) Plowes, illegitimate name (2)
Trichocaulon dinteri A.Berger (2)
Trichocaulon sinus-luederitzii Dinter (2)
Perennial. Succulent. Ht 30–150 mm. Alt? N, NC

felina (D.T.Cole) Plowes
Lavrania cactiformis (Hook.) Bruyns in part (2)
Leachia felina (D.T.Cole) Plowes, illegitimate name (2)
Leachiella felina (D.T.Cole) Plowes, illegitimate name (2)
Trichocaulon felinum D.T.Cole in part (2)
Perennial. Succulent. Ht up to 0.2 m. Alt up to 1100 m. NC

marlothii (N.E.Br.) Plowes
Lavrania marlothii (N.E.Br.) Bruyns in part (2)
Leachia marlothii (N.E.Br.) Plowes, illegitimate name (2)
Leachiella marlothii (N.E.Br.) Plowes, illegitimate name (2)
Trichocaulon keetmanshoopense Dinter (2)
Trichocaulon marlothii N.E.Br. (2)
Perennial. Succulent. Ht up to 150 mm. Alt up to 1000 m. N, NC

meloformis (Marloth) Plowes
Lavrania picta (N.E.Br.) Bruyns subsp. *picta* in part (2)
Leachia meloformis (Marloth) Plowes (2)
Leachiella meloformis (Marloth) Plowes (2)
Trichocaulon engleri Dinter (2)
Trichocaulon meloforme Marloth (2)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 800–1600 m. N

perlata (Dinter) Plowes
Lavrania perlata (Dinter) Bruyns (2)
Leachia perlata (Dinter) Plowes, illegitimate name (2)
Leachiella perlata (Dinter) Plowes, illegitimate name (2)
Trichocaulon cinereum Pillans in part (2)
Trichocaulon kubusense Nel (2)
Trichocaulon perlatum Dinter (2)
Trichocaulon truncatum Pillans (2)
Perennial. Succulent. Ht 0.1–0.3 m. Alt 250–700 m. NC

picta (N.E.Br.) Plowes
Lavrania picta (N.E.Br.) Bruyns subsp. *picta* in part (2)
Leachia picta (N.E.Br.) Plowes (2)
Leachiella picta Plowes (2)
Trichocaulon pictum N.E.Br. (2)
Perennial. Succulent. Ht? Alt 800–1600 m. NC

similis (N.E.Br.) Plowes
Lavrania cactiformis (N.E.Br.) Bruyns in part (2)
Leachia similis (N.E.Br.) Plowes, illegitimate name (2)
Leachiella similis (N.E.Br.) Plowes, illegitimate name (2)
Trichocaulon simile N.E.Br. (2)
Perennial. Succulent. Ht? Alt? NC

sociarum (A.C.White & B.Sloane) Plowes (insufficiently known)
Leachia sociarum (A.C.White & B.Sloane) Plowes, illegitimate name (2)
Leachiella sociarum (A.C.White & B.Sloane) Plowes, illegitimate name (2)
Trichocaulon sociarum A.C.White & B.Sloane (insufficiently known) (2)
Perennial. Succulent. Ht? Alt? N

tirasmontana Plowes
Leachia tirasmontana Plowes, illegitimate name (2)
Leachiella tirasmontana Plowes, illegitimate name (2)
Perennial. Succulent. Ht 0.03–0.18 m. Alt 350–1800 m. N

LAVRANIA Plowes 6879050

(1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.
(2) Plowes. 1996. *Excelsa* 17: 3–28.
(3) Bruyns. 1999. *South African Journal of Botany* 65: 302–305.

cactiformis (Hook.) Bruyns in part = **Larryleachia cactiformis**

cactiformis (Hook.) Bruyns in part = **Larryleachia felina**

cactiformis (Hook.) Bruyns in part = **Larryleachia similis**

haagnerae Plowes
Perennial. Succulent. Ht 0.15–0.3 m. Alt 700–900 m. N

marlothii (N.E.Br.) Bruyns in part = **Larryleachia dinteri**

marlothii (N.E.Br.) Bruyns in part = **Larryleachia marlothii**

perlata (Dinter) Bruyns = **Larryleachia perlata**

picta (N.E.Br.) Bruyns subsp. *picta* in part = **Larryleachia meloformis**

picta (N.E.Br.) Bruyns subsp. *picta* in part = **Larryleachia picta**

LEACHIA Plowes, illegitimate name 6879010

cactiformis (Hook.) Plowes, illegitimate name = **Larryleachia cactiformis**

dinteri (A.Berger) Plowes, illegitimate name = **Larryleachia dinteri**

felina (D.T.Cole) Plowes, illegitimate name = **Larryleachia felina**

marlothii (N.E.Br.) Plowes, illegitimate name = **Larryleachia marlothii**

meloformis (Marloth) Plowes = **Larryleachia meloformis**

perlata (Dinter) Plowes, illegitimate name = **Larryleachia perlata**

picta (N.E.Br.) Plowes = **Larryleachia picta**

similis (N.E.Br.) Plowes, illegitimate name = **Larryleachia similis**

sociarum (A.C.White & B.Sloane) Plowes = **Larryleachia sociarum**

tirasmontana Plowes, illegitimate name = **Larryleachia tirasmontana**

LEACHIELLA Plowes, illegitimate name 6879020

cactiformis (Hook.) Plowes, illegitimate name = **Larryleachia cactiformis**

dinteri (A.Berger) Plowes, illegitimate name = **Larryleachia dinteri**

felina (D.T.Cole) Plowes, illegitimate name = **Larryleachia felina**

marlothii (N.E.Br.) Plowes, illegitimate name = **Larryleachia marlothii**

meloformis (Marloth) Plowes = **Larryleachia meloformis**

perlata (Dinter) Plowes, illegitimate name = **Larryleachia perlata**

picta Plowes = **Larryleachia picta**

similis (N.E.Br.) Plowes, illegitimate name = **Larryleachia similis**

sociarum (A.C.White & B.Sloane) Plowes = **Larryleachia sociarum**

tirasmontana Plowes, illegitimate name = **Larryleachia tirasmontana**

LOCHNERA Rchb. 6597010

rosea (L.) Rchb. ex Endl. = **Catharanthus roseus**

LUCKHOFFIA A.C.White & B.Sloane 6885030

beukmanii (C.A.Lückh.) A.C.White & B.Sloane = **×Hoodiapelia beukmanii**

MACROPETALUM Burch. ex Decne. 6865000

burchellii Decne. var. *burchellii* = **Brachystelma burchellii** var. **burchellii**

burchellii Decne. var. *grandiflora* N.E.Br. = **Brachystelma burchellii** var. **burchellii**

MAFEKINGIA Baill. 6747090

parquetiana Baill. = **Raphionacme hirsuta**

MARSDENIA R.Br. 6911000

(1) Brown. 1908. *FC* 4,1: 774, 775.
(2) Huber. 1967. *FSWA* 114: 41, 42.
(3) Forster. 1995. *Australian Systematic Botany* 8: 703–933.

floribunda (E.Mey.) N.E.Br.
Dregea floribunda E.Mey. (1)
Perennial. Climber. Ht 1–10 m. Alt 50–700 m. EC

macrantha (Klotzsch) Schltr.
Dregea macrantha Klotzsch (2)
Perennial. Climber. Ht 1–10 m. Alt 600–1500 m. N, B

sylvestris (Retz.) P.I.Forst.
Gymnema sylvestre (Retz.) Schult. (3)
Perennial. Climber. Ht 1–10 m. Alt 500–1200 m. N, B, LIM, M, KZN

METASTELMA R.Br. 6798000

costatum (E.Mey.) D.Dietr. = **Parapodium costatum**

MICROLOMA R.Br. 6752000

(1) Bruyns & Linder. 1991. *Botanische Jahrbücher* 112: 453–527.

armatum (Thunb.) Schltr. var. **armatum**
M. campanulatum Wanntorp (1)
M. dregei (E.Mey.) Wanntorp (1)
M. hystricoides Wanntorp (1)
M. massonii (Schult.) Schltr. (1)
M. spinosum N.E.Br. subsp. *dinteri* (Schltr.) Wanntorp (1)
M. spinosum N.E.Br. subsp. *spinosum* (1)
M. spinosum N.E.Br. subsp. *velutinum* Wanntorp (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.6 m. Alt 150–1800 m. N, FS, NC, WC, EC

armatum (Thunb.) Schltr. var. **burchellii** (N.E.Br.) Bruyns
M. burchellii N.E.Br. (1)
M. viridiflorum N.E.Br. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.5 m. Alt 300–1200 m. N, NC, WC

burchellii N.E.Br. = **M. armatum** var. **burchellii**

calycinum E.Mey.
M. calycinum E.Mey. subsp. *flavescens* (E.Mey.) Wanntorp (1)
Perennial. Dwarf shrub or climber. Ht 0.1–1 m. Alt 100–1300 m. N, NC

calycinum E.Mey. subsp. *flavescens* (E.Mey.) Wanntorp = **M. calycinum**

campanulatum Wanntorp = **M. armatum** var. **armatum**

dregei (E.Mey.) Wanntorp = **M. armatum** var. **armatum**

gibbosum N.E.Br. = **M. sagittatum**

glabratum E.Mey. subsp. *glabratum* = **M. sagittatum**

glabratum E.Mey. subsp. *subglabratum* Wanntorp = **M. sagittatum**

hereroense Wanntorp
Perennial. Climber. Ht 0.3–1 m. Alt 1000–2300 m. N

hystricoides Wanntorp = **M. armatum** var. **armatum**

incanum Decne.
Perennial. Shrub. Ht 0.4–1 m. Alt 400–1700 m. N, NC

lanatum Wanntorp (insufficiently known)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 100 m. N

longitubum Schltr.
Perennial. Shrub to dwarf shrub. Ht 0.3–0.5 m. Alt 800–1500 m. N, NC

massonii (Schult.) Schltr. = **M. armatum** var. **armatum**

namaquense Bolus
Perennial. Climber. Ht 0.3–1 m. Alt 750–1150 m. NC

penicillatum Schltr.
M. schäferi Dinter (1)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 300–800 m. N

poicilanthum H.Huber
Perennial. Dwarf shrub to climber. Ht 0.1–1.5 m. Alt 850–1900 m. N, NC

sagittatum (L.) R.Br.
M. gibbosum N.E.Br. (1)
M. glabratum E.Mey. subsp. *glabratum* (1)
M. glabratum E.Mey. subsp. *subglabratum* Wanntorp (1)
M. sagittatum (L.) R.Br. subsp. *pillansii* Wanntorp (1)
Perennial. Climber. Ht 0.2–1.5 m. Alt 10–1300 m. NC, WC, EC

sagittatum (L.) R.Br. subsp. *pillansii* Wanntorp = **M. sagittatum**

schäferi Dinter = **M. penicillatum**

spinosum N.E.Br. subsp. *dinteri* (Schltr.) Wanntorp = **M. armatum** var. **armatum**

spinosum N.E.Br. subsp. *spinosum* = **M. armatum** var. **armatum**

spinosum N.E.Br. subsp. *velutinum* Wanntorp = **M. armatum** var. **armatum**

tenuifolium (L.) K.Schum.
Perennial. Climber. Ht 0.5–1.5 m. Alt 50–1100 m. WC

viridiflorum N.E.Br. = **M. armatum** var. **burchellii**

MIRAGLOSSUM Kupicha 6778020

(1) Kupicha. 1984. *Kew Bulletin* 38: 625–633.

anomalum (N.E.Br.) Kupicha
Schizoglossum anomalum N.E.Br. (1)
Perennial. Geophytic herb. Ht 200–350 mm. Alt 450–1560 m. KZN, EC

davyi (N.E.Br.) Kupicha
Schizoglossum davyi N.E.Br. (1)
Perennial. Geophytic herb. Ht 300–600 mm. Alt 1700–2076 m. M

laeve Kupicha
Perennial. Geophytic herb. Ht 170–520 mm. Alt ± 1500 m. NW, G

pilosum (Schltr.) Kupicha
Schizoglossum pilosum Schltr. (1)
Perennial. Geophytic herb. Ht 100–400 mm. Alt 900–1770 m. KZN, EC

pulchellum (Schltr.) Kupicha
Schizoglossum pulchellum Schltr. (1)
Perennial. Geophytic herb. Ht 200–600 mm. Alt 600–2380 m. LIM, NW, G, M, S, FS, KZN, L, EC

superbum Kupicha
Perennial. Geophytic herb. Ht 250–500 mm. Alt 1500–2100 m. KZN

verticillare (Schltr.) Kupicha
Schizoglossum verticillare Schltr. (1)
Perennial. Geophytic herb. Ht 100–350 mm. Alt 900–1800 m. KZN, EC

MONDIA Skeels 6729000

(1) Bullock. 1961. *Kew Bulletin* 15: 193–206.

whitei (Hook.f.) Skeels
Chlorocodon whitei Hook.f. (1)
Perennial. Climber. Ht up to 12 m. Alt 20–1400 m. LIM, S, KZN

*NERIUM L. 6687000

(1) Markgraf. 1972. *Flora europaea* 3: 68.
(2) Pagen. 1987. *Agricultural University Wageningen Papers* 87-2: 1–113.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 159.

indicum Mill. = **N. oleander**

oleander L.
N. indicum Mill. (2)
Perennial. Shrub. Ht 1–4 m. Alt 350–1900 m. M, KZN, WC, EC

NOTECHIDNOPSIS Lavranos & Bleck 6877010

(1) Bruyns. 1999. *Kew Bulletin* 54: 327–345.

columnaris (Nel) Lavranos & Bleck
Echidnopsis columnaris (Nel) R.A.Dyer & D.S.Hardy (1)
Trichocaulon columnare Nel (1)
Perennial. Succulent. Ht 0.08–0.6 m. Alt 500–800 m. NC

tessellata (Pillans) Lavranos & Bleck
Caralluma serpentina Nel (1)
Caralluma tessellata Pillans (1)
Echidnopsis serpentina (Nel) A.C.White & B.Sloane (1)
Perennial. Succulent. Ht 0.03–0.15 m. Alt 300–700 m. NC, WC

ONCINEMA Arn. 6842000

(1) Bullock. 1963. *Kew Bulletin* 17: 183–196.

lineare (L.f.) Bullock
Glossostephanus linearis (L.f.) E.Mey. (1)
Perennial. Climber. Ht 1–10 m. Alt 50–1200 m. WC, EC

ONCINOTIS Benth. 6686000

(1) Codd. 1963. *FSA* 26: 288, 289.
(2) Kupicha. 1985. *FZ* 7,2: 492–495.

inandensis J.M.Wood & M.S.Evans = **O. tenuiloba**

tenuiloba Stapf
O. inandensis J.M.Wood & M.S.Evans (2)
Perennial. Shrub, climber. Ht up to 30 m. Alt 50–850 m. S, KZN, EC

OPHIONELLA Bruyns 6889020

(1) Bruyns. 1999. *Botanical Journal of the Linnean Society* 131: 383–398.

arcuata (N.E.Br.) Bruyns subsp. **arcuata**
Pectinaria arcuata N.E.Br. (1)
Perennial. Creeping succulent. Ht 5–20 mm. Alt 400–750 m. EC

arcuata (N.E.Br.) Bruyns subsp. **mirkinii** (Pillans) Bruyns
O. arcuata (N.E.Br.) Bruyns var. *mirkinii* (Pillans) Bruyns (1)
Pectinaria mirkinii Pillans (1)
Perennial. Creeping succulent. Ht 5–20 mm. Alt 400–750 m. EC

arcuata (N.E.Br.) Bruyns var. *mirkinii* (Pillans) Bruyns = **O. arcuata** subsp. **mirkinii**

willowmorensis Bruyns
Perennial. Creeping succulent. Ht 5–20 mm. Alt 1000–1300 m. EC

ORBEA Haw. 6885050

(1) Leach. 1978. *Excelsa Taxonomic Series* 1: 1–74.
(2) Bruyns. 2002. *Systematic Botany Monographs*: 63: 1–190.

albocastanea (Marloth) Bruyns
Caralluma albocastanea (Marloth) L.C.Leach (2)
Orbeopsis albocastanea (Marloth) L.C.Leach (2)
Stapelia albocastanea Marloth (2)
Perennial. Succulent. Ht 20–80 mm. Alt 1200–1700 m. N

carnosa (Stent) Bruyns subsp. **carnosa**
Caralluma carnosa Stent (2)
Pachycymbium carnosum (Stent) L.C.Leach (2)
Perennial. Succulent. Ht 40–150 mm. Alt 1000–1400 m. LIM, NW

carnosa (Stent) Bruyns subsp. **keithii** (R.A.Dyer) Bruyns
Caralluma fosteri Pillans (2)
Caralluma keithii R.A.Dyer (2)
Caralluma schweickerdtii Oberm. (2)
Pachycymbium keithii (R.A.Dyer) L.C.Leach (2)
Pachycymbium lancasteri Lavranos (2)
Perennial. Succulent. Ht 40–150 mm. Alt 300–1200 m. B, LIM, M, S, KZN

caudata (N.E.Br.) Bruyns subsp. **rhodesiaca** (L.C.Leach) Bruyns
Caralluma caudata N.E.Br. subsp. *rhodesiaca* L.C.Leach (2)
Caralluma caudata N.E.Br. var. *milleri* Nel (2)
Perennial. Succulent. Ht 40–150 mm. Alt 800–1200 m. N, B

ciliata (Thunb.) L.C.Leach
Diplocyatha ciliata (Thunb.) N.E.Br. (2)
Stapelia ciliata Thunb. (2)
Perennial. Succulent. Ht 40–120 mm. Alt 600–1200 m. NC, WC

conjuncta (A.C.White & B.Sloane) Bruyns
Orbeanthus conjunctus (A.C.White & B.Sloane) L.C.Leach (2)
Stultitia conjuncta A.C.White & B.Sloane (2)
Perennial. Creeping succulent. Length 50–200 mm. Alt 900–1600 m. LIM

cooperi (N.E.Br.) L.C.Leach
Stapelia cooperi N.E.Br. (2)
Stapeliopsis cooperi (N.E.Br.) E.Phillips, illegitimate name (2)
Stultitia cooperi (N.E.Br.) E.Phillips (2)
Perennial. Succulent. Ht 20–60 mm. Alt 900–1500 m. NW, FS, NC

gerstneri (Letty) Bruyns subsp. **elongata** (R.A.Dyer) Bruyns
Caralluma gerstneri Letty subsp. *elongata* R.A.Dyer (2)
Orbeopsis gerstneri (Letty) L.C.Leach subsp. *elongata* (R.A.Dyer) L.C.Leach (2)
Perennial. Succulent. Ht 30–100 mm. Alt 900–1600 m. LIM, M

gerstneri (Letty) Bruyns subsp. **gerstneri**
Caralluma gerstneri Letty (2)
Orbeopsis gerstneri (Letty) L.C.Leach subsp. *gerstneri* (2)
Perennial. Succulent. Ht 30–70 mm. Alt 250–700 m. S, KZN

hardyi (R.A.Dyer) Bruyns
Orbeanthus hardyi (R.A.Dyer) L.C.Leach (2)
Stultitia hardyi R.A.Dyer (2)
Perennial. Creeping succulent. Length 30–300 mm. Alt 900–1500 m. LIM, M

huillensis (Hiern) Bruyns subsp. **flava** Bruyns
Perennial. Succulent. Ht 40–120 mm. Alt ± 1200 m. N

huillensis (Hiern) Bruyns subsp. **huillensis**
Caralluma tsumebensis Oberm. (2)
Orbeopsis tsumebensis (Oberm.) L.C.Leach (2)
Perennial. Succulent. Ht 0.04–0.5 m. Alt 900–1300 m. N, B

irrorata (Masson) L.C.Leach = **O. verrucosa**

knobelii (E.Phillips) Bruyns
Caralluma knobelii (E.Phillips) E.Phillips (2)
Caralluma langii A.C.White & B.Sloane (2)
Caralluma kalaharica Nel in A.C.White & B.Sloane (2)
Orbeopsis knobelii (E.Phillips) L.C.Leach (2)
Stapelia knobelii E.Phillips (2)
Perennial. Succulent. Ht 30–100 mm. Alt 900–1100 m. B, NW, NC

longidens (N.E.Br.) L.C.Leach
Stapelia longidens N.E.Br. (2)
Perennial. Succulent. Ht 50–120 mm. Alt 10–100 m. KZN

lugardii (N.E.Br.) Bruyns
Angolluma lugardii (N.E.Br.) Plowes (2)
Caralluma longicuspis N.E.Br. (2)
Caralluma lugardii N.E.Br. (2)
Pachycymbium lugardii (N.E.Br.) M.G.Gilbert (2)
Perennial. Succulent. Ht 0.04–0.15 m. Alt 600–1700 m. N, B, LIM, NW, NC

lutea (N.E.Br.) Bruyns subsp. **lutea**
Caralluma lateritia N.E.Br. (2)
Caralluma lutea N.E.Br. (2)
Caralluma lutea N.E.Br. var. *lateritia* (N.E.Br.) Nel (2)
Caralluma vansonii Bremek. & Oberm. (2)
Orbeopsis lutea (N.E.Br.) L.C.Leach subsp. *lutea* (2)
Perennial. Succulent. Ht 30–120 mm. Alt 500–1500 m. B, LIM, NW, G, FS

lutea (N.E.Br.) Bruyns subsp. **vaga** (N.E.Br.) Bruyns
Caralluma lutea N.E.Br. subsp. *vaga* (N.E.Br.) L.C.Leach (2)
Caralluma nebrownii A.Berger (2)
Caralluma nebrownii A.Berger var. *discolor* Nel (2)
Caralluma nebrownii A.Berger var. *pseudonebrownii* (Dinter) A.C.White & B.Sloane (2)
Caralluma pseudonebrownii Dinter (2)
Caralluma vaga (N.E.Br.) A.C.White & B.Sloane (2)
Orbeopsis lutea (N.E.Br.) L.C.Leach subsp. *vaga* (N.E.Br.) L.C.Leach (2)
Stapelia vaga N.E.Br. (2)
Perennial. Succulent. Ht 30–120 mm. Alt 800–1700 m. N, NC

macloughlinii (I.Verd.) L.C.Leach
O. speciosa L.C. Leach (2)
Stapelia macloughlinii I.Verd. (2)
Perennial. Succulent. Ht 40–100 mm. Alt 500–700 m. KZN, EC

maculata (N.E.Br.) L.C.Leach subsp. **kaokoensis** Bruyns

Perennial. Succulent. Ht 40–100 mm. Alt 1200–1800 m. N

maculata (N.E.Br.) L.C.Leach subsp. **maculata**
Caralluma grandidens I.Verd. (2)
Caralluma maculata N.E.Br. (2)
Perennial. Succulent. Ht 40–100 mm. Alt 300–1200 m. B, LIM, M, KZN

maculata (N.E.Br.) L.C.Leach subsp. **rangeana** (Dinter & A.Berger) Bruyns
Caralluma maculata N.E.Br. var. *brevidens* H.Huber (2)
Caralluma rangeana Dinter & A.Berger (2)
O. rangeana (Dinter & A.Berger) L.C.Leach (2)
Piaranthus streyianus Nel (2)
Perennial. Succulent. Ht 20–80 mm. Alt 350–2400 m. N

melanantha (Schltr) Bruyns
Caralluma leendertziae N.E.Br. (2)
Caralluma melanantha (Schltr) N.E.Br. (2)
Caralluma rubiginosa Werderm. (2)
Orbeopsis melanantha (Schltr.) L.C.Leach (2)
Stapelia furcata N.E.Br. (2)
Stapelia melanantha Schltr. (2)
Perennial. Succulent. Ht 30–100 mm. Alt 1000–1700 m. LIM, G, M

miscella (N.E.Br.) Meve
Angolluma miscella (N.E.Br.) Plowes (2)
Caralluma bredae R.A.Dyer var. *bredae* (2)
Caralluma bredae R.A.Dyer var. *thomallae* R.A.Dyer (2)
Pachycymbium miscellum (N.E.Br.) M.G.Gilbert (2)
Stapelia miscella N.E.Br. (2)
Stultitia miscella (N.E.Br.) C.A.Lückh. (2)
Perennial. Dwarf succulent. Ht 10–70 mm. Alt 500–1500 m. NC, WC, EC

namaquensis (N.E.Br.) L.C.Leach
Stapelia namaquensis N.E.Br. (2)
Stapelia tridentata (N.E.Br.) Rüst (2)
Perennial. Succulent. Ht 30–100 mm. Alt 200–1500 m. NC

namaquensis (N.E.Br.) L.C.Leach × **Stapelia hirsuta** L.
Stapelia barklyi N.E.Br. (2)
Perennial. Succulent. Ht? Alt? NC

paradoxa (I.Verd.) L.C.Leach
Stultitia paradoxa I.Verd. (2)
Perennial. Succulent. Ht 30–60 mm. Alt 20–300 m. M, S, KZN

pulchella (Masson) L.C.Leach
Stapelia pulchella Masson (2)
Perennial. Succulent. Ht 25–100 mm. Alt 20–400 m. EC

rangeana (Dinter & A.Berger) L.C.Leach = **O. maculata** subsp. **rangeana**

rogersii (L.Bolus) Bruyns
Angolluma rogersii (L.Bolus) Plowes (2)
Caralluma rogersii (L.Bolus) E.A.Bruce & R.A.Dyer (2)
Pachycymbium rogersii (L.Bolus) M.G.Gilbert (2)
Stapelia rogersii L.Bolus (2)
Perennial. Succulent. Ht 30–100 mm. Alt 500–1200 m. B, LIM, M, KZN

schweinfurthii (A.Berger) Bruyns
Angolluma schweinfurthii (A.Berger) Plowes (2)
Caralluma schweinfurthii A.Berger (2)
Pachycymbium schweinfurthii (A.Berger) M.G.Gilbert (2)
Perennial. Creeping succulent. Ht 20–40 mm. Alt 900–1100 m. N, B

speciosa L.C.Leach = **O. macloughlinii**

tapscottii (I.Verd.) L.C.Leach
Stapelia tapscottii I.Verd. (2)
Stultitia tapscottii (I.Verd.) E.Phillips (2)
Perennial. Succulent. Ht 50–120 mm. Alt 1000–1500 m. B, LIM, NW, G, M

ubomboensis (I.Verd.) Bruyns
Angolluma ubomboensis (I.Verd.) Plowes (2)
Caralluma ubomboensis I.Verd. (2)
Pachycymbium ubomboense (I.Verd.) M.G.Gilbert (2)
Perennial. Dwarf succulent. Ht 15–80 mm. Alt 300–1400 m. LIM, S, KZN

valida (N.E.Br.) Bruyns subsp. **valida**
Caralluma valida N.E.Br. (2)
Orbeopsis valida (N.E.Br.) L.C.Leach (2)
Perennial. Succulent. Ht 40–200 mm. Alt 900–1200 m. N, B

valida (N.E.Br.) Bruyns subsp. **occidentalis** Bruyns
Perennial. Succulent. Ht 40–150 mm. Alt 1000–1500 m. N, B

variegata (L.) Haw.
Stapelia lepida Jacq. (2)
Stapelia variegata L. (2)
Perennial. Succulent. Ht 25–100 mm. Alt 5–1000 m. WC, EC

verrucosa (Masson) L.C.Leach
O. irrorata (Masson) L.C.Leach (2)
O. verrucosa (Masson) L.C.Leach var. *fucosa* (N.E.Br.) L.C.Leach (2)
O. verrucosa (Masson) L.C.Leach var. *verrucosa* (2)
Stapelia fucosa N.E.Br. (2)
Stapelia irrorata Masson (2)
Stapelia pulchra Schult. (2)
Stapelia verrucosa Masson (2)
Perennial. Succulent. Ht 25–100 mm. Alt 20–1700 m. WC, EC

verrucosa (Masson) L.C.Leach var. *fucosa* (N.E.Br.) L.C.Leach = **O. verrucosa**

verrucosa (Masson) L.C.Leach var. *verrucosa* = **O. verrucosa**

woodii (N.E.Br.) L.C.Leach
Stapelia woodii N.E.Br. (2)
Stapelia woodii N.E.Br. var. *westii* R.A.Dyer (2)
Perennial. Succulent. Ht 40–60 mm. Alt 800–1200 m. KZN

ORBEANTHUS L.C.Leach 6885060

conjunctus (A.C.White & B.Sloane) L.C.Leach = **Orbea conjuncta**

hardyi (R.A.Dyer) L.C.Leach = **Orbea hardyi**

ORBEOPSIS L.C.Leach 6885070

albocastanea (Marloth) L.C.Leach = **Orbea albocastanea**

gerstneri (Letty) L.C.Leach subsp. *elongata* (R.A.Dyer) L.C.Leach = **Orbea gerstneri** subsp. **elongata**

gerstneri (Letty) L.C.Leach subsp. *gerstneri* = **Orbea gerstneri** subsp. **gerstneri**

knobelii (E.Phillips) L.C.Leach = **Orbea knobelii**

lutea (N.E.Br.) L.C.Leach subsp. *lutea* = **Orbea lutea** subsp. **lutea**

lutea (N.E.Br.) L.C.Leach subsp. *vaga* (N.E.Br.) L.C.Leach = **Orbea lutea** subsp. **vaga**

melanantha (Schltr.) L.C.Leach = **Orbea melanantha**

tsumebensis (Oberm.) L.C.Leach = **Orbea huillensis** subsp. **huillensis**

valida (N.E.Br.) L.C.Leach = **Orbea valida** subsp. **valida**

ORTHANTHERA Wight 6862000

(1) Huber. 1967. *FSWA* 114: 46, 47.

albida Schinz
Perennial. Shrub. Ht 0.3–1 m. Alt 300–800 m. N

browniana Schinz = **O. jasminiflora**

jasminiflora (Decne.) Schinz
Barrowia jasminiflora Decne. (1)
O. browniana Schinz (1)
Perennial. Creeper. Length up to 3 m. Alt 800–1500 m. N, B

PACHYCARPUS E.Mey. 6787010

(1) Brown. 1909. FC 4,1: 315–418.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 210, 219.
(3) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1093.
(4) Smith. 1980. *Taxonomic studies in* Pachycarpus *(Asclepiadaceae) in southern Africa*. M.Sc. thesis. University of Natal, Pietermaritzburg.
(5) Smith. 1988. *South African Journal of Botany* 54: 399–439.
(6) Nicholas & Goyder. 1990. *Bothalia* 20: 87–90.
(7) Goyder. 1998. *Kew Bulletin* 53,2: 335–374.
(8) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

albens E.Mey. = **Asclepias albens**

appendiculatus E.Mey.
Asclepias appendiculata (E.Mey.) Schltr. (5)
Gomphocarpus appendiculatus (E.Mey.) Decne. (5)
Gomphocarpus macroglossus Turcz. (5)
Xysmalobium appendiculatum (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.25–0.5 m. Alt 140–1000 m. M, S, KZN, EC

asperifolius Meisn.
Asclepias valida (Schltr.) Schltr. (5)
Gomphocarpus asperifolius (Meisn.) Walp. (5)
Gomphocarpus validus Schltr. (5)
P. inconstans N.E.Br. (5)
P. validus (Schltr.) N.E.Br. (5)
Perennial. Geophytic herb. Ht 0.3–1.1 m. Alt 60–1700 m. LIM, G, M, S, KZN, EC

campanulatus (Harv.) N.E.Br. var. **campanulatus**
Gomphocarpus campanulatus Harv. (5)
Perennial. Geophytic herb. Ht 150–800 mm. Alt 1000–2075 m. KZN, EC

campanulatus (Harv.) N.E.Br. var. **sutherlandii** N.E.Br.
Asclepias gerrardii (Harv.) Schltr. (5)
Gomphocarpus gerrardii Harv. (5)
P. gerrardii (Harv.) N.E.Br. (5)
Schizoglossum gerrardii (Harv.) Benth. & Hook.f. (5)
Perennial. Geophytic herb. Ht 150–800 mm. Alt 1100–2100 m. LIM, G, M, S, FS, KZN, EC

concolor E.Mey.
Asclepias concolor (E.Mey.) Schltr. (5)
Asclepias geminiflora (Schltr.) Schltr. (5)
Gomphocarpus concolor (E.Mey.) Decne. (5)
Gomphocarpus geminiflorus Schltr. (5)
Xysmalobium concolor (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.2–0.7(–1) m. Alt 10–1700 m. B, LIM, NW, G, M, S, KZN, EC

coronarius E.Mey.
Gomphocarpus coronarius (E.Mey.) Decne. (5)
Xysmalobium coronarium (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.5–0.7 m. Alt 100–500 m. KZN, EC

crispus (P.J.Bergius) E.Mey. = **Asclepias crispa** var. **crispa**

dealbatus E.Mey.
Asclepias alatus Schltr. (5)
Asclepias dealbata (E.Mey.) Schltr. (5)
Gomphocarpus alatus Schltr. (5)
Gomphocarpus dealbatus (E.Mey.) Decne. (5)
P. ligulatus E.Mey. (5)
Xysmalobium dealbatum (E.Mey.) D.Dietr. (5)
Xysmalobium ligulatum D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.15–0.6 m. Alt 250–1600 m. KZN, WC, EC

decorus N.E.Br.
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 450–1800 m. M, S, KZN

galpinii (Schltr.) N.E.Br.
Asclepias galpinii (Schltr.) Schltr. (5)
Gomphocarpus galpinii Schltr. (5)
Perennial. Geophytic herb. Ht 0.2–0.3 m. Alt 1220–1800 m. M, S

gerrardii (Harv.) N.E.Br. = **P. campanulatus** var. **sutherlandii**

gomphocarpoides E.Mey. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**

grandiflorus (L.f.) E.Mey. subsp. **grandiflorus**
Asclepias grandiflora L.f. (1)
Asclepias grandiflora L.f. var. *chrysantha* Schltr. (5)
Gomphocarpus grandiflorus (L.f.) Decne. (5)
P. grandiflorus (L.f.) E.Mey. var. *chrysanthus* N.E.Br. (5)
P. grandiflorus (L.f.) E.Mey. var. *elatocarinatus* N.E.Br. (5)
Xysmalobium grandiflorum (L.f.) R.Br. (5)
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 30–1800 m. M, KZN, EC

grandiflorus (L.f.) E.Mey. subsp. **tomentosus** (Schltr.) Goyder
Gomphocarpus grandiflorus (L.f.) Decne var. *tomentosus* Schltr. (5)
P. grandiflorus (L.f.) E.Mey. var. *tomentosus* (Schltr.) N.E.Br. (7)
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt? M, KZN

grandiflorus (L.f.) E.Mey. var. *chrysanthus* N.E.Br. = **P. grandiflorus** subsp. **grandiflorus**

grandiflorus (L.f.) E.Mey. var. *elatocarinatus* N.E.Br. = **P. grandiflorus** subsp. **grandiflorus**

grandiflorus (L.f.) E.Mey. var. *tomentosus* (Schltr.) N.E.Br. = **P. grandiflorus** subsp. **tomentosus**

humilis E.Mey. = **Asclepias humilis**

inconstans N.E.Br. = **P. asperifolius**

insignis (Schltr.) N.E.Br. = **P. transvaalensis**

lebomboensis D.M.N.Sm.
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt? KZN

ligulatus E.Mey. = **Pachycarpus dealbatus**

linearis (E.Mey.) N.E.Br.
Asclepias linearis (E.Mey.) Schltr. (5)
Gomphocarpus linearis (E.Mey.) D.Dietr. (5)
Lagarinthus linearis E.Mey. (1)
Perennial. Geophytic herb. Ht 280–650 mm. Alt (100–)750–900 m. KZN, EC

lineolatus (Decne.) Bullock
Asclepias lineolata (Decne.) Schltr. (7)
Asclepias schweinfurthii N.E.Br. (7)
Gomphocarpus lineolatus Decne. (7)
P. schweinfurthii (N.E.Br.) Bullock (7)
Perennial. Geophytic herb. Ht 0.4–1.5 m. Alt 700–2500 m. N

mackenii (Harv.) N.E.Br.
Asclepias mackenii (Harv.) Schltr. (5).
Gomphocarpus mackenii Harv. (5)

Perennial. Geophytic herb. Ht 0.3–0.4 m. Alt? KZN

macrochilus (Schltr.) N.E.Br.
Asclepias macrochila Schltr. (5)
Perennial. Geophytic herb. Ht 0.15–0.3 m. Alt 1700–2600 m. G, M, FS, KZN, L, EC

marginatus E.Mey. = **Woodia mucronata**

natalensis N.E.Br.
Perennial. Geophytic herb. Ht 0.3–0.52 m. Alt 760–1150 m. KZN, EC

orbicularis E.Mey. = **Xysmalobium orbiculare**

plicatus N.E.Br.
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 760–1100(–2200) m. KZN, EC

reflectens E.Mey.
Asclepias reflectens (E.Mey.) Schltr. (5)
Gomphocarpus reflectens (E.Mey.) Decne. (5)
Xysmalobium reflectens (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.3–0.55 m. Alt 200–1400 m. EC

rigidus E.Mey.
Asclepias rigidus (E.Mey.) Schltr. (5)
Gomphocarpus rigidus (E.Mey.) Decne. (5)
Gomphocarpus rigidus (E.Mey.) Decne. var. *tridens* (E.Mey.) Decne. (5)
P. rigidus E.Mey. var. *tridens* E.Mey. (5)
Xysmalobium rigidum (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 600–2000 m. G, M, S, FS, KZN, L, EC

rigidus E.Mey. var. *tridens* E.Mey. = **P. rigidus**

rostratus N.E.Br.
Perennial. Geophytic herb. Ht ± 200 mm. Alt? KZN

scaber (Harv.) N.E.Br.
Asclepias scabra (Harv.) Schltr. (5)
Gomphocarpus scaber Harv. (5)
Perennial. Geophytic herb. Ht 0.3–0.75 m. Alt 750–1850 m. M, S, KZN, EC

schinzianus (Schltr.) N.E.Br.
Asclepias schinzianus (Schltr.) Schltr. (5)
Gomphocarpus schinzianus Schltr. (5)
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 1220–1525 m. LIM, NW, G, M, FS, KZN

schweinfurthii (N.E.Br.) Bullock = **P. lineolatus**

stelliceps N.E.Br.
Perennial. Geophytic herb. Ht 200–300 mm. Alt ± 1500 m. S

stenoglossus (E.Mey.) N.E.Br.
P. vexillaris E.Mey. var. *stenoglossus* E.Mey. (5)
Perennial. Geophytic herb. Ht 0.15–0.2 m. Alt 1830–2100 m. EC

suaveolens (Schltr.) Nicholas & Goyder
Asclepias macra Schltr. (6)
Asclepias suaveolens Schltr. (6)
Gomphocarpus suaveolens Schltr. (6)
Perennial. Geophytic herb. Ht 0.2–0.3 m. Alt 1400–2000 m. M, S

transvaalensis (Schltr.) N.E.Br.
Asclepias insignis (Schltr.) Schltr. (5)
Asclepias transvaalensis (Schltr.) Schltr. (5)
Gomphocarpus insignis Schltr. (5)
Gomphocarpus transvaalensis Schltr. (5)
P. insignis (Schltr.) N.E.Br. (5)
Perennial. Geophytic herb. Ht 0.2–0.7 m. Alt 762–1570 m. LIM, M, S, KZN

validus (Schltr.) N.E.Br. = **P. asperifolius**

vexillaris E.Mey.
Asclepias vexillare (E.Mey.) Schltr. (5)
Xysmalobium vexillare (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 1200–2600 m. L, WC, EC

vexillaris E.Mey. var. *stenoglossus* E.Mey. = **P. stenoglossus**

viridiflorus E.Mey. = **Asclepias dregeana** var. **dregeana**

PACHYCYMBIUM L.C.Leach 6885080

carnosum (Stent) L.C.Leach = **Orbea carnosa** subsp. **carnosa**

keithii (R.A.Dyer) L.C.Leach = **Orbea carnosa** subsp. **keithii**

lancasteri Lavranos = **Orbea carnosa** subsp. **keithii**

lugardii (N.E.Br.) M.G.Gilbert = **Orbea lugardii**

miscellum (N.E.Br.) M.G.Gilbert = **Orbea miscella**

rogersii (L.Bolus) M.G.Gilbert = **Orbea rogersii**

schweinfurthii (A.Berger) M.G.Gilbert = **Orbea schweinfurthii**

ubomboense (I.Verd.) M.G.Gilbert = **Orbea ubomboensis**

PACHYPODIUM Lindl. 6681000

(1) Codd. 1963. *FSA* 26: 288, 289.
(2) Kupicha. 1985. *FZ* 7,2: 462–464.

bispinosum (L.f.) A.DC.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 15–685 m. EC

lealii Welw.
Perennial. Tree, shrub, succulent. Ht 2–6 m. Alt 780–1400 m. N

namaquanum (Wyley ex Harv.) Welw.
Perennial. Succulent. Ht 1–3 m. Alt 244–1060 m. N, NC

saundersii N.E.Br.
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 75–1200 m. LIM, M, S, KZN

succulentum (L.f.) Sweet
Perennial. Shrub, succulent. Ht 0.1–1.5 m. Alt 288–1500 m. FS, NC, WC, EC

PARAPODIUM E.Mey. 6762000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 410.
(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

costatum E.Mey.
Metastelma costatum (E.Mey.) D.Dietr. (1)
Rhombonema luridum Schltr. (1)
Perennial. Geophytic herb. Ht 75–280 mm. Alt 1050–1555 m. B, NW, G, M, FS, KZN, L, EC

crispum N.E.Br.
Perennial. Geophytic herb. Ht 150–200 mm. Alt 500–1800 m. EC

simile N.E.Br.
Perennial. Geophytic herb. Ht 150–250 mm. Alt ± 1200 m. G, FS, KZN

PECTINARIA Haw. 6889000

(1) Bruyns. 1981. *Cactus and Succulent Journal of Great Britain* 43: 61–83.

arcuata N.E.Br. = **Ophionella arcuata** subsp. **arcuata**

articulata (Aiton) Haw. subsp. **articulata**
Stapelia articulata Aiton (1)
Perennial. Succulent. Ht 20–40 mm. Alt 1000–1600 m. NC

articulata (Aiton) Haw. subsp. **asperiflora** (N.E.Br.) Bruyns
P. asperiflora N.E.Br. (1)
Perennial. Succulent. Ht 20–40 mm. Alt 800–1400 m. NC, WC

articulata (Aiton) Haw. subsp. **borealis** Bruyns
Perennial. Succulent. Ht 20–40 mm. Alt 600–1300 m. NC

articulata (Aiton) Haw. subsp. **namaquensis** (N.E.Br.) Bruyns
P. articulata (Aiton) Haw. var. *namaquensis* N.E.Br. (1)
Perennial. Succulent. Ht 20–40 mm. Alt 900–1200 m. NC

articulata (Aiton) Haw. var. *namaquensis* N.E.Br. = **P. articulata** subsp. **namaquensis**

asperiflora N.E.Br. = **P. articulata** subsp. **asperiflora**

breviloba R.A.Dyer = **Stapeliopsis breviloba**

exasperata Bruyns = **Stapeliopsis exasperata**

longipes (N.E.Br.) Bruyns subsp. **longipes**
Caralluma longipes N.E.Br. (1)
Perennial. Succulent. Ht 15–100 mm. Alt 1000–1450 m. NC, WC

longipes (N.E.Br.) Bruyns subsp. **villetii** (C.A.Lückh.) Bruyns
Caralluma longipes N.E.Br. var. *villetii* C.A.Lückh. (1)
Perennial. Succulent. Ht 15–100 mm. Alt 800–950 m. NC

maughanii (R.A.Dyer) Bruyns
Caralluma maughani R.A.Dyer (1)
Perennial. Succulent. Ht 15–100 mm. Alt 600–1000 m. NC

mirkinii Pillans = **Ophionella arcuata** subsp. **mirkinii**

pillansii N.E.Br. = **Stapeliopsis pillansii**

saxatilis N.E.Br. = **Stapeliopsis saxatilis**

stayneri M.B.Bayer = **Stapeliopsis stayneri**

tulipiflora C.A.Lückh. = **Stapeliopsis saxatilis**

PENTARRHINUM E.Mey. 6810000

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 423.
(2) Merxmüller. 1967. *FSWA* 114: 47, 48.
(3) Liede & Nicholas. 1992. *Kew Bulletin* 47: 475–490.
(4) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

abyssinicum Decne. subsp. **abyssinicum**
Perennial. Climber. Ht 0.2–0.25 m. Alt 380–1000 m. N, M, S

abyssinicum Decne. subsp. **angolense** (N.E.Br.) Liede & Nicholas
P. abyssinicum Decne. var. *angolense* N.E.Br. (3)
P. insipidum in sense of Bullock, misapplied name (3)
Perennial. Climber. Ht 0.2–0.25 m. Alt ± 1000 m. N

abyssinicum Decne. var. *angolense* N.E.Br. = **P. abyssinicum** subsp. **angolense**

insipidum E.Mey.
Perennial. Climber. Ht 0.2–0.3 m. Alt (5–)600–1700 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

insipidum in sense of Bullock, misapplied name = **P. abyssinicum** subsp. **angolense**

PENTATROPIS R.Br. 6853000

(1) Bullock. 1955. *Kew Bulletin* 10: 265–292.
(2) Bruyns. 1997. *South African Journal of Botany* 63: 241.

capensis (L.f.) Bullock (insufficiently known)
Asclepias microphylla Roth (2)
Asclepias microphylla Roxb., naked name (2)
Cynanchum acuminatum Thunb. (2)
Cynanchum capense L.f. (2)
Cynoctonum capense (L.f.) E.Mey. (2)
P. microphylla (Roth) Wall. (2)
Vincetoxicum capense (L.f.) Kuntze (2)

microphylla (Roth) Wall. = **P. capensis**

PENTOPETIA Decne. 6744000

natalensis Schltr. = **Ischnolepis natalensis**

PERGULARIA L. 6917000

(1) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1119.
(2) Huber. 1967. *FSWA* 114: 48, 49.

daemia (Forssk.) Chiov. var. **daemia**
Asclepias daemia Forssk. (1)
Daemia extensa R.Br. (2)
P. daemia (Forssk.) Chiov. var. *macrantha* Chiov. (1)
P. extensa N.E.Br. (2)
Perennial. Climber. Ht 1–6 m. Alt up to 1200 m. N, B

daemia (Forssk.) Chiov. var. **leiocarpa** (K.Schum.) H.Huber
P. garipensis (E.Mey.) N.E.Br. (1)
Perennial. Climber. Ht 1–6 m. Alt ?–1200 m. N, NC

daemia (Forssk.) Chiov. var. *macrantha* Chiov. = **P. daemia** var. **daemia**

extensa N.E.Br. = **P. daemia** var. **daemia**

garipensis (E.Mey.) N.E.Br. = **P. daemia** var. **leiocarpa**

PERIGLOSSUM Decne. 6783010

(1) Brown. 1909. *FC* 4: 315–418.
(2) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 844.
(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

angustifolium Decne.
Cordylogyne argillicola Dinter (3)
Cordylogyne globosa in sense of Meisn. (1)
Perennial. Geophytic herb. Ht 0.3–0.75 m. Alt 30–2000 m. NW, G, M, FS, KZN, L, NC, EC

kassnerianum Schltr. = **P. mackenii**

mackenii Harv.
Cordylogyne kassnerianum (Schltr.) Eyles (3)
Cordylogyne mossambicense (Schltr.) Eyles (3)
P. kassnerianum Schltr. (3)
P. mossambicense Schltr. (3)
Perennial. Geophytic herb. Ht 0.15–0.75 m. Alt 3–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

macrum (E.Mey.) Decne. = **Sisyranthus macer**

mossambicense Schltr. = **P. mackenii**

PETOPENTIA Bullock 6730020

natalensis (Schltr.) Bullock = **Ischnolepis natalensis**

PIARANTHUS R.Br. 6881000

(1) Bayer. 1976. *Bulletin of the African Succulent Plant Society* 11: 38–41.
(2) Meve. 1994. *Bradleya* 12: 57–102.
(3) Bruyns. 1999. *Systematic Botany* 24: 379–397.

atrosanguineus (N.E.Br.) Bruyns
Caralluma atrosanguinea (N.E.Br.) N.E.Br. (3)
Huerniopsis atrosanguinea (N.E.Br.) A.C.White & B.Sloane (3)
Huerniopsis gibbosa Nel in A.C.White & B.Sloane (3)
Huerniopsis papillata Nel in A.C.White & B.Sloane (3)
Stapelia atrosanguinea N.E.Br. (3)
Perennial. Succulent. Ht 20–40 mm. Alt 650–1500 m. B, LIM, NW

barrydalensis Meve = **P. geminatus**

comptus N.E.Br.
P. comptus N.E.Br. var. *ciliatus* N.E.Br. (2)
Perennial. Succulent. Ht 20–40 mm. Alt 500–1200 m. NC, WC

comptus N.E.Br. var. *ciliatus* N.E.Br. = **P. comptus**

cornutus N.E.Br. = **P. decorus** subsp. **cornutus**

cornutus N.E.Br. var. *grandis* N.E.Br. = **P. decorus** subsp. **cornutus**

decipiens (N.E.Br.) Bruyns
Huerniopsis decipiens N.E.Br. (3)
P. grivanus N.E.Br. (3)
Perennial. Succulent. Ht 20–40 mm. Alt 900–1600 m. N, B, NW, FS, NC

decorus (Masson) N.E.Br. subsp. **cornutus** (N.E.Br.) Meve
P. cornutus N.E.Br. (2)
P. cornutus N.E.Br. var. *grandis* N.E.Br. (2)
P. mennellii C.A.Lückh. (2)
P. nebrownii Dinter (2)
P. pallidus C.A.Lückh. (2)
P. pulcher N.E.Br. (2)
P. ruschii Nel (2)
Perennial. Succulent. Ht 20–50 mm. Alt 500–1600 m. N, FS, NC

decorus (Masson) N.E.Br. subsp. **decorus**
Perennial. Succulent. Ht 20–50 mm. Alt 400–1400 m. NC, WC

disparilis N.E.Br. = **P. geminatus** var. **geminatus**

disparilis N.E.Br. var. *immaculata* C.A.Lückh. = **P. geminatus** var. **geminatus**

foetidus N.E.Br. = **P. geminatus** var. **foetidus**

framesii Pillans
Perennial. Succulent. Ht 20–50 mm. Alt 500–1200 m. NC, WC

geminatus (Masson) N.E.Br. var. **foetidus** (N.E.Br.) Meve
P. foetidus N.E.Br. (2)
Perennial. Succulent. Ht 20–50 mm. Alt 150–1200 m. NC, EC

geminatus (Masson) N.E.Br. var. **geminatus**
P. barrydalensis Meve (3)
P. disparilis N.E.Br. (2)
P. disparilis N.E.Br. var. *immaculata* C.A.Lückh. (2)
P. globosus A.C.White & B.Sloane (2)
P. pillansii N.E.Br. var. *inconstans* N.E.Br. (2)
P. pillansii N.E.Br. var. *pillansii* (2)
Stapelia geminata Masson (2)
Perennial. Succulent. Ht 20–50 mm. Alt 250–1000 m. WC

globosus A.C.White & B.Sloane = **P. geminatus** var. **geminatus**

grivanus N.E.Br. = **P. decipiens**

mennellii C.A.Lückh. = **P. decorus** subsp. **cornutus**

nebrownii Dinter = **P. decorus** subsp. **cornutus**

pallidus C.A.Lückh. = **P. decorus** subsp. **cornutus**

parvulus N.E.Br.
Perennial. Succulent. Ht 20–50 mm. Alt 500–1000 m. WC

pillansii N.E.Br. var. *inconstans* N.E.Br. = **P. geminatus** var. **geminatus**

pillansii N.E.Br. var. *pillansii* = **P. geminatus** var. **geminatus**

pulcher N.E.Br. = **P. decorus** subsp. **cornutus**

punctatus (Masson) R.Br.
Stapelia punctata Masson (2)
Perennial. Succulent. Ht 20–50 mm. Alt 100–1200 m. WC, NC

ruschii Nel = **P. decorus** subsp. **cornutus**

streyianus Nel = **Orbea maculata** subsp. **rangeana**

QUAQUA N.E.Br. 6884010

(1) Bruyns. 1999. *Botanische Jahrbücher* 121: 311–402.

acutiloba (N.E.Br.) Bruyns
Caralluma acutiloba N.E.Br. (1)
Caralluma ortholoba Lavranos (1)
Caralluma wilfriedii Dinter, naked name (1)
Perennial. Succulent. Ht 40–150 mm. Alt 350–1600 m. N, NC, WC

arenicola (N.E.Br.) Plowes subsp. **arenicola**
Caralluma arenicola N.E.Br. (1)
Q. armata (N.E.Br.) Bruyns subsp. *arenicola* Bruyns (1)
Perennial. Succulent, shrub. Ht 50–150 mm. Alt 900–1500 m. WC, NC

arenicola (N.E.Br.) Plowes subsp. **pilifera** (Bruyns) Bruyns
Q. armata (N.E.Br.) Bruyns subsp. *pilifera* Bruyns (1)
Q. pilifera (Bruyns) Plowes (1)
Perennial. Succulent, shrub. Ht 50–150 mm. Alt 1200–1500 m. NC

arida (N.E.Br.) Plowes (insufficiently known)

armata (N.E.Br.) Bruyns subsp. *arenicola* Bruyns = **Q. arenicola** subsp. **arenicola**

armata (N.E.Br.) Bruyns subsp. **armata**
Caralluma armata N.E.Br. (1)
Perennial. Succulent, shrub. Ht 50–200 mm. Alt 50–600 m. NC, WC

armata (N.E.Br.) Bruyns subsp. **maritima** Bruyns
Q. maritima (Bruyns) Plowes (1)
Perennial. Succulent. Ht 50–200 mm. Alt 10–150 m. NC

armata (N.E.Br.) Bruyns subsp. *pilifera* Bruyns = **Q. arenicola** subsp. **pilifera**

aurea (C.A.Lückh.) Plowes
Caralluma aurea C.A.Lückh. (1)
Q. incarnata (L.f.) Bruyns subsp. *aurea* (C.A.Lückh.) Bruyns (1)
Perennial. Succulent. Ht 50–150 mm. Alt 300–900 m. NC, WC

bayeriana (Bruyns) Plowes
Q. parviflora (Masson) Bruyns subsp. *bayeriana* Bruyns (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–500 m. NC

cincta (C.A.Lückh.) Bruyns
Caralluma cincta C.A.Lückh. (1)
Q. inversa (N.E.Br.) Bruyns var. *cincta* (C.A.Lückh.) Bruyns (1)
Perennial. Succulent. Ht 50–250 mm. Alt 450–1100 m. NC, WC

confusa Plowes = **Q. parviflora** subsp. **confusa**

dependens (N.E.Br.) Plowes = **Q. parviflora** subsp. **dependens**

framesii (Pillans) Bruyns
Caralluma framesii Pillans (1)
Perennial. Succulent, shrub. Ht 50–200 mm. Alt 75–150 m. WC

gracilis (C.A.Lückh.) Plowes = **Q. parviflora** subsp. **gracilis**

hottentotorum N.E.Br. = **Q. incarnata** subsp. **hottentotorum**

incarnata (L.f.) Bruyns subsp. *aurea* (C.A.Lückh.) Bruyns = **Q. aurea**

incarnata (L.f.) Bruyns subsp. **hottentotorum** (N.E.Br.) Bruyns
Caralluma ausana Dinter & A.Berger (1)
Caralluma hottentotorum (N.E.Br.) N.E.Br. (1)
Q. hottentotorum N.E.Br. (1)
Perennial. Succulent, shrub. Ht 50–300 mm. Alt 100–1100 m. N, NC

incarnata (L.f.) Bruyns subsp. **incarnata**
Boucerosia incarnata (L.f.) N.E.Br. (1)
Caralluma incarnata (L.f.) N.E.Br. (1)
Caralluma incarnata (L.f.) N.E.Br. var. *alba* (G.Don) N.E.Br. (1)
Q. radiata Plowes (1)
Stapelia incarnata L.f. (1)
Perennial. Succulent, shrub. Ht 50–300 mm. Alt 5–300 m. WC

incarnata (L.f.) Bruyns subsp. *incarnata* var. *tentaculata* Bruyns = **Q. incarnata** subsp. **tentaculata**

incarnata (L.f.) Bruyns subsp. **tentaculata** (Bruyns) Bruyns
Q. incarnata (L.f.) Bruyns subsp. *incarnata* var. *tentaculata* Bruyns (1)
Q. tentaculata (Bruyns) Plowes (1)
Perennial. Succulent, shrub. Ht 50–300 mm. Alt 100–600 m. NC, WC

inversa (N.E.Br.) Bruyns
Caralluma inversa N.E.Br. (1)
Caralluma villetii C.A.Lückh. (1)
Perennial. Shrub, succulent. Ht 50–250 mm. Alt 150–350 m. NC, WC

inversa (N.E.Br.) Bruyns var. *cincta* (C.A.Lückh.) Bruyns = **Q. cincta**

linearis (N.E.Br.) Bruyns
Caralluma linearis N.E.Br. (1)
Perennial. Succulent, shrublet. Ht 50–200 mm. Alt 900–1200 m. WC

mammillaris (L.) Bruyns
Boucerosia mammillaris (L.) N.E.Br. (1)
Caralluma mammillaris (L.) N.E.Br. (1)
Caralluma winkleriana (Dinter) A.C.White & B.Sloane (1)
Sarcophagophilus winklerianus Dinter (1)
Stapelia mammillaris L. (1)
Stapelia pulla Aiton (1)
Perennial. Succulent, shrub. Ht 0.1–0.6 m. Alt 150–1100 m. N, NC, WC

maritima (Bruyns) Plowes = **Q. armata** subsp. **maritima**

marlothii (N.E.Br.) Bruyns
Caralluma marlothii N.E.Br. (1)
Caralluma marlothii N.E.Br. var. *viridis* E.Lamb. (1)
Caralluma simulans N.E.Br. (1)
Perennial. Succulent. Ht 50–200 mm. Alt 600–1400 m. NC, WC

multiflora (R.A.Dyer) Bruyns
Caralluma multiflora R.A.Dyer (1)
Perennial. Succulent, shrub. Ht 50–200 mm. Alt 950–1200 m. NC, WC

pallens Bruyns
Perennial. Succulent. Ht 0.06–0.3 m. Alt 600–900 m. NC

parviflora (Masson) Bruyns subsp. *bayeriana* Bruyns = **Q. bayeriana**

parviflora (Masson) Bruyns subsp. **confusa** (Plowes) Bruyns
Q. confusa Plowes (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 150–650 m. NC, WC

parviflora (Masson) Bruyns subsp. **dependens** (N.E.Br.) Bruyns
Caralluma dependens N.E.Br. (1)
Caralluma reflexa C.A.Lückh. (1)
Q. dependens (N.E.Br.) Plowes (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 100–600 m. WC

parviflora (Masson) Bruyns subsp. **gracilis** (C.A.Lückh.) Bruyns
Caralluma ericeta Nel (1)
Caralluma gracilis C.A.Lückh. (1)
Q. gracilis (C.A.Lückh.) Plowes (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–1000 m. NC, WC

parviflora (Masson) Bruyns subsp. **parviflora**
Caralluma parviflora (Masson) N.E.Br. (1)
Caralluma virescens C.A.Lückh. (1)
Stapelia parviflora Masson (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 100–400 m. NC, WC

parviflora (Masson) Bruyns subsp. *pulchra* Bruyns = **Q. pulchra**

parviflora (Masson) Bruyns subsp. **swanepoelii** (Lavranos) Bruyns
Caralluma swanepoelii Lavranos (1)
Q. swanepoelii (Lavranos) Plowes (1)
Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–1000 m. NC

pilifera (Bruyns) Plowes = **Q. arenicola** subsp. **pilifera**

pillansii (N.E.Br.) Bruyns
Caralluma pillansii N.E.Br. (1)
Perennial. Succulent, shrub. Ht 0.15–0.5 m. Alt 350–1100 m. WC, EC

pruinosa (Masson) Bruyns
Caralluma pruinosa (Masson) N.E.Br (1)
Caralluma pruinosa (Masson) N.E.Br. var. *nigra* C.A.Lückh. (1)
Stapelia pruinosa Masson (1)
Tromotriche pruinosa (Masson) Haw. (1)
Perennial. Shrub, succulent. Ht 0.1–0.5 m. Alt 250–1000 m. N, NC

pulchra (Bruyns) Plowes
Q. parviflora (Masson) Bruyns subsp. *pulchra* Bruyns
Perennial. Succulent. Ht 50–200 mm. Alt 75–150 m. WC

radiata Plowes = **Q. incarnata** subsp. **incarnata**

ramosa (Masson) Bruyns
Caralluma ramosa (Masson) N.E.Br. (1)
Stapelia ramosa Masson (1)
Perennial. Succulent. Ht 60–300 mm. Alt 400–1000 m. WC

swanepoelii (Lavranos) Plowes = **Q. parviflora** subsp. **swanepoelii**

tentaculata (Bruyns) Plowes = **Q. incarnata** subsp. **tentaculata**

RAPHIONACME Harv. 6747000

(1) Brown. 1907. *FC* 4: 532–539.
(2) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 853.
(3) Huber. 1967. *FSWA* 113: 5–7.
(4) Venter & Verhoeven. 1996. *South African Journal of Botany* 62,6: 316–320.
(5) Venter. In press. *South African Journal of Botany*.

burkei N.E.Br. = **R. velutina**

dinteri Schltr. ex Schinz = **R. velutina**

divaricata Harv. = **R. hirsuta**

divaricata Harv. var. *glabra* N.E.Br. = **R. hirsuta**

dyeri Retief & Venter
Perennial. Dwarf shrub, geophyte. Ht up to 0.2 m. Alt 1000–1400 m. LIM, NW, FS

elata N.E.Br. = **R. galpinii**

elsana Venter & R.L.Verh.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ± 100 m. KZN

flanaganii Schltr.
R. scandens N.E.Br. (1)
Perennial. Climber. Ht up to 2 m. Alt 10–1300 m. S, KZN, EC

galpinii Schltr.
R. elata N.E.Br. (5)
R. macrorrhiza Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 10–2100 m. LIM, NW, G, M, S, KZN, EC

haeneliae Venter & R.L.Verh.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 600–700 m. N

hirsuta (E.Mey.) R.A.Dyer ex E.Phillips
Apoxyanthera pubescens Hochst. (1)
Brachystelma hirsutum E.Mey. (2)
Mafekingia parquetiana Baill. (1)
R. divaricata Harv. (2)
R. divaricata Harv. var. *glabra* N.E.Br. (2)
R. hirsuta (E.Mey.) R.A.Dyer ex E.Phillips var. *glabra* (N.E.Br.) R.A.Dyer (7)
R. obovata Turcz. (1)
R. pubescens (Hochst.) Hochst. (1)
R. purpurea Harv. (1)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 5–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

hirsuta (E.Mey.) R.A.Dyer ex E.Phillips var. *glabra* (N.E.Br.) R.A.Dyer = **R. hirsuta**

inconspicua H.Huber
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 200–400 m. N, B

lanceolata Schinz
R. lanceolata Schinz var. *latifolia* N.E.Br. (5)
Perennial. Herb, geophyte. Ht up to 1 m. Alt 900–1200 m. N, B

lanceolata Schinz var. *latifolia* N.E.Br. = **R. lanceolata**

lobulata Venter & R.L.Verh.
Perennial. Climber. Ht up to 10 m. Alt 20–100 m. EC

lucens Venter & R.L.Verh.
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 5–20 m. KZN

macrorrhiza Schltr. = **R. galpinii**

monteiroae (Oliv.) N.E.Br.
Chlorocyathus monteiroae Oliv. (1)
Perennial. Climber. Ht 1–8 m. Alt 5–600 m. N, LIM

namibiana Venter & R.L.Verh.
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 1200–1600 m. N

obovata Turcz. = **R. hirsuta**

palustris Venter & R.L.Verh.
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 5–1400 m. KZN, EC

procumbens Schltr.
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 300–1700 m. LIM, M, S, KZN

pubescens (Hochst.) Hochst. = **R. hirsuta**

purpurea Harv. = **R. hirsuta**

scandens N.E.Br. = **R. flanaganii**

velutina Schltr.
R. burkei N.E.Br. (5)
R. dinteri Schltr. ex Schinz (3)
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 800–1600 m. N, B, LIM, NW, G, KZN, NC

zeyheri Harv.
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 100–610 m. EC

RAUVOLFIA L. 6619000

(1) Codd. 1963. *FSA* 26: 274–276.
(2) De Kruif. 1985. *FZ* 7,2: 458–462.

caffra Sond.
R. natalensis Sond. (1)
Perennial. Tree. Ht 2–21 m. Alt 0–1400 m. LIM, NW, G, M, S, KZN, WC, EC

natalensis Sond. = **R. caffra**

RHINOLOBIUM Arn. 6778050

tenue Arn. = **Aspidoglossum gracile**

RHOMBONEMA Schltr. 6816000

luridum Schltr. = **Parapodium costatum**

RHYSSOLOBIUM E.Mey. 6890000

(1) Brown. 1907–1909. *FC* 4: 315–418.

dumosum E.Mey.
Perennial. Shrub. Ht 0.06–0.5 m. Alt 20–200 m. N, NC

RIOCREUXIA Decne. 6875000

(1) Dyer. 1980. *FSA* 27: 83–88.

aberrans R.A.Dyer
Ceropegia brachysiphon H.Huber (1)
Perennial. Herb. Ht? Alt? M

alexandrina (H.Huber) R.A.Dyer
Ceropegia flanaganii (Schltr.) H.Huber var. *alexandrina* H.Huber (1)
R. flanaganii Schltr. subsp. *alexandrina* (H.Huber) R.A.Dyer (1)
Perennial. Climber. Ht? Alt 10–300 m. KZN

bolusii N.E.Br.
Perennial. Climber. Ht 1–3 m. Alt ± 600 m. EC

burchellii K.Schum.
R. flanaganii Schltr. subsp. *segregata* R.A.Dyer (1)
Perennial. Climber. Ht 1–5 m. Alt? NW, M, S, FS, KZN, L, NC, EC

flanaganii Schltr.
Ceropegia flanaganii (Schltr.) H.Huber var. *flanaganii* (1)
Perennial. Climber. Ht 0.5–1 m. Alt 10–600 m. EC

flanaganii Schltr. subsp. *alexandrina* (H.Huber) R.A.Dyer = **R. alexandrina**

flanaganii Schltr. subsp. *segregata* R.A.Dyer = **R. burchellii**

flanaganii Schltr. subsp. *woodii* (N.E.Br.) R.A.Dyer = **R. woodii**

picta Schltr.
Ceropegia picta (Schltr.) H.Huber (1)
Perennial. Climber. Ht 1–5 m. Alt? M, S, KZN, L

torulosa Decne.
R. torulosa Decne. var. *longidens* N.E.Br. (1)
R. torulosa Decne. var. *obsoleta* N.E.Br. (1)
R. torulosa Decne. var. *tomentosa* N.E.Br. (1)
Perennial. Climber. Ht 1–5 m. Alt 500–? m. M, FS, KZN, L, EC

torulosa Decne. var. *longidens* N.E.Br. = **R. torulosa**

torulosa Decne. var. *obsoleta* N.E.Br. = **R. torulosa**

torulosa Decne. var. *tomentosa* N.E.Br. = **R. torulosa**

woodii N.E.Br.
Ceropegia flanaganii (Schltr.) H.Huber var. *fallax* H.Huber (1)
R. flanaganii Schltr. subsp. *woodii* (N.E.Br.) R.A.Dyer (1)
Perennial. Climber. Ht? Alt? KZN

SARCOPHAGOPHILUS Dinter 6884110

winklerianus Dinter = **Quaqua mammillaris**

SARCOSTEMMA R.Br. 6849000

(1) Liede & Meve. 1993. *Botanical Journal of the Linnean Society* 112: 1–15.
(2) Meve & Liede. 1996. *Botanical Journal of the Linnean Society* 120: 21–38.

aphyllum (L.) R.Br., superfluous name = **S. viminale** subsp. **viminale**

daltonii Decne. = **S. viminale** subsp. **thunbergii**

pearsonii N.E.Br.
Perennial. Succulent, shrub. Ht 0.15–0.5 m. Alt 800–1950 m. N, NC

thunbergii Don = **S. viminale** subsp. **thunbergii**

viminale (L.) R.Br. subsp. **orangeanum** Liede & Meve
Perennial. Succulent, shrub to sprawling. Ht 0.2–0.5 m. Length up to 1.5 m. Alt 600–1800 m. FS, NC

viminale (L.) R.Br. subsp. **suberosum** Meve & Liede
Perennial. Succulent, climber. Ht 0.5–10 m. Alt 600–1000 m. LIM

viminale (L.) R.Br. subsp. **thunbergii** (Don) Liede & Meve
S. daltonii Decne. (2)
S. thunbergii Don (2)
Perennial. Succulent, shrub to sprawling. Ht 0.2–1 m. Length up to 2.5 m. Alt 100–1200 m. N, NC, WC, EC

viminale (L.) R.Br. subsp. **viminale**
Asclepias aphylla Thunb. (2)
Cynanchum aphyllum (Thunb.) Schltr. (2)
S. aphyllum (L.) R.Br., superfluous name (2)
Perennial. Succulent, climber. Ht 0.2–5 m. Alt 50–1500 m. N, B, LIM, M, S, FS, KZN, L, WC, EC

SCHIZOGLOSSUM E.Mey. 6778000

(1) Brown. 1907. *FC* 4: 588–662.
(1b) Druce. 1917. *The Botanical Exchange Club for the British Isles*, Suppl. 2: 645.
(2) Kupicha. 1984. *Kew Bulletin* 38: 600–625, 669.
(3) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 182, 183.

aciculare N.E.Br. = **Stenostelma capense**

addoense N.E.Br. = **Aspidoglossum gracile**

aemulum Schltr. = **S. cordifolium**

alpestre Schumann (non-*FSA*)

altissimum Schltr. = **Aspidoglossum interruptum**

amatolicum Hilliard
Perennial. Geophytic herb. Ht 250–600 mm. Alt? EC

anomalum N.E.Br. = **Miraglossum anomalum**

araneiferum Schltr. = **Aspidoglossum araneiferum**

aschersonianum Schltr. var. **aschersonianum**
Lagarinthus tenellus Turcz. (1)
Perennial. Geophytic herb. Ht 75–300 mm. Alt 183–1980 m. WC, EC

aschersonianum Schltr. var. **longipes** N.E.Br.
Perennial. Geophytic herb. Ht 230–250 mm. Alt? EC

aschersonianum Schltr. var. **pygmaeum** (Schltr.) N.E.Br.
S. pygmaeum Schltr. (1)
Perennial. Geophytic herb. Ht 50–75(–150) mm. Alt ?–765 m. EC

aschersonianum Schltr. var. **radiatum** N.E.Br.
Perennial. Geophytic herb. Ht 75–300 mm. Alt? WC

atropurpureum E.Mey. subsp. **atropurpureum**
Perennial. Geophytic herb. Ht 600–1300 mm. Alt 1200–2040 m. G, M, S, FS, KZN, L, EC

atropurpureum E.Mey. subsp. **tridentatum** (Schltr.) Kupicha
S. tridentatum Schltr. (2)
Perennial. Geophytic herb. Ht 160–550 mm. Alt 450–1524 m. EC

atropurpureum E.Mey. subsp. **virens** (E.Mey.) Kupicha
S. euphorbioides E.Mey. (2)
S. oblongum Schltr. (2)
S. virens E.Mey. (2)
Perennial. Geophytic herb. Ht 150–700 mm. Alt 30–915 m. KZN, EC

atropurpureum E.Mey. var. *lineatum* Schltr. = **S. cordifolium**

atrorubens Schltr. = **S. bidens** subsp. **atrorubens**

auriculatum N.E.Br. = **Aspidoglossum glanduliferum**

barbatum Schltr., illegitimate name = **Aspidoglossum glabrescens**

barberae Schltr. = **Aspidoglossum interruptum**

baumii Schltr. ex N.E.Br. = **Aspidoglossum masaicum**

biauriculatum Schltr. = **Aspidoglossum delagoense**

bidens E.Mey. subsp. **atrorubens** (Schltr.) Kupicha
Lagarinthus atrorubens (Schltr.) Bullock (2)
S. atrorubens Schltr. (2)
Perennial. Geophytic herb. Ht 210–650(–700) mm. Alt 1350–2220 m. G, KZN, WC?, EC

bidens E.Mey. subsp. **bidens**
S. truncatum Schltr. (2)
Perennial. Geophytic herb. Ht 90–220 mm. Alt 1300–2600 m. FS, KZN, L, EC

bidens E.Mey. subsp. **galpinii** (Schltr.) Kupicha
Lagarinthus galpinii (Schltr.) Bullock (2)
S. galpinii Schltr. (2)
Perennial. Geophytic herb. Ht 300–660(–700) mm. Alt 700–1700 m. M, S, L?

bidens E.Mey. subsp. **gracile** Kupicha
Lagarinthus diversus (N.E.Br.) Bullock (2)
S. diversum N.E.Br. (2)
S. umbellatum Schltr. (2)
Perennial. Geophytic herb. Ht 300–800 mm. Alt 45–365 m. EC

bidens E.Mey. subsp. **hirtum** Kupicha
Perennial. Geophytic herb. Ht ± 300 mm. Alt 1050–1500 m. KZN, EC

bidens E.Mey. subsp. **pachyglossum** (Schltr.) Kupicha
S. pachyglossum Schltr. var. *abbreviatum* N.E.Br. (2)
S. pachyglossum Schltr. var. *pachyglossum* (2)
Perennial. Geophytic herb. Ht 200–2500 mm. Alt 300–2500 m. M, S, FS, KZN, L, EC

bidens E.Mey. subsp. **productum** (N.E.Br.) Kupicha
S. pachyglossum Schltr. var. *productum* N.E.Br. (2)
Perennial. Geophytic herb. Ht (190–)300–520 mm. Alt 1230–1981 m. LIM, M, KZN?

biflorum (E.Mey.) Schltr. = **Aspidoglossum biflorum**

biflorum (E.Mey.) Schltr. var. *concinnum* (Schltr.) N.E.Br. = **Aspidoglossum biflorum**

biflorum (E.Mey.) Schltr. var. *integrum* N.E.Br. = **Aspidoglossum biflorum**

bilamellatum Schltr. = **Aspidoglossum lamellatum**

bilamellatum Schltr. var. *cordylogynoides* Schltr. = **Aspidoglossum lamellatum**

bolusii Schltr. = **Aspidoglossum gracile**

bowkerae N.E.Br. = **Aspidoglossum gracile**

buchananii N.E.Br. = **Aspidoglossum gracile**

burchellii N.E.Br. = **Aspidoglossum gracile**

capense (Schltr.) H.Huber = **Stenostelma capense**

capitatum Schltr. = **Asclepias dissona**

carinatum Schltr. = **Aspidoglossum carinatum**

ciliatum Schltr. = **Aspidoglossum fasciculare**

commixtum N.E.Br. = **Aspidoglossum glanduliferum**

conrathii Schltr. = **Aspidoglossum biflorum**

consimile N.E.Br. = **Aspidoglossum heterophyllum**

contracurvum N.E.Br. = **Aspidoglossum ovalifolium**

cordifolium E.Mey.
S. aemulum Schltr. (2)
S. atropurpureum E.Mey. var. *lineatum* Schltr. (2)
S. cordifolium E.Mey. var. *centralis* N.E.Br. (2)
S. divaricatum N.E.Br. (2)
S. hirsutum Turcz. (2)
Perennial. Geophytic herb. Ht 150–600 mm. Alt 5–1830 m. LIM, M, S, KZN, WC, EC

cordifolium E.Mey. var. *centralis* N.E.Br. = **S. cordifolium**

corniculatum (E.Mey.) R.A.Dyer = **Stenostelma corniculatum**

crassipes S.Moore
Perennial. Geophytic herb. Ht 35–380 mm. Alt ± 1000 m. FS, KZN, EC

davyi N.E.Br. = **Miraglossum davyi**

decipiens N.E.Br. = **S. stenoglossum** subsp. **flavum**

decipiens N.E.Br. var. *flavum* N.E.Br. = **S. stenoglossum** subsp. **flavum**

delagoense Schltr. = **Aspidoglossum delagoense**

dissimile N.E.Br. var. *dissimile* = **Aspidoglossum dissimile**

dissimile N.E.Br. var. *pubiflorum* N.E.Br. = **Aspidoglossum dissimile**

divaricatum N.E.Br. = **S. cordifolium**

diversum N.E.Br. = **S. bidens** subsp. **gracile**

dregei N.E.Br. = **Aspidoglossum gracile**

elingue N.E.Br. subsp. **elingue**
Perennial. Geophytic herb. Ht 100–280(–650) mm. Alt 1950–2700 m. KZN

elingue N.E.Br. subsp. **purpureum** Kupicha
Perennial. Geophytic herb. Ht 100–300 mm. Alt 2300–2700 m. KZN, L, EC

euphorbioides E.Mey. = **S. atropurpureum** subsp. **virens**

eustegioides (E.Mey.) Druce
Asclepias eustegioides (E.Mey.) Schltr. (1b)
Gomphocarpus eustegioides (E.Mey.) Decne. (1b)
Lagarinthus eustegioides E.Mey. (1b)
Perennial. Geophytic herb. Ht 25–380 mm. Alt ?–1525 m. G, FS, NC, EC

excisum Schltr. = **Aspidoglossum biflorum**

exile (Decne.) Schltr. = **Aspidoglossum gracile**

fasciculare (E.Mey.) Schltr. = **Aspidoglossum fasciculare**

filifolium Schltr. = **Aspidoglossum gracile**

filipes Schltr. = **Aspidoglossum gracile**

flanaganii Schltr. = **Aspidoglossum flanaganii**

flavum Schltr.
S. flavum Schltr. var. *lineare* N.E.Br. (2)
Perennial. Geophytic herb. Ht 700–300 mm. Alt (60–)915–2250 m. KZN, EC

flavum Schltr. var. *lineare* N.E.Br. = **S. flavum**

galpinii Schltr. = **S. bidens** subsp. **galpinii**

garcianum Schltr.
Perennial. Geophytic herb. Ht 150–250 mm. Alt 70–450 m. LIM, M, S, KZN

gerrardii (Harv.) Benth. & Hook.f. = **Pachycarpus campanulatus** var. **sutherlandii**

glabrescens Schltr. = **Aspidoglossum glabrescens**

glabrescens Schltr. var. *longirostre* (Schltr.) N.E.Br. = **Aspidoglossum glabrescens**

glanduliferum Schltr. = **Aspidoglossum glanduliferum**

grandiflorum Schltr. = **Aspidoglossum grandiflorum**

guthriei Schltr. = **Aspidoglossum gracile**

hamatum E.Mey.
S. hamatum E.Mey. var. *elegans* N.E.Br. (2)
S. hamatum E.Mey. var. *pallidum* N.E.Br. (2)
Perennial. Geophytic herb. Ht 250–600 mm. Alt 365–2200 m. KZN, EC

hamatum E.Mey. var. *elegans* N.E.Br. = **S. hamatum**

hamatum E.Mey. var. *pallidum* N.E.Br. = **S. hamatum**

harveyi N.E.Br. = **Aspidoglossum heterophyllum**

heterophyllum (E.Mey.) Schltr. var. *heterophyllum* = **Aspidoglossum heterophyllum**

heterophyllum (E.Mey.) Schltr. var. *majus* N.E.Br. = **Aspidoglossum heterophyllum**

heterophyllum (E.Mey.) Schltr. var. *schinzianum* N.E.Br. = **Aspidoglossum heterophyllum**

hilliardiae Kupicha
Perennial. Geophytic herb. Ht 90–340 mm. Alt 1800–2700 m. KZN, EC

hirsutum Turcz. = **S. cordifolium**

hirtiflorum N.E.Br. = **Aspidoglossum glabrescens**

huttoniae S.Moore = **Sisyranthus huttoniae**

ingomense N.E.Br.
Perennial. Geophytic herb. Ht 600–900 mm. Alt 1200–1500 m. KZN

interruptum (E.Mey.) Schltr. = **Aspidoglossum interruptum**

lamellatum Schltr. = **Aspidoglossum lamellatum**

linifolium Schltr. var. **centrirostratum** N.E.Br.
Perennial. Geophytic herb. Ht 300–750 mm. Alt ?–516 m. EC

linifolium Schltr. var. **linifolium**
Asclepias filiformis L.f., not of (E.Mey.) Benth. & Hook.f. (1)
Asclepias pachystephana Schltr. (1)
Asclepias tenuis (E.Mey.) Schltr. (1)
Gomphocarpus pachystephanus (Schltr.) Schltr. (1)
Gomphocarpus tenuis (E.Mey.) D.Dietr. (1)
Lagarinthus tenuis E.Mey. (1)
Perennial. Geophytic herb. Ht 300–750 mm. Alt 60–2045 m. FS, KZN, L, WC, EC

longirostre Schltr. = **Aspidoglossum glabrescens**

loreum S.Moore = **Aspidoglossum glabrescens**

lunatum Schltr. = **Aspidoglossum gracile**

macowanii N.E.Br. var. *macowanii* = **Aspidoglossum grandiflorum**

macowanii N.E.Br. var. *tugelense* N.E.Br. = **Aspidoglossum grandiflorum**

masaicum N.E.Br. = **Aspidoglossum masaicum**

montanum R.A.Dyer
Perennial. Geophytic herb. Ht 50–120 mm. Alt ?–2835 m. FS, KZN, L?

monticola Schltr. = **Aspidoglossum gracile**

nitidum Schltr.
S. wallacei Schltr. (2)
Perennial. Geophytic herb. Ht 70–300 mm. Alt 1200–1950 m. G, M, S, FS, KZN, L, EC

oblongum Schltr. = **S. atropurpureum** var. **virens**

ovalifolium Schltr. = **Aspidoglossum ovalifolium**

pachyglossum Schltr. var. *abbreviatum* N.E.Br. = **S. bidens** subsp. **pachyglossum**

pachyglossum Schltr. var. *pachyglossum* = **S. bidens** subsp. **pachyglossum**

pachyglossum Schltr. var. *productum* N.E.Br. = **S. bidens** subsp. **productum**

pallidum Schltr. = **Aspidoglossum restioides**

parcum N.E.Br. = **Aspidoglossum gracile**

parile N.E.Br. = **Aspidoglossum glanduliferum**

parvulum Schltr. var. *parvulum* = **Aspidoglossum gracile**

parvulum Schltr. var. *sessile* N.E.Br. = **Aspidoglossum gracile**

pedunculatum Schltr. = **Asclepias aurea**

peglerae N.E.Br.
Perennial. Geophytic herb. Ht 80–200 mm. Alt 30–600 m. KZN, EC

periglossoides Schltr.
Perennial Geophytic herb. Ht 220–500 mm. Alt 1200–1800 m. LIM, NW, G, M, KZN

pilosum Schltr. = **Miraglossum pilosum**

propinquum S.Moore = **Aspidoglossum lamellatum**

pulchellum Schltr. = **Miraglossum pulchellum**

pumilum Schltr. = **Aspidoglossum ovalifolium**

pygmaeum Schltr. = **S. aschersonianum** var. **pygmaeum**

quadridens N.E.Br.
Perennial. Geophytic herb. Ht 100–150 mm. Alt ± 1850 m. KZN

randii S.Moore = **Aspidoglossum restioides**

restioides Schltr. = **Aspidoglossum restioides**

robustum Schltr. var. *inandense* N.E.Br. = **Aspidoglossum ovalifolium**

robustum Schltr. var. *pubiflorum* N.E.Br. in part = **Aspidoglossum ovalifolium**

robustum Schltr. var. *pubiflorum* N.E.Br. in part = **Aspidoglossum validum**

robustum Schltr. var. *robustum* = **Aspidoglossum ovalifolium**

rubiginosum Hilliard
Perennial. Geophytic herb. Ht ± 600 mm. Alt ± 900 m. KZN

saccatum Bruyns
Perennial. Geophytic herb. Ht 70–200 mm. Alt ± 1400 m. N

schinzianum Schltr. = **Aspidoglossum heterophyllum**

schlechteri N.E.Br. = **Aspidoglossum glabrescens**

singulare Kupicha
Perennial. Geophytic herb. Ht ± 90 mm. Alt ± 2100 m. KZN

stenoglossum Schltr. subsp. **flavum** (N.E.Br.) Kupicha
S. decipiens N.E.Br. (2)
S. decipiens N.E.Br. var. *flavum* N.E.Br. (2)
Perennial. Geophytic herb. Ht 180–500 mm. Alt 1500–2100 m. KZN

stenoglossum Schltr. subsp. **latifolium** Kupicha
Perennial. Geophytic herb. Ht 150–510 mm. Alt 1050–2700 m. M, FS, KZN

stenoglossum Schltr. subsp. **stenoglossum**
S. stenoglossum Schltr. var. *longipes* Schltr. (2)
Perennial. Geophytic herb. Ht 250–450 mm. Alt 300–1500 m. KZN, EC

stenoglossum Schltr. var. *longipes* Schltr. = **S. stenoglossum** Schltr. var. **stenoglossum**

striatum Schltr. = **Aspidoglossum ovalifolium**

strictum Schltr. = **Aspidoglossum biflorum**

tenue (Arn.) Druce = **Aspidoglossum gracile**

tenuissimum Schltr. = **Aspidoglossum glabrescens**

tomentosum Schltr. = **Aspidoglossum gracile**

tricuspidatum Schltr. = **Aspidoglossum carinatum**

tridens N.E.Br. = **Aspidoglossum glabrescens**

tridentatum Schltr. = **S. atropurpureum** subsp. **tridentatum**

truncatum Schltr. = **S. bidens** subsp. **bidens**

tubulosum Schltr. = **Aspidoglossum biflorum**

umbellatum Schltr. = **S. bidens** subsp. **gracile**

umbelluliferum Schltr. = **Xysmalobium involucratum**

uncinatum N.E.Br. = **Aspidoglossum uncinatum**

unicum N.E.Br. = **Aspidoglossum glabrescens**

venustum Schltr. = **Aspidoglossum biflorum**

venustum Schltr. var. *concinnum* Schltr. = **Aspidoglossum biflorum**

verticillare Schltr. = **Miraglossum verticillare**

villosum Schltr. = **Aspidoglossum heterophyllum**

virens E.Mey. = **S. atropurpureum** subsp. **virens**

virgatum (E.Mey.) Schltr. = **Aspidoglossum virgatum**

wallacei Schltr. = **S. nitidum**

woodii Schltr. = **Aspidoglossum woodii**

SCHIZOSTEPHANUS Hochst. 6836000

alatus Hochst. ex K.Schum. = **Cynanchum validum**

SECAMONE R.Br. 6860000

(1) Goyder. 1992. *Kew Bulletin* 47: 437–474.

alpini Schult.
Periploca secamone L. (1)
S. thunbergii E.Mey. (1)
S. thunbergii E.Mey. var. *retusa* E.Mey. (1)
Perennial. Climber. Ht 1–10 m. Alt 5–2400 m. LIM, NW, M, S, KZN, WC, EC

delagoensis Schltr.
Perennial. Climber. Ht 1–5 m. Alt 10–100 m. KZN

emetica (Retz.) R.Br. ex Schult. var. *glabra* K.Schum. = **S. parvifolia**

filiformis (L.f.) J.H.Ross
Astephanus frutescens E.Mey. (1)
Celastrus filiformis L.f. (1)
S. frutescens (E.Mey.) Decne. (1)
Perennial. Climber. Ht 1–5 m. Alt 10–1500 m. LIM, NW, M, S, EC, KZN

frutescens (E.Mey.) Decne. = **S. filiformis**

gerrardii Harv. ex Benth.
Perennial. Climber. Ht 1–5 m. Alt 5–1800 m. LIM, M, S, KZN, EC

parvifolia (Oliv.) Bullock
Gymnema parvifolium Oliv. (1)
S. emetica (Retz.) R.Br. ex Schult. var. *glabra* K.Schum. (1)
Perennial. Climber. Ht 1–5 m. Alt 0–1500 m. B, LIM, NW, S, KZN

punctulata Decne.
Perennial. Climber. Ht 1–5 m. Alt ± 1200 m. N

thunbergii E.Mey. = **S. alpini**

thunbergii E.Mey. var. *retusa* E.Mey. = **S. alpini**

SISYRANTHUS E.Mey. 6861000

(1) Brown. 1908. *FC* 4,1: 786–794.
(2) Brown. 1909. *Kew Bulletin* 1909: 419, 420.

anceps Schltr.
Perennial. Geophytic herb. Ht 350–540 mm. Alt ± 900 m. KZN

barbatus (Turcz.) N.E.Br.
Lagarinthus barbatus Turcz. (1)
S. imberbis E.Mey. var. *barbatus* (Turcz.) Schltr. (1)
Perennial. Geophytic herb. Ht 300–500 mm. Alt 1200–1600 m. KZN, EC

compactus N.E.Br.
Perennial. Geophytic herb. Ht 150–360 mm. Alt ± 30 m. KZN, EC

expansum Schltr. = **S. trichostomus**

fanniniae N.E.Br.
Perennial. Geophytic herb. Ht 400–600 mm. Alt ± 230 m. KZN

franksiae N.E.Br.
Perennial. Geophytic herb. Ht 250–750 mm. Alt 30–850 m. KZN

huttoniae (S.Moore) S.Moore
Schizoglossum huttoniae S.Moore (1)
Perennial. Geophytic herb. Ht 300–410 mm. Alt 400–1750 m. M, S, KZN

imberbis E.Mey. var. *barbatus* (Turcz.) Schltr. = **S. barbatus**

imberbis Harv.
Perennial. Geophytic herb. Ht 180–960 mm. Alt 30–1830 m. LIM, G, M, S, FS, KZN, L, EC

macer (E.Mey.) Schltr.
Gomphocarpus macer (E.Mey.) D.Dietr. (1)
Lagarinthus macer E.Mey. (1)
Periglossum macrum (E.Mey.) Decne. (1)
Perennial. Geophytic herb. Ht 180–600 mm. Alt? EC

randii S.Moore
S. randii S.Moore var. *abbreviatus* S.Moore (1)
Perennial. Geophytic herb. Ht 450–760 mm. Alt 825–2000 m. LIM, NW, G, M, S, FS, KZN, L

randii S.Moore var. *abbreviatus* S.Moore = **S. randii**

rotatus Schltr. = **S. trichostomus**

saundersiae N.E.Br.
Perennial. Geophytic herb. Ht 450–760 mm. Alt 15–1700 m. KZN

schizoglossoides N.E.Br. = **Brachystelma schizoglossoides**

trichostomus K.Schum.
S. expansum Schltr. (1)
S. rotatus Schltr. (1)
S. virgatus E.Mey. var. *trichostomus* (K.Schum.) Harv. (1)
Perennial. Geophytic herb. Ht 350–800 mm. Alt 750–1700 m. KZN, EC

virgatus E.Mey.
Brachystelma virgatum Dieter. (1)
Perennial. Geophytic herb. Ht 450–760 mm. Alt 30–1500 m. S, KZN, EC

virgatus E.Mey. var. *trichostomus* (K.Schum.) Harv. = **S. trichostomus**

SPHAEROCODON Benth. 6896000

(1) Brown. 1903. *FTA* 4: 412.

melananthus N.E.Br.
Gymnema melananthum (N.E.Br.) K.Schum. ex Schltr. (1)
Perennial. Herb. Ht 0.1–0.25 m. Alt ± 1200 m. N

natalense (Meisn.) Hook.f.
Perennial. Herb. Ht 0.3–1 m. Alt 300–1200 m. LIM, NW, G, M, S, KZN

STAPELIA L. 6885000

(1) Leach. 1985. *Excelsa Taxonomic Series* 3: 1–157.

acuminata Masson
S. acuminata Masson var. *brevicuspis* N.E.Br. (1)
S. indocta Nel (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–900 m. NC, WC

acuminata Masson var. *brevicuspis* N.E.Br. = **S. acuminata**

affinis N.E.Br. = **S. hirsuta**

albipilosa Giess = **Tridentea marientalensis** subsp. **albipilosa**

albocastanea Marloth = **Orbea albocastanea**

ambigua Masson var. *ambigua* = **S. grandiflora**

ambigua Masson var. *fulva* Sweet = **S. grandiflora**

aperta Masson = **Tromotriche aperta**

arenosa C.A.Lückh.
S. beukmanii C.A.Lückh., illegitimate name (1)
S. stultitioides C.A.Lückh. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 700–1200 m. NC, WC

articulata Aiton = **Pectinaria articulata** subsp. **articulata**

asterias Masson
S. asterias Masson var. *gibba* N.E.Br. (1)
S. asterias Masson var. *lucida* (DC.) N.E.Br. (1)
S. lucida DC. (1)
Perennial. Succulent. Ht ± 0.15 m. Alt? NC, WC, EC

asterias Masson var. *gibba* N.E.Br. = **S. asterias**

asterias Masson var. *lucida* (DC.) N.E.Br. = **S. asterias**

atrosanguinea N.E.Br. = **Piaranthus atrosanguineus**

auobensis Nel = **Tridentea marientalensis** subsp. **marientalensis**

aurea Dinter = **Tridentea virescens**

ausana Dinter & A.Berger ex Dinter = **Tridentea jucunda**

barbata Masson = **Huernia barbata**

barklyi N.E.Br. = **Orbea namaquensis** × **Stapelia hirsuta**

baylissii L.C.Leach
Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–700 m. EC

bergeriana Dinter = **S. schinzii** var. **bergeriana**

beukmanii C.A.Lückh., illegitimate name = **S. arenosa**

cactiformis Hook. = **Larryleachia cactiformis**

caespitosa Masson var. *caespitosa* = **Duvalia caespitosa** var. **caespitosa**

caespitosa Masson var. *hirtella* (Jacq.) Loud. = **Duvalia caespitosa** var. **caespitosa**

campanulata Masson = **Huernia barbata**

cedrimontana Frandsen
Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 1000 m. WC

choanantha (Lavranos & H.Hall) R.A.Dyer = **Tromotriche choanantha**

ciliata Thunb. = **Orbea ciliata**

cincta Marloth = **Tridentea jucunda**

clavicorona I.Verd.
Perennial. Succulent, shrub. Ht 0.15–0.25 m. Alt 900–1200 m. LIM

compacta Schult. = **Duvalia caespitosa** var. **compacta**

concinna Masson (insufficiently known).

concinna Masson var. *paniculata* (Willd.) N.E.Br. = **S. paniculata**

conformis N.E.Br. = **S. macowanii** var. **conformis**

conformis N.E.Br. var. *abrasa* N.E.Br. = **S. macowanii** var. **conformis**

conformis N.E.Br. var. *conformis* = **S. macowanii** var. **conformis**

cooperi N.E.Br. = **Orbea cooperi**

corderoyi Hook.f. = **Duvalia corderoyi**

cyclista C.A.Lückh. = **S. gigantea**

desmetiana N.E.Br. = **S. grandiflora**

desmetiana N.E.Br. var. *apicalis* N.E.Br. = **S. grandiflora**

desmetiana N.E.Br. var. *desmetiana* = **S. grandiflora**

desmetiana N.E.Br. var. *fergusoniae* R.A.Dyer = **S. grandiflora**

desmetiana N.E.Br. var. *pallida* N.E.Br. = **S. grandiflora**

dinteri A.Berger = **Tridentea jucunda**

divaricata Masson
Perennial. Succulent. Ht 0.15–0.25 m. Alt 100–200 m. WC

dwequensis C.A.Lückh. = **Tridentea dwequensis**

elegans Masson = **Duvalia elegans**

engleriana Schltr.
Tromotriche engleriana (Schltr.) L.C.Leach (2)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 300–1200 m. NC, WC

erectiflora N.E.Br. var. **erectiflora**
Perennial. Succulent. Ht 0.1–0.25 m. Alt 400–800 m. WC

erectiflora N.E.Br. var. **prostratiflora** L.C.Leach
Perennial. Succulent. Ht 0.1–0.25 m. Alt 150–300 m. WC

fissirostris Jacq. = **S. rufa**

flavirostris N.E.Br. = **S. grandiflora**

flavopurpurea Marloth
S. fleckii A.Berger & Schltr. (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 800–1600 m. N, NC

fleckii A.Berger & Schltr. = **S. flavopurpurea**

forcipis E.Phillips & Letty = **S. glabricaulis**

fucosa N.E.Br. = **Orbea verrucosa**

furcata N.E.Br. = **Orbea melanantha**

gariepensis Pillans
S. johni-lavrani Halda (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 50–700 m. N, NC

geminata Masson = **Piaranthus geminatus** var. **geminatus**

gemmiflora Masson = **Tridentea gemmiflora**

gemmiflora Masson var. *densa* (N.E.Br.) N.E.Br. = **Tridentea gemmiflora**

gemmiflora Masson var. *hircosa* (Jacq.) N.E.Br. = **Tridentea gemmiflora**

gettliffei R.Pott
Perennial. Sprawling succulent. Ht 0.1–0.2 m. Alt 400–1100 m. B, LIM, M

gigantea N.E.Br.
S. cyclista C.A.Lückh. (1)
S. gigantea N.E.Br. var. *pallida* E.Phillips (1)
S. marlothii N.E.Br. (1)
S. nobilis N.E.Br. (1)
S. youngii N.E.Br. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 50–1200 m. LIM, NW, M, S, KZN

gigantea N.E.Br. var. *pallida* E.Phillips = **S. gigantea**

glabricaulis N.E.Br.
S. forcipis E.Phillips & Letty (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 700 m. EC

glanduliflora Masson
S. hispidula Hornem. (1)
S. glanduliflora Masson var. *emarginata* N.E.Br. (1)
S. glanduliflora Masson var. *haworthii* A.Berger (1)
S. glanduliflora Masson var. *massonii* A.Berger (1)
Perennial. Succulent. Ht 0.1–0.25 m. Alt 100–300 m. WC

glanduliflora Masson var. *emarginata* N.E.Br. = **S. glanduliflora**

glanduliflora Masson var. *haworthii* A.Berger = **S. glanduliflora**

glanduliflora Masson var. *massonii* A.Berger = **S. glanduliflora**

grandiflora Masson
S. ambigua Masson var. *ambigua* (1)
S. ambigua Masson var. *fulva* Sweet (1)
S. desmetiana N.E.Br. (1)
S. desmetiana N.E.Br. var. *apicalis* N.E.Br. (1)
S. desmetiana N.E.Br. var. *desmetiana* (1)
S. desmetiana N.E.Br. var. *fergusoniae* R.A.Dyer (1)
S. desmetiana N.E.Br. var. *pallida* N.E.Br. (1)
S. flavirostris N.E.Br. (1)
S. grandiflora Masson var. *lineata* N.E.Br. (1)
S. obscura N.E.Br. (1)
S. senilis N.E.Br. (1)
S. spectabilis Haw. (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1800 m. FS, L, NC, WC, EC

grandiflora Masson var. *lineata* N.E.Br. = **S. grandiflora**

guttata Masson = **Huernia guttata**

herrei Nel = **Tromotriche herrei**

hircosa Jacq. = **Tridentea gemmiflora**

hircosa Jacq. var. *densa* N.E.Br. = **Tridentea gemmiflora**

hirsuta L.
S. affinis N.E.Br. (1)
S. hirsuta L. var. *affinis* (N.E.Br.) N.E.Br. (1)
S. hirsuta L. var. *comata* (Jacq.) N.E.Br. (1)
S. hirsuta L. var. *depressa* (Jacq). N.E.Br. (1)
S. hirsuta L. var. *grata* N.E.Br. (1)
S. hirsuta L. var. *longirostris* (N.E.Br.) N.E.Br. (1)
S. hirsuta L. var. *lutea* N.E.Br. (1)
S. hirsuta L. var. *patula* (Willd.) N.E.Br. (1)
S. hirsuta L. var. *unguipetala* (N.E.Br.) N.E.Br. (1)
S. lanifera Haw. (1)
S. margarita B.Sloane (1)
S. patentirostris N.E.Br. (1)
S. patula Willd. (1)
S. patula Willd. var. *depressa* (Jacq.) N.E.Br. (1)
S. patula Willd. var. *longirostris* N.E.Br. (1)
S. unguipetala N.E.Br. (1)
S. villosa N.E.Br. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–1300 m. NC, WC, EC

hirsuta L. var. *affinis* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *comata* (Jacq.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *depressa* (Jacq.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *grata* N.E.Br. = **S. hirsuta**

hirsuta L. var. *longirostris* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *lutea* N.E.Br. = **S. hirsuta**

hirsuta L. var. *patula* (Willd.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *unguipetala* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirtella Jacq. = **Duvalia caespitosa** var. **caespitosa**

hispidula Hornem. = **S. glanduliflora**

humilis Masson = **Huernia humilis**

hystrix Hook.f. = **Huernia hystrix** var. **hystrix**

immelmaniae Pillans
Perennial. Succulent. Ht up to 0.2 m. Alt up to 1000 m. WC

incarnata L.f. = **Quaqua incarnata** subsp. **incarnata**

indocta Nel = **S. acuminata**

intermedia N.E.Br. = **Caralluma intermedia**

irrorata Masson = **Orbea verrucosa**

johni-lavrani Halda = **S. gariepensis**

jucunda N.E.Br. = **Tridentea jucunda**

jucunda N.E.Br. var. *deficiens* N.E.Br. = **Tridentea jucunda**

juttae Dinter = **S. similis**

knobelii E.Phillips = **Orbea knobelii**

kougabergensis L.C.Leach
Perennial. Succulent. Ht 0.05–0.25 m. Alt 500–900 m. EC

kwebensis N.E.Br.
S. kwebensis N.E.Br. var. *longipedicellata* A.Berger (1)
Perennial. Succulent. Ht ± 0.15 m. Alt 600–1900 m. N, B, LIM

kwebensis N.E.Br. var. *longipedicellata* A.Berger = **S. kwebensis**

lanifera Haw. = **S. hirsuta**

leendertziae N.E.Br.
S. wilmaniae C.A.Lückh. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 600–1200 m. G, M, S, KZN

lepida Jacq. = **Orbea variegata**

longidens N.E.Br. = **Orbea longidens**

longii C.A.Lückh. = **Tromotriche longii**

longipedicellata (A.Berger) L.C.Leach
Perennial. Succulent. Ht up to 0.15 m. Alt? N

longipes C.A.Lückh. var. *longipes* = **Tromotriche longipes**

longipes C.A.Lückh. var. *namaquensis* C.A.Lückh. = **Tromotriche longipes**

lucida DC. = **S. asterias**

macloughlinii I.Verd. = **Orbea macloughlinii**

macowanii N.E.Br. var. **conformis** (N.E.Br.) L.C.Leach
S. conformis N.E.Br. (1)
S. conformis N.E.Br. var. *abrasa* N.E.Br. (1)
S. conformis N.E.Br. var. *conformis* (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1000 m. EC

macowanii N.E.Br. var. **macowanii**
Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 500 m. EC

mammillaris L. = **Quaqua mammillaris**

margarita B.Sloane = **S. hirsuta**

marientalensis Nel = **Tridentea marientalensis** subsp. **marientalensis**

marlothii N.E.Br. = **S. gigantea**

mastodes Jacq. = **Duvalia caespitosa** var. **compacta**

×**meintjiesii** I.Verd.
Perennial. Succulent. Ht? Alt? LIM

melanantha Schltr. = **Orbea melanantha**

miscella N.E.Br. = **Orbea miscella**

montana L.C.Leach var. **grossa** L.C.Leach
Perennial. Succulent. Ht up to 0.08 m. Alt up to 500 m. WC

montana L.C.Leach var. **montana**
Perennial. Succulent. Ht up to 0.08 m. Alt up to 1000 m. WC

namaquensis N.E.Br. = **Orbea namaquensis**

neliana A.C.White & B.Sloane = **Tromotriche herrei**

noachabibensis C.A.Lückh. = **S. similis**

nobilis N.E.Br. = **S. gigantea**

nouhuysii E.Phillips = **S. paniculata**

nudiflora Pillans = **S. vetula**

obducta L.C.Leach
Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1200 m. EC

obscura N.E.Br. = **S. grandiflora**

ocellata Jacq. = **Huernia guttata**

olivacea N.E.Br.
Perennial. Succulent. Ht 0.15–0.25 m. Alt 900–1100 m. FS, NC, WC, EC

pachyrrhiza Dinter = **Tridentea pachyrrhiza**

paniculata Willd.
S. concinna Masson var. *paniculata* (Willd.) N.E.Br. (1)
S. nouhuysii E.Phillips (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–600 m. WC

parviflora Masson = **Quaqua parviflora** subsp. **parviflora**

parvipuncta N.E.Br. = **Tridentea parvipuncta** subsp. **parvipuncta**

parvipuncta N.E.Br. var. *truncata* C.A.Lückh. = **Tridentea parvipuncta** subsp. **truncata**

patentirostris N.E.Br. = **S. hirsuta**

patula Willd. = **S. hirsuta**

patula Willd. var. *depressa* (Jacq.) N.E.Br. = **S. hirsuta**

patula Willd. var. *longirostris* N.E.Br. = **S. hirsuta**

pearsonii N.E.Br.
Perennial. Succulent. Ht 0.15–0.25 m. Alt 1300–2100 m. N

peculiaris C.A.Lückh. = **Tridentea peculiaris**

pedunculata Masson = **Tromotriche pedunculata**

peglerae N.E.Br.
Perennial. Succulent. Ht up to 0.25 m. Alt up to 900 m. EC

pillansii N.E.Br. var. *attenuata* N.E.Br. = **S. pillansii** var. **pillansii**

pillansii N.E.Br. var. **fontinalis** Nel
Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1000 m. WC

pillansii N.E.Br. var. **pillansii**
S. pillansii N.E.Br. var. *attenuata* N.E.Br. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1200 m. WC

portae-taurinae Dinter & A.Berger = **S. similis**

praetermissa L.C.Leach var. **luteola** L.C.Leach
Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 600 m. EC

praetermissa L.C.Leach var. **praetermissa**
Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 600 m. EC

pruinosa Masson = **Quaqua pruinosa**

pulchella Masson = **Orbea pulchella**

pulchra Schult. = **Orbea verrucosa**

pulla Aiton = **Quaqua mammillaris**

pulvinata Masson
Perennial. Succulent. Ht up to 0.3 m. Alt? NC

punctata Masson = **Piaranthus punctatus**

radiata Jacq. = **Duvalia elegans**

radiata Sims = **Duvalia caespitosa** var. **caespitosa**

ramosa Masson = **Quaqua ramosa**

reclinata Masson = **Duvalia caespitosa** var. **caespitosa**

remota R.A.Dyer
Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1200 m. N

replicata Jacq. = **Duvalia caespitosa** var. **caespitosa**

reticulata Masson = **Huernia reticulata**

revoluta Masson = **Tromotriche revoluta**

rogersii L.Bolus = **Orbea rogersii**

rubiginosa Nel
Perennial. Succulent. Ht 0.15–0.3 m. Alt 200–800 m. NC

rufa Masson
S. fissirostris Jacq. (1)
S. rufa Masson var. *attenuata* N.E.Br. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1200 m. NC, WC

rufa Masson var. *attenuata* N.E.Br. = **S. rufa**

ruschiana Dinter = **Tromotriche ruschiana**

schinzii A.Berger & Schltr. var. **angolensis** Kers
Perennial. Succulent. Ht 0.15–0.25 m. Alt 1200–1650 m. N

schinzii A.Berger & Schltr. var. **bergeriana** (Dinter) L.C.Leach
S. bergeriana Dinter (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1300 m. N

schinzii A.Berger & Schltr. var. **schinzii**
Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–2000 m. N

scitula L.C.Leach
Perennial. Succulent. Ht 0.05–0.25 m. Alt 400–600 m. WC

senilis N.E.Br. = **S. grandiflora**

similis N.E.Br.
S. juttae Dinter (1)
S. noachabibensis C.A.Lückh. (1)
S. portae-taurinae Dinter & A.Berger (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–1600 m. N, NC

spectabilis Haw. = **S. grandiflora**

stultitioides C.A.Lückh. = **S. arenosa**

surrecta N.E.Br.
S. surrecta N.E.Br. var. *primosii* C.A.Lückh. (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1000 m. WC

surrecta N.E.Br. var. *primosii* C.A.Lückh. = **S. surrecta**

tapscottii I.Verd. = **Orbea tapscottii**

thudichumii Pillans = **Tromotriche thudichumii**

thuretii (F.Cels) Croucher = **Huernia thuretii** var. **thuretii**

tridentata (N.E.Br.) Rüst = **Orbea namaquensis**

tsomoensis N.E.Br.
Perennial. Succulent. Ht ± 0.15 m. Alt? EC

umbonata Pillans = **Tridentea pachyrrhiza**

unguipetala N.E.Br. = **S. hirsuta**

unicornis C.A.Lückh.
Perennial. Succulent. Ht 0.15–0.2 m. Alt 300–600 m. S, KZN

vaga N.E.Br. = **Orbea lutea** subsp. **vaga**

variegata L. = **Orbea variegata**

verrucosa Masson = **Orbea verrucosa**

vetula Masson
S. nudiflora Pillans (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 300–1000 m. WC

villetiae C.A.Lückh.
Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1100 m. NC

villosa N.E.Br. = **S. hirsuta**

virescens N.E.Br. = **Tridentea virescens**

wilmaniae C.A.Lückh. = **S. leendertziae**

woodii N.E.Br. = **Orbea woodii**

woodii N.E.Br. var. *westii* R.A.Dyer = **Orbea woodii**

youngii N.E.Br. = **S. gigantea**

STAPELIANTHUS Choux 6885040

baylissii L.C.Leach = **Tromotriche baylissii**

choananthus (Lavranos & H.Hall) R.A.Dyer = **Tromotriche choanantha**

STAPELIOPSIS Pillans 6885020

(1) Bruyns. 1981. *Cactus and Succulent Journal of Great Britain* 43: 61–83.

breviloba (R.A.Dyer) Bruyns
Pectinaria breviloba R.A.Dyer (1)
Perennial. Dwarf succulent. Ht 10–50 mm. Alt 150–300 m. WC

cooperi (N.E.Br.) E.Phillips, illegitimate name = **Orbea cooperi**

exasperata (Bruyns) Bruyns
Pectinaria exasperata Bruyns (1)
Perennial. Dwarf succulent. Ht 10–50 mm. Alt 800–1200 m. NC, WC

neronis Pillans
Perennial. Succulent. Ht 0.05–0.15 m. Alt 200–1200 m. N, NC

pillansii (N.E.Br.) Bruyns
Pectinaria pillansii N.E.Br. (1)
Perennial. Dwarf creeping succulent. Ht 20–30 mm. Alt 500–950 m. WC, EC

saxatilis (N.E.Br.) Bruyns
Pectinaria saxatilis N.E.Br. (1)
Pectinaria tulipiflora C.A.Lückh. (1)
Perennial. Dwarf creeping succulent. Ht 10–30 mm. Alt 200–1000 m. NC, WC, EC

stayneri (M.B.Bayer) Bruyns
Pectinaria stayneri M.B.Bayer (1)
Perennial. Dwarf creeping succulent. Ht 10–20 mm. Alt 10–100 m. WC

urniflora Lavranos
Perennial. Dwarf succulent. Ht 10–30 mm. Alt 800–1700 m. N, NC

STATHMOSTELMA K.Schum. 6793000

(1) Goyder. 1998. *Kew Bulletin* 53: 577–616.
(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

crassinerve (N.E.Br.) Bullock = **Asclepias crassinervis**

fornicatum (N.E.Br.) Bullock subsp. **fornicatum**
Asclepias fornicata N.E.Br. (1)
Perennial. Geophytic herb. Ht up to 0.6 m. Alt 700–1100(–2500) m. B

STENOSTELMA Schltr. 6789000

(1) Kupicha. 1984. *Kew Bulletin* 38: 668.
(2) Bruyns. 1995. *Bothalia* 25: 155–172.
(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

capense Schltr.
Gomphocarpus stenoglossus Schltr. (3)
Krebsia stenoglossus (Schltr.) Schltr. (3)
Schizoglossum aciculare N.E.Br. (3)
Schizoglossum capense (Schltr.) H.Huber (3)
Perennial. Geophytic herb. Ht 150–250 mm. Alt 900–1500 m. N, B, NW, G, M, FS, NC, EC

corniculatum (E.Mey.) Bullock
Gomphocarpus corniculatus (E.Mey.) D.Dietr. (3)
Krebsia corniculata (E.Mey.) Schltr. (3)
Lagarinthus corniculatus E.Mey. (3)
Schizoglossum corniculatum (E.Mey.) R.A.Dyer (3)
Perennial. Geophytic herb. Ht 100–200 mm. Alt 400–1700 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

eminens (Harv.) Bullock = **Asclepias eminens**

STIGMATORHYNCHUS Schltr. 6911010

(1) Bruyns 1995. *Bothalia* 25: 155–172.

hereroensis Schltr.
Perennial. Small shrub. Ht 0.2–1 m. Alt 1000–1400 m. N

STOMATOSTEMMA N.E.Br. 6741000

(1) Brown. 1907. *FC* 4: 530, 531.
(2) Venter & Verhoeven. 1993. *South African Journal of Botany* 59: 50–56.

monteiroae (Oliv.) N.E.Br.
Cryptolepis monteiroae Oliv. (1)
Perennial. Shrub, climber. Ht up to 10 m. Alt 20–1300 m. B, LIM, NW, M, S, KZN

STROPHANTHUS DC. 6688000

(1) Codd. 1963. *FSA* 26: 289–295.
(2) Codd. 1969. *The Flowering Plants of Africa* 40: t. 1561.
(3) Retief. 1972. *The Flowering Plants of Africa* 42: t. 1658.
(4) Beentje. 1982. *Mededelingen Landbouwhogeschool Wageningen* 82-4: 1–191.
(5) Beentje. 1985. *FZ* 7,2: 468–480.

amboensis (Schinz) Engl. & Pax
Perennial. Shrub. Ht 2–3 m. Alt 900–1500 m. N

gerrardii Stapf
Perennial. Climber. Ht 2–12 m. Alt 20–550 m. M, S, KZN

grandiflorus (N.E.Br.) Gilg = **S. petersianus**

kombe Oliv.
Perennial. Shrub, climber. Ht 1–4 m. Alt 0–1200 m. N, B, LIM

luteolus Codd
Perennial. Shrub, climber. Ht 2–8 m. Alt 30–1020 m. LIM, KZN

petersianus Klotzsch
S. grandiflorus (N.E.Br.) Gilg (1)
Perennial. Shrub, climber. Ht 2–15 m. Alt 20–975 m. LIM, KZN

speciosus (Ward & Harv.) Reber
Perennial. Shrub, climber. Ht 0.9–12 m. Alt 50–1750 m. LIM, M, KZN, EC

STULTITIA E.Phillips 6885010

conjuncta A.C.White & B.Sloane = **Orbea conjunctus**

cooperi (N.E.Br.) E.Phillips = **Orbea cooperi**

hardyi R.A.Dyer = **Orbea hardyi**

miscella (N.E.Br.) C.A.Lückh. = **Orbea miscella**

paradoxa I.Verd. = **Orbea paradoxa**

tapscottii (I.Verd.) E.Phillips = **Orbea tapscottii**

TABERNAEMONTANA L. 6603000

(1) Codd. 1963. *FSA* 26: 268–271.
(2) Jordaan. 1979. *The Flowering Plants of Africa* 45: t. 1798.
(3) Leeuwenberg. 1985. *FZ* 7,2: 438–444.
(4) Leeuwenberg. 1991. *A revision of* Tabernaemontana*: the Old World species*: 1–211.

elegans Stapf
Conopharyngia elegans (Stapf) Stapf (1)
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 0–1370 m. LIM, M, S, KZN

ventricosa Hochst. ex A.DC.
Conopharyngia ventricosa (Hochst. ex A.DC.) Stapf (1)
Perennial. Tree. Ht 2.2–12 m. Alt 0–850 m. LIM, M, KZN, EC

TACAZZEA Decne. 6730000

(1) Brown. 1907. *FC* 4: 540, 541.
(2) Bullock. 1955. *Kew Bulletin* 10: 349–373.
(3) Venter *et al.* 1990. *South African Journal of Botany* 56: 93–112.

apiculata Oliv.
Perennial. Liana. Ht up to 20 m. Alt 0–2000 m. N, B, LIM, M, S, KZN

natalensis (Schltr.) N.E.Br. = **Ischnolepis natalensis**

TAVARESIA Welw. 6880000

(1) Leach. 1974. *Kirkia* 9: 349–358.

barklyi (T.-Dyer) N.E.Br.
Decabelone barklyi T.-Dyer (1)
Decabelone grandiflora Dinter (1)
T. grandiflora (Dinter) A.Berger (1)
T. grandiflora K.Schum. (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1200 m. N, B, LIM, FS, NC

grandiflora (Dinter) A.Berger = **T. barklyi**

grandiflora K.Schum. = **T. barklyi**

meintjesii R.A.Dyer
Decabelone meintjesii (R.A.Dyer) G.D.Rowley (1)
Perennial. Succulent. Ht? Alt? LIM

TELOSMA Coville 6917010

(1) Brown. 1908. *FC* 4: 775–777.

africana (N.E.Br.) N.E.Br.
Perennial. Climber. Ht 1–3 m. Alt? LIM, KZN

TENARIS E.Mey. 6921000

chlorantha Schltr. = **Brachystelma chloranthum**

christianeae (Peckover) J.E.Victor & Nicholas = **Brachystelma christianeae**

filifolia N.E.Br. = **Brachystelma filifolium**

rostrata N.E.Br. = **Brachystelma rubellum**

rubella E.Mey. = **Brachystelma rubellum**

schultzei (Schltr.) E.Phillips = **Brachystelma schultzei**

simulans N.E.Br. = **Brachystelma rubellum**

volkensii K.Schum. = **Brachystelma rubellum**

TRACHYCALYMMA Bullock 6787020

cucullatum (Schltr.) Bullock = **Asclepias cucullata**

TRICHOCAULON N.E.Br. 6879000

alstonii N.E.Br. = **Hoodia alstonii**

annulatum N.E.Br. = **Hoodia pilifera** subsp. **annulata**

cactiforme (Hook.) N.E.Br. = **Larryleachia cactiformis**

cinereum Pillans in part = **Larryleachia perlata**

clavatum (Willd.) H.Huber (insufficiently known)

columnare Nel = **Notechidnopsis columnaris**

delaetianum Dinter = **Hoodia officinalis** subsp. **delaetiana**

dinteri A.Berger = **Larryleachia dinteri**

engleri Dinter = **Larryleachia meloformis**

felinum D.T.Cole in part = **Larryleachia felina**

flavum N.E.Br. = **Hoodia flava**

grande N.E.Br. = **Hoodia pilifera** subsp. **pillansii**

keetmanshoopense Dinter = **Larryleachia marlothii**

kubusense Nel = **Larryleachia perlata**

marlothii N.E.Br. = **Larryleachia marlothii**

meloforme Marloth = **Larryleachia meloformis**

officinale N.E.Br. = **Hoodia officinalis** subsp. **officinalis**

pedicellatum Schinz = **Hoodia pedicellata**

perlatum Dinter = **Larryleachia perlata**

pictum N.E.Br. = **Larryleachia picta**

piliferum (L.f.) N.E.Br. = **Hoodia pilifera** subsp. **pilifera**

pillansii N.E.Br. = **Hoodia pilifera** subsp. **pillansii**

pillansii N.E.Br. var. *major* N.E.Br. = **Hoodia pilifera** subsp. **pillansii**

pubiflorum Dinter = **Hoodia officinalis** subsp. **officinalis**

rusticum N.E.Br. = **Hoodia officinalis** subsp. **officinalis**

simile N.E.Br. = **Larryleachia similis**

sinus-luederitzii Dinter = **Larryleachia dinteri**

sociarum A.C.White & B.Sloane = **Larryleachia sociarum**

triebneri Nel = **Hoodia triebneri**

truncatum Pillans = **Larryleachia perlata**

TRIDENTEA Haw. 6885090

(1) Leach. 1980. *Excelsa Taxonomic Series* 2: 1–68.
(2) Bruyns. 1995. *South African Journal of Botany* 61: 180–208.

aperta (Masson) L.C.Leach = **Tromotriche aperta**

baylissii (L.C.Leach) L.C.Leach var. *baylissii* = **Tromotriche baylissii**

baylissii (L.C.Leach) L.C.Leach var. *ciliata* L.C.Leach = **Tromotriche baylissii**

choanantha (Lavranos & A.V.Hall) L.C.Leach = **Tromotriche choanantha**

dwequensis (C.A.Lückh.) L.C.Leach
Stapelia dwequensis C.A.Lückh. (1)
Perennial. Succulent. Ht 30–120 mm. Alt 1000–1300 m. NC

gemmiflora (Masson) Haw.
Stapelia gemmiflora Masson (1)
Stapelia gemmiflora Masson var. *densa* (N.E.Br.) N.E.Br. (1)
Stapelia gemmiflora Masson var. *hircosa* (Jacq.) N.E.Br. (1)
Stapelia hircosa Jacq. (1)
Stapelia hircosa Jacq. var. *densa* N.E.Br. (1)
Perennial. Succulent. Ht 30–150 mm. Alt 150–1200 m. NW, FS, NC, WC, EC

herrei (Nel) L.C.Leach = **Tromotriche herrei**

jucunda (N.E.Br.) L.C.Leach
Stapelia ausana Dinter & A.Berger ex Dinter (2)
Stapelia cincta Marloth (2)
Stapelia dinteri A.Berger (2)
Stapelia jucunda N.E.Br. (2)
Stapelia jucunda N.E.Br. var. *deficiens* N.E.Br. (2)
T. jucunda (N.E.Br.) L.C.Leach var. *cincta* (Marloth) L.C.Leach (2)
T. jucunda (N.E.Br.) L.C.Leach var. *dinteri* (A.Berger) L.C.Leach (2)
Perennial. Succulent. Ht 30–120 mm. Alt 900–1700 m. N, FS, NC

jucunda (N.E.Br.) L.C.Leach var. *cincta* (Marloth) L.C.Leach = **T. jucunda**

jucunda (N.E.Br.) L.C.Leach var. *dinter* (A.Berger) L.C.Leach = **T. jucunda**

longii (C.A.Lückh.) L.C.Leach = **Tromotriche longii**

longipes (C.A.Lückh.) L.C.Leach = **Tromotriche longipes**

marientalensis (Nel) L.C.Leach subsp. **albipilosa** (Giess) L.C.Leach
Stapelia albipilosa Giess (1)
Perennial. Succulent. Ht 20–200 mm. Alt 800–1600 m. N

marientalensis (Nel) L.C.Leach subsp. **marientalensis**
Stapelia auobensis Nel (1)
Stapelia marientalensis Nel (1)
Perennial. Succulent. Ht 20–200 mm. Alt 900–1400 m. N, B, NC

pachyrrhiza (Dinter) L.C.Leach
Stapelia pachyrrhiza Dinter (1)
Stapelia umbonata Pillans (1)
Perennial. Succulent. Ht 10–30 mm. Alt 5–50 m. N, NC

parvipuncta (N.E.Br.) L.C.Leach subsp. **parvipuncta**
Stapelia parvipuncta N.E.Br. (2)
Perennial. Succulent. Ht 30–120 mm. Alt 800–1200 m. NC, WC

parvipuncta (N.E.Br.) L.C.Leach subsp. **truncata** (C.A.Lückh.) Bruyns
Stapelia parvipuncta N.E.Br. var. *truncata* C.A.Lückh. (2)
T. parvipuncta (N.E.Br.) L.C.Leach var. *truncata* (C.A.Lückh.) L.C.Leach (2)
T. pusilla Frandsen (2)
Perennial. Succulent. Ht 30–120 mm. Alt 300–700 m. WC

parvipuncta (N.E.Br.) L.C.Leach var. *truncata* (C.A.Lückh.) L.C.Leach = **T. parvipuncta** subsp. **truncata**

peculiaris (C.A.Lückh.) L.C.Leach
Stapelia peculiaris C.A.Lückh. (1)
Perennial. Succulent. Ht 30–120 mm. Alt 50–600 m. WC, NC

pedunculata (Masson) L.C.Leach = **Tromotriche pedunculata**

pusilla Frandsen = **T. parvipuncta** subsp. **truncata**

ruschiana (Dinter) L.C.Leach = **Tromotriche ruschiana**

umdausensis (Nel) L.C.Leach = **Tromotriche umdausensis**

virescens (N.E.Br.) L.C.Leach
Stapelia aurea Dinter (1)
Stapelia virescens N.E.Br. (1)
Perennial. Succulent. Ht 30–150 mm. Alt 900–1200 m. N, NC, WC, EC

TROMOTRICHE Haw. 6885100

(1) Bruyns. 1995. *South African Journal of Botany* 61: 180–208.

aperta (Masson) Bruyns
Caralluma aperta (Masson) N.E.Br. (1)
Caruncularia aperta (Masson) Sweet (1)
Stapelia aperta Masson (1)
Tridentea aperta (Masson) L.C.Leach (1)
Perennial. Succulent. Ht 20–200 mm. Alt 100–600 m. N, NC

baylissii (L.C.Leach) Bruyns
Stapelianthus baylissii L.C.Leach (1)
Tridentea baylissii (L.C.Leach) L.C.Leach var. *baylissii* (1)
Tridentea baylissii (L.C.Leach) L.C.Leach var. *ciliata* L.C.Leach (1)

Perennial. Trailing succulent. Length 0.15–3 m. Alt 250–900 m. EC

choanantha (Lavranos & H.Hall) Bruyns
Stapelia choanantha (Lavranos & H.Hall) R.A.Dyer (1)
Stapelianthus choananthus (Lavranos & H.Hall) R.A.Dyer (1)
Tridentea choanantha (Lavranos & H.Hall) L.C.Leach (1)
Perennial. Trailing succulent. Length 0.15–3 m. Alt 400–600 m. WC

engleriana (Schltr.) L.C.Leach = **Stapelia engleriana**

herrei (Nel) Bruyns
Stapelia herrei Nel (1)
Stapelia neliana A.C.White & B.Sloane (1)
Tridentea herrei (Nel) L.C.Leach (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–700 m. NC

longii (C.A.Lückh.) Bruyns
Stapelia longii C.A.Lückh. (1)
Tridentea longii (C.A.Lückh.) L.C.Leach (1)
Perennial. Trailing succulent. Length 0.15–1 m. Alt 500–800 m. EC

longipes (C.A.Lückh.) Bruyns
Stapelia longipes C.A.Lückh. var. *longipes* (1)
Stapelia longipes C.A.Lückh. var. *namaquensis* C.A.Lückh. (1)
Tridentea longipes (C.A.Lückh.) L.C.Leach (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 100–700 m. N, NC

pedunculata (Masson) Bruyns
Caruncularia pedunculata (Masson) Haw. (1)
Stapelia pedunculata Masson (1)
Tridentea pedunculata (Masson) L.C.Leach (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1200 m. NC, WC

pruinosa (Masson) Haw. = **Quaqua pruinosa**

revoluta (Masson) Haw.
Stapelia revoluta Masson (1)
Perennial. Succulent. Ht 0.15–0.5 m. Alt 100–700 m. NC, WC

ruschiana (Dinter) Bruyns
Stapelia ruschiana Dinter (1)
Tridentea ruschiana (Dinter) L.C.Leach (1)
Perennial. Succulent. Ht 0.15–0.2 m. Alt 300–500 m. N

thudichumii (Pillans) L.C.Leach
Stapelia thudichumii Pillans (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 300–1200 m. WC

umdausensis (Nel) Bruyns
Caralluma umdausensis Nel (1)
Tridentea umdausensis (Nel) L.C.Leach (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 600–1000 m. N, NC

TYLOPHORA R.Br. 6899000

(1) Brown. 1907–1909. *FC* 4: 315–418.
(2) Bullock. 1964. *The Flowering Plants of Africa* 36: t. 1435.
(3) Hilliard & Burtt. 1984. *Journal of South African Botany* 50,3: 336.
(4) Bruyns. 1990. *Cimbebasia* 12: 161–166.

anomala N.E.Br.
Perennial. Climber. Ht? Alt? KZN

badia (E.Mey.) Schltr. var. **badia**
Perennial. Climber. Ht? Alt? EC?

badia (E.Mey.) Schltr. var. **latifolia** N.E.Br.
Perennial. Climber. Ht? Alt up to 300 m. EC

coddii Bullock
Perennial. Herb to shrub. Ht 0.3–0.6 m. Alt 1000–1600 m. LIM

cordata (Thunb.) Druce
T. syringifolia E.Mey. (2)
Perennial. Climber. Ht? Alt? EC, WC

flanaganii Schltr.
Perennial. Climber. Ht 1–5 m. Alt? LIM, M, KZN, EC

fleckii (Schltr.) N.E.Br.
Perennial. Herb to shrub. Ht 0.3–0.8 m. Alt 1200–2350 m. N

lycioides (E.Mey.) Decne.
Diascia integrifolia Spreng. ex Eckl. (3)
Perennial. Climber. Ht 1–5 m. Alt 300–700 m. LIM, M, S, KZN, EC

simiana Schltr.
Perennial. Climber. Ht? Alt? EC

syringifolia E.Mey. = **T. cordata**

umbellata Schltr.
Perennial. Climber. Ht? Alt? EC

*VINCA L. 6598000

(1) Pichon. 1951. *Bulletin du Muséum National d'Histoire Naturelle* sér. 2, 23: 439–444.
(2) Stearn. 2000. *European garden flora* 6: 38–40.

major L.
Perennial. Herb, climber. Ht 0.4–4 m. Alt 500–1850 m. KZN, WC, EC

VINCETOXICUM Ruppius 6834030

capense (L.f.) Kuntze = **Pentatropis capensis**

VOACANGA Thouars 6612000

(1) Codd. 1963. *FSA* 26: 273, 274.
(2) Leeuwenberg. 1985. *FZ* 7,2: 434–438.

dregei E.Mey. = **V. thouarsii**

thouarsii Roem. & Schult.
V. dregei E.Mey. (1)
Perennial. Tree. Ht 3–17 m. Alt 0–460 m. S, KZN, EC

WOODIA Schltr. 6790000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

marginata (E.Mey.) Schltr. = **W. mucronata**

mucronata (Thunb.) N.E.Br.
Asclepias mucronata Thunb. (1)
Gomphocarpus marginatus (E.Mey.) Decne. (2)
Gomphocarpus trifurcatus Schltr. (2)
Gomphocarpus undulatus Turcz. (2)
Pachycarpus marginatus E.Mey. (2)
W. marginata (E.Mey.) Schltr. (2)
W. mucronata (Thunb.) N.E.Br. var. *mucronata* (2)
W. mucronata (Thunb.) N.E.Br. var. *trifurcata* (Schltr.) N.E.Br. (2)
W. trifurcata (Schltr.) Schltr. (2)
W. trifurcata (Schltr.) Schltr. var. *planifolia* Schltr. (2)
Xysmalobium linguaeforme Harv. ex Weale (2)
Xysmalobium marginatum (E.Mey.) D.Dietr. (2)
Perennial. Geophytic herb. Ht 150–250 mm. Alt 30–1500 m. EC

mucronata (Thunb.) N.E.Br. var. *mucronata* = **W. mucronata**

mucronata (Thunb.) N.E.Br. var. *trifurcata* (Schltr.) N.E.Br. = **W. mucronata**

singularis N.E.Br.
Perennial. Geophytic herb. Ht ± 400 mm. Alt ± 800 m. LIM, M, S

trifurcata (Schltr.) Schltr. = **W. mucronata**

trifurcata (Schltr.) Schltr. var. *planifolia* Schltr. = **W. mucronata**

verruculosa Schltr.
Perennial. Geophytic herb. Ht 150–250 mm. Alt 600–1000 m. KZN

WRIGHTIA R.Br. 6689000

(1) Codd. 1963. *FSA* 26: 295, 296.
(2) Leeuwenberg. 1985. *FZ* 7,2: 480–482.

natalensis Stapf
Perennial. Tree, shrub. Ht 1.6–18 m. Alt 20–1250 m. LIM, S, KZN

XYSMALOBIUM R.Br. 6777000

(1) Brown. 1909. *FC* 4: 315–418.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 215.
(3) Langley. 1980. *Taxonomic studies in the Asclepiadeae with particular reference to* Xysmalobium *R.Br. in southern Africa*. M.Sc. thesis, Pietermaritzburg.
(4) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville.

acerateoides (Schltr.) N.E.Br.
Asclepias acerateoides (Schltr.) Schltr. (4)
Asclepias scabridifolia Schltr. (4)
Gomphocarpus acerateoides Schltr. (4)
Gomphocarpus ovatus Schltr. (4)
Perennial. Geophytic herb. Ht 380–760 mm. Alt 800–2280 m. LIM, M, S

albens (E.Mey.) D.Dietr. = **Asclepias albens**

ambiguum N.E.Br. = **X. undulatum**

amplifolium Weim. = **X. undulatum**

appendiculatum (E.Mey.) D.Dietr. = **Pachycarpus appendiculatus**

asperum N.E.Br.
Asclepias sulphurea in sense of S.Moore (4)
Gomphocarpus parviflorus Harv. ex Schltr. (4)
Perennial. Geophytic herb. Ht 150–300 mm. Alt 450–1830 m. NW, G, M, S, KZN

baurii N.E.Br.
Perennial. Geophytic herb. Ht 100–150 mm. Alt ± 1000 m. EC

brownianum S.Moore
Asclepias anisophylla Conrath & Schltr. (4)
Perennial. Geophytic herb. Ht 150–300 mm. Alt 183–1550 m. N, B, NW, G, FS, L

carinatum (Schltr.) N.E.Br.
Gomphocarpus carinatus (Schltr.) Schltr. (4)
Krebsia carinata Schltr. (4)
Perennial. Geophytic herb. Ht 200–250 mm. Alt 1350–1550 m. EC

concolor (E.Mey.) D.Dietr. = **Pachycarpus concolor**

confusum Scott-Elliot
Asclepias confusa (Scott-Elliot) Schltr. (4)
Asclepias rectinervis (Schltr) Schltr. (4)
Gomphocarpus rectinervis Schltr. (4)
Perennial. Geophytic herb. Ht 0.3–1.2 m. Alt 425–1435 m. LIM, G, M, S, FS, KZN, EC

coronarium (E.Mey.) D.Dietr. = **Pachycarpus coronarius**

crispum (P.J.Bergius) D.Dietr. = **Asclepias crispa** var. **crispa**

dealbatum (E.Mey.) D.Dietr. = **Pachycarpus dealbatus**

dilatatum Weim. = **X. undulatum**

ensifolium (Burch. ex Scott-Elliot) N.E.Br. = **X. undulatum** var. **ensifolium**

fluviale Bruyns
Perennial. Geophytic herb. Ht 80–500 mm. Alt ± 750 m. WC

gerrardii Scott-Elliot
Asclepias ochroleuca (Schltr.) Schltr. (4)
Asclepias sulphurea in sense of Schltr. (4)
Gomphocarpus ochroleucus Schltr. (4)
Perennial. Geophytic herb. Ht 300–380 mm. Alt 180–1500 m. KZN, EC

gomphocarpoides (E.Mey.) D.Dietr. var. **gomphocarpoides**
Asclepias gomphocarpoides (E.Mey.) Schltr. (4)
Gomphocarpus longifolius Schltr. (4)
Pachycarpus gomphocarpoides E.Mey. (4)
Perennial. Geophytic herb. Ht 100–600 mm. Alt 450–2100 m. NW, FS, NC, WC, EC

gomphocarpoides (E.Mey.) D.Dietr. var. **parvilobum** Bruyns
Perennial. Geophytic herb. Ht 100–600 mm. Alt ± 60 m. NC, WC

grandiflorum (L.f.) R.Br. = **Pachycarpus grandiflorus** subsp. **grandiflorus**

humile (E.Mey.) D.Dietr. = **Asclepias humilis**

involucratum (E.Mey.) Decne.
Asclepias chloroglossa Schltr. (4)
Gomphocarpus involucratus (E.Mey.) D.Dietr. (4)
Lagarinthus involucratus E.Mey. (4)
Schizoglossum umbelluliferum Schltr. (4)
Perennial. Geophytic herb. Ht 40–400 mm. Alt 5–2150 m. NW, G, M, S, FS, KZN, L, NC, WC, EC

lapathifolium K.Schum., not of Decne. = **X. undulatum**

leucotrichum (Schltr.) N.E.Br. = **X. undulatum**

ligulatum D.Dietr. = **Pachycarpus dealbatus**

linguaeforme Harv. ex Weale = **Woodia mucronata**

marginatum (E.Mey.) D.Dietr. = **Woodia mucronata**

orbiculare (E.Mey.) D.Dietr.
Asclepias orbicularis (E.Mey.) Schltr. (4)
Gomphocarpus orbicularis (E.Mey.) Schltr. (4)
Gomphocarpus padifolius Baker (4)
Pachycarpus orbicularis E.Mey. (4)
X. padifolium (Baker) Scott-Elliot (4)
Perennial. Geophytic herb. Ht 0.3–1.3 m. Alt 60–610 m. S, KZN, EC

padifolium (Baker) Scott-Elliot = **X. orbiculare**

parviflorum Harv. ex Scott-Elliot
Asclepias pachyglossa (Schltr.) Schltr. (4)
Gomphocarpus pachyglossus Schltr. (4)
Perennial. Geophytic herb. Ht 120–320 mm. Alt 900–2100 m. LIM, G, M, FS, KZN, L, EC

pearsonii L.Bolus
Perennial. Geophytic herb. Ht 300–400 mm. Alt ± 1500 m. NC

pedunculatum Harv. = **X. prunelloides**

prismatostigma K.Schum. = **X. undulatum**

prunelloides Harv. = **X. prunelloides**

prunelloides Turcz.
Asclepias harveyana (Schltr.) Schltr. (4)
Gomphocarpus harveyanus Schltr. (4)
Gomphocarpus prunelloides (Turcz.) Schltr. (4)
X. pedunculatum Harv. (4)
X. prunelloides Harv. (4)
Perennial. Geophytic herb. Ht 150–350 mm. Alt 600–2440 m. EC

reflectens (E.Mey.) D.Dietr. = **Pachycarpus reflectens**

rigidum (E.Mey.) D.Dietr. = **Pachycarpus rigidus**

stockenstromense Scott-Elliot
Asclepias stockenstromensis (Scott-Elliot) Schltr. (3)
Gomphocarpus stockenstromensis (Scott-Elliot) Schltr. (3)
Perennial. Geophytic herb. Ht 100–800 mm. Alt 1200–2600 m. NW, G, M, FS, KZN, L, EC

trauseldii R.A.Dyer = **X. woodii**

tysonianum (Schltr.) N.E.Br.
Asclepias tysoniana Schltr. (4)
Gomphocarpus tysonianum (Schltr.) Schltr. (4)
Perennial. Geophytic herb. Ht 150–230 mm. Alt 1200–2685 m. KZN, L, EC

undulatum (L.) Aiton f. var. **ensifolium** Burch. ex Scott-Elliot
X. ensifolium (Burch. ex Scott-Elliot) N.E.Br. (3)
Perennial. Geophytic herb. Ht ± 1 m. Alt 1000–1300 m. N, B, NW, FS, NC, EC

undulatum (L.) Aiton f. var. **undulatum**
Asclepias undulata L. (2)
Gomphocarpus undulatus (L.) Schltr. (2)
X. ambiguum N.E.Br. (4)
X. amplifolium Weim. (4)
X. dilatatum Weim. (4)
X. lapathifolium K.Schum., not of Decne. (4)
X. leucotrichum (Schltr.) N.E.Br. (4)
X. prismatostigma K.Schum. (4)
Perennial. Geophytic herb. Ht 0.5–1.8 m. Alt 80–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

vexillare (E.Mey.) D.Dietr. = **Pachycarpus vexillaris**

viridiflorum (E.Mey.) D.Dietr. = **Asclepias dregeana** var. **dregeana**

winterbergense N.E.Br.
Perennial. Geophytic herb. Ht 100–130 mm. Alt ± 1050 m. EC

woodii N.E.Br.
X. trauseldii R.A.Dyer (4)
Perennial. Geophytic herb. Ht 150–350 mm. Alt 1370–1800 m. KZN, L

zeyheri N.E.Br.
Perennial. Geophytic herb. Ht 120–150 mm. Alt? WC, EC

AQUIFOLIACEAE

Compiled by M. Jordaan

ILEX L. 4614000

(1) Mendes. 1966. *FZ* 2,2: 353–355.
(2) Verdcourt. 1968. *FTEA* Aquifoliaceae: 1–4.
(3) Andrews. 1994. *Bothalia* 24: 163–166.

capensis Sond. = **I. mitis** var. **mitis**

crocea Thunb. = **Elaeodendron croceum**

mitis (L.) Radlk. var. **mitis**
I. capensis Sond. (1)
Perennial. Tree or shrub. Ht 3–30 m. Alt 10–2130 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

ARALIACEAE

Compiled by M. Jordaan

CUSSONIA Thunb. 5872000

(1) Sonder. 1862. *FC* 2: 568–570.
(2) Strey. 1973. *Bothalia* 11: 191–201.
(3) Strey. 1975. *Bothalia* 11: 515, 516.
(4) Reyneke. 1984. *South African Journal of Botany* 3: 368–374.
(5) Reyneke & Kok. 1987. *South African Journal of Botany* 53: 317–322.
(6) De Winter. 1991. *The Flowering Plants of Africa* 51: t. 2024.

arenicola Strey
Perennial. Shrub. Ht 1–3 m. Alt 5–300 m. KZN

chartacea of authors, not of Schinz = **C. sphaerocephala**

chartacea Schinz = **Schefflera umbellifera**

gamtoosensis Strey
Perennial. Tree or shrub. Ht 2–4 m. Alt 0–500 m. EC

natalensis Sond.
Perennial. Tree. Ht 2–11 m. Alt 100–1640 m. LIM, M, S, KZN

nicholsonii Strey
Perennial. Tree or shrub. Ht 1–3 m. Alt 5–550 m. KZN

paniculata Eckl. & Zeyh. subsp. **paniculata**
C. paniculata Eckl. & Zeyh. var. *paniculata* (6)
Perennial. Tree. Ht 1–4 m. Alt 300–2000 m. KZN, NC, WC, EC

paniculata Eckl. & Zeyh. subsp. **sinuata** (Reyneke & Kok) De Winter
C. paniculata Eckl. & Zeyh. var. *sinuata* Reyneke & Kok (6)
Perennial. Tree. Ht 2–5 m. Alt 900–1980 m. B, LIM, NW, G, M, S, FS, KZN, L

paniculata Eckl. & Zeyh. var. *paniculata* = **C. paniculata** subsp. **paniculata**

paniculata Eckl. & Zeyh. var. *sinuata* Reyneke & Kok = **C. paniculata** subsp. **sinuata**

sphaerocephala Strey
C. chartacea of authors, not of Schinz (2)
Perennial. Tree. Ht 10–25 m. Alt 0–800 m. KZN, EC

spicata Thunb.
Perennial. Tree. Ht 3–17 m. Alt 5–1800 m. LIM, NW, G, M, S, KZN, L, WC, EC

thyrsiflora Thunb.
Perennial. Tree or shrub. Ht 0.75–3 m. Alt 5–490 m. WC, EC

transvaalensis Reyneke
Perennial. Tree. Ht 2–5 m. Alt 900–1700 m. LIM, NW, G, M

umbellifera Sond. = **Schefflera umbellifera**

zuluensis Strey
Perennial. Tree. Ht 2–6 m. Alt 10–1000 m. M, S, KZN

SCHEFFLERA J.R.Forst. & G.Forst. 5852000

(1) Strey. 1973. *Bothalia* 11: 191–201.
(2) Cannon. 1978. *FZ* 4: 622–625.

umbellifera (Sond.) Baill.
Cussonia chartacea Schinz (1)
Cussonia umbellifera Sond. (2)
Perennial. Tree. Ht 3–15 m. Alt 60–1980 m. LIM, M, S, KZN, EC

SEEMANNARALIA R.Vig. 5872010

(1) Burtt & Dickison. 1975. *Notes from the Royal Botanic Garden Edinburgh* 33: 449–464.

gerrardii (Seem.) Harms
Perennial. Tree. Ht 2–15 m. Alt 610–1830 m. LIM, M, KZN, EC

ARISTOLOCHIACEAE

Compiled by M. Jordaan

ARISTOLOCHIA L. 2174000

(1) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland* 1: 114, 115.
(2) Verdcourt. 1986. *FTEA* Aristolochiaceae: 1–11.
(3) Stannard. 1997. *FZ* 9,2: 19–24.

albida Duch.
A. bainesii Burtt Davy (2)
Perennial. Climber. Ht 1–10 m. Alt 0–600 m. N

bainesii Burtt Davy = **A. albida**

***elegans** Mast.
Perennial. Climber. Ht 1–3 m. Alt? LIM, M, KZN

ASTERACEAE

Compiled by P.P.J. Herman, W.G. Welman, E. Retief, M. Koekemoer & N. Netnou

Note: grey shading contains some names not validly published and associated information.

ACANTHOTHECA DC. 9425030

integrifolia DC. = **Dimorphotheca sinuata**

pinnatisecta DC. = **Osteospermum pinnatum** var. **pinnatum**

*ACANTHOSPERMUM Schrank 9130000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 292–294.

australe (Loefl.) Kuntze
A. brasilum Schrank (1)
Annual or perennial? Herb, prostrate. Length 0.15–0.8 m. Alt 945–1600 m. LIM, G, M, S, KZN, EC

australe of authors, not of (Loefl.) Kuntze, concept invalid = **A. glabratum**

brasilum Schrank = **A. australe**

glabratum (DC.) Wild
A. australe of authors, not of (Loefl.) Kuntze, concept invalid (1)
A. xanthoides (Kunth) DC. var. *glabratum* DC. (1)
Annual, occ. perennial. Herb. Length up to 0.6 m. Alt up to 1800 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

hispidum DC.
Annual. Herb. Ht 0.3–1.3 m. Alt 40–1525 m. N, B, LIM, NW, G, M, S, KZN

xanthoides (Kunth) DC. var. *glabratum* DC. = **A. glabratum**

*ACHILLEA L. 9332000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 345, 346.

millefolium L.
A. millefolium L. subsp. *lanulosa* (Nutt.) Piper (1)
A. millefolium L. var. *lanulosa* (Nutt.) Piper & Beattie (1)
Perennial. Herb. Ht up to 0.5 m. Alt up to 1920 m. B, G, M, KZN, EC

millefolium L. subsp. *lanulosa* (Nutt.) Piper = **A. millefolium**

millefolium L. var. *lanulosa* (Nutt.) Piper & Beattie = **A. millefolium**

ACHYROCLINE (Less.) DC. 8994010

stenoptera (DC.) Hilliard & B.L.Burtt = **Helichrysum stenopterum**

ADENACHAENA DC. 9336010

leptophylla DC. = **Phymaspermum leptophyllum**

parvifolia DC. = **Phymaspermum parvifolium**

ADENANTHELLUM B.Nord. 9341050

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 157–160.
(2) Nordenstam. 1979. *Botaniska Notiser* 132: 160.

osmitoides (Harv.) B.Nord.

Adenanthemum osmitoides (Harv.) B.Nord. (2)
Chrysanthemum osmitoides Harv. (2)
Perennial. Herb. Ht 0.25–0.7 m. Alt up to 1830 m. M, S, KZN

ADENANTHEMUM B.Nord. 9341060

osmitoides (Harv.) B.Nord. = **Adenanthellum osmitoides**

ADENOGLOSSA B.Nord. 9341010

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 137–140.

decurrens (Hutch.) B.Nord.
Chrysanthemum decurrens Hutch. (1)
Annual. Herb. Ht 0.04–0.2 m. Alt 90–1372 m. NC

ADENOGONUM Welw. 8861010

decumbens Welw. ex Hiern = **Engleria decumbens**

ADENOSTEMMA J.R.Forst. & G.Forst. 8785000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 47–50.
(2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 58–60.

caffrum DC.
Annual. Herb, hydrophyte. Ht 1–1.5 m. Alt 20–1450 m. N, B, LIM, NW, G, M, S, KZN, EC

dregei DC. = **A. viscosum**

natalense DC. = **A. viscosum**

perrottetii DC. = **A. viscosum**

viscosum J.R.Forst. & G.Forst.
A. dregei DC. (2)
A. natalense DC. (2)
A. perrottetii DC. (2)
Annual. Herb. Ht ± 0.5 m. Alt 7–1300 m. M, KZN

ADVENTINA Raf. 9610000

ciliata Raf. = **Galinsoga ciliata**

AGATHAEA Cass. 8919030

amelloides (L.) DC. = **Felicia amelloides**

amelloides (L.) DC. var. *kraussii* (Sch.Bip.) Sch.Bip. = **Felicia aethiopica** subsp. **aethiopica**

amoena Sch.Bip. = **Felicia amoena** subsp. **amoena**

barbata DC. = **Felicia ovata**

barbata DC. var. *subalbescens* DC. = **Felicia ovata**

bergeriana (Spreng.) DC. = **Felicia bergeriana**

brevifolia DC. = **Felicia brevifolia**

coelestis Cass. = **Felicia amelloides**

corymbosa Turcz. = **Gymnostephium corymbosum**

diffusa DC. = **Felicia diffusa** subsp. **diffusa**

ecklonis (Less.) Nees = **Felicia aethiopica** subsp. **ecklonis**

elongata (Thunb.) Nees = **Felicia elongata**

hispida DC. = **Felicia hispida**

hispida DC. var. *barbigera* DC. = **Felicia hispida**

hirta DC. = **Felicia aculeata**

kraussii Sch.Bip. = **Felicia aethiopica** subsp. **aethiopica**

linifolia (L.) G.Don ex Loud. = **Euryops linifolius**

microphylla Cass. = **Felicia aethiopica** subsp. **aethiopica**

natalensis Sch.Bip. = **Felicia rosulata**

rotundifolia (Thunb.) Nees = **Felicia amelloides**

scabrida DC. = **Felicia scabrida**

serrata (Thunb.) Nees = **Felicia serrata**

stricta DC. = **Felicia amoena** subsp. **stricta**

strigosa (A.Spreng.) Nees = **Felicia ovata**

tenera DC. = **Felicia tenera**

tricolor Nees = **Felicia elongata**

zeyheri Nees = **Felicia linifolia**

***AGERATINA** Spach 8816030

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 52–54.
(2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 428–436.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 38.

adenophora (Spreng.) R.M.King & H.Rob.
Eupatorium adenophorum Spreng. (2)
Perennial. Shrub, herb. Ht 1–2 m. Alt 200–1000 m. G, KZN, WC

altissima (L.) R.M.King & H.Rob.
Eupatorium rugosum Houtt. (2)
Perennial. Herb. Ht 1–2 m. Alt ± 1100 m. LIM

riparia (Regel) R.M.King & H.Rob.
Eupatorium riparium Regel (2)
Perennial. Herb. Ht ± 1 m. Alt ± 700 m. KZN

***AGERATUM** L. 8795000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 50, 51.
(2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 142–145.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 39.

conyzoides L.
Annual. Herb. Ht 0.3–1 m. Alt 3–800 m. B, LIM, M, S, KZN, EC

houstonianum Mill.
A. mexicanum Sims (2)
Annual. Herb. Ht 0.3–1 m. Alt 5–1980 m. LIM, NW, M, S, KZN, EC

mexicanum Sims = **A. houstonianum**

ALATOSETA Compton 9090010

Compiled by P.P.J. Herman

(1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 314.

tenuis Compton
Annual. Herb. Ht ± 0.15 m. Alt 450–900 m. WC

ALCIOPE DC. 9391000

lanata (Thunb.) DC. = **Capelio tomentosa**

tabularis (Thunb.) DC. = **Capelio tabularis**

***AMBROSIA** L. 9146000

Compiled by N. Netnou

(1) Hansen. 1976. *Flora europaea* 4: 142, 143.
(2) Hilliard. 1977. *Compositae in Natal*: 295–297.

artemisiifolia L.
A. maritima in sense of Wild, misapplied name (2)
Annual. Herb. Ht up to 2 m. Alt 2–1750 m. LIM, NW, G, M, KZN, NC

maritima in sense of Wild, misapplied name = **A. artemisiifolia**

psilostachya DC.
Perennial. Herb. Ht up to 1 m. Alt ± 15 m. NW, G, FS, KZN, EC

tenuifolia Spreng.
Annual. Herb. Ht up to 0.3 m. Alt ± 30 m. EC

AMELLUS L. 8887000

Compiled by P.P.J. Herman

(1) Rommel. 1977. *Mitteilungen der Botanischen Staatssammlung München* 13: 579–728.

alternifolius Roth subsp. **alternifolius**
A. annuus Willd. (1)
A. hispidus DC. (1)
Annual, occ. perennial. Herb. Ht 0.3–0.8 m. Alt 930–1830 m. NC

alternifolius Roth subsp. **angustissimus** (DC.) Rommel
A. hispidus DC. var. *angustissimus* DC. (1)
Perennial. Herb. Ht up to 0.3 m. Alt? NC, WC

annuus Willd. = **A. alternifolius** subsp. **alternifolius**

arenarius S.Moore = **A. tridactylus** subsp. **arenarius**

asteroides (L.) Druce subsp. **asteroides**
A. lychnitis in sense of Harv. in part (1)
A. lychnitis L. (1)
Verbesina asteroides L. (1)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 3–200 m. WC

asteroides (L.) Druce subsp. **mollis** Rommel
A. lychnitis L. var. *flosculosus* Benth. ex Harv. in part (1)
Perennial. Shrub. Ht ± 0.35 m. Alt 1–15 m. WC

capensis (Walp.) Hutch.
A. lychnitis L. var. *flosculosus* Benth. ex Harv. in part (1)
Haenelia capensis Walp. (1)
Perennial. Herb. Ht 0.2–0.35 m. Alt? WC

coilopodius DC.
Annual. Herb. Ht 0.1–0.25 m. Alt? NC

epaleaceus O.Hoffm.
Susanna epaleacea (O.Hoffm.) E.Phillips (1)
Annual. Herb. Ht 0.01–0.1 m. Alt 1–800 m. N, NC

flosculosus DC.
A. hispidus DC. var. *flosculosus* (DC.) Harv. (1)
Pegolettia arenicola Dinter ex Range (1)
Perennial. Herb or dwarf shrub. Ht 0.15–0.4 m. Alt ± 500 m. N, NC

hispidus DC. = **A. alternifolius** subsp. **alternifolius**

hispidus DC. var. *angustissimus* DC. = **A. alternifolius** subsp. **angustissimus**

hispidus DC. var. *flosculosus* (DC.) Harv. = **A. flosculosus**

humilis Heering = **A. tridactylus** subsp. **arenarius**

lychnitis in sense of Harv. in part = **A. asteroides** subsp. **asteroides**

lychnitis in sense of Harv. in part = **A. tenuifolius**

lychnitis L. = **A. asteroides** subsp. **asteroides**

lychnitis L. var. *flosculosus* Benth. ex Harv. in part = **A. asteroides** subsp. **mollis**

lychnitis L. var. *flosculosus* Benth. ex Harv. in part = **A. capensis**

microglossus DC.
Susanna microglossa (DC.) E.Phillips (1)
Annual. Herb. Ht 0.15–0.25 m. Alt 270–900 m. NC, WC

nanus DC.
Annual. Herb. Ht 0.1–0.3 m. Alt up to 360 m. N, NC

reductus Rommel
Annual. Herb. Ht 0.05–0.1 m. Alt? N, B

scabridus DC. = **A. strigosus** subsp. **scabridus**

strigosus (Thunb.) Less. subsp. **pseudoscabridus** Rommel
Annual. Herb. Ht 0.05–0.1 m. Alt 240–1000 m. EC

strigosus (Thunb.) Less. subsp. **scabridus** (DC.) Rommel
A. scabridus DC. (1)
Annual. Herb. Ht 0.05–0.1 m. Alt up to 245 m. WC

strigosus (Thunb.) Less. subsp. **strigosus**
A. strigosus (Thunb.) Less. var. *thunbergii* Harv. in part (1)
A. strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)
A. strigosus (Thunb.) Less. var. *willdenovii* Harv. in part (1)
Aster strigosus Thunb. (1)
Annual. Herb. Ht 0.05–0.1 m. Alt 15–2380 m. NC, WC, EC

strigosus (Thunb.) Less. var. *thunbergii* Harv. in part = **A. strigosus** subsp. **strigosus**

strigosus (Thunb.) Less. var. *thunbergii* Harv. in part = **A. tridactylus** subsp. **olivaceus**

strigosus (Thunb.) Less. var. *thunbergii* Harv. in part = **A. tridactylus** subsp. **tridactylus**

strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. strigosus** subsp. **strigosus**

strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. tridactylus** subsp. **olivaceus**

strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. tridactylus** subsp. **tridactylus**

strigosus (Thunb.) Less. var. *willdenovii* Harv. in part = **A. strigosus** subsp. **strigosus**

strigosus (Thunb.) Less. var. *willdenovii* Harv. in part = **A. tridactylus** subsp. **olivaceus**

strigosus (Thunb.) Less. var. *willdenovii* Harv. in part = **A. tridactylus** subsp. **tridactylus**

tenuifolius Burm.
A. lychnitis in sense of Harv. in part (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 30–700 m. NC, WC

tridactylus DC. subsp. **arenarius** (S.Moore) Rommel
A. arenarius S.Moore (1)
A. humilis Heering (1)
Annual. Herb. Ht 0.1–0.2 m. Alt 650–900 m. N, NC

tridactylus DC. subsp. **olivaceus** Rommel
A. strigosus (Thunb.) Less. var. *thunbergii* Harv. in part (1)
A. strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)
A. strigosus (Thunb.) Less. var. *willdenovii* Harv. in part (1)
Annual. Herb. Ht up to 0.07 m. Alt 400–1821 m. NC, WC

tridactylus DC. subsp. **tridactylus**
A. strigosus (Thunb.) Less. var. *thunbergii* Harv. in part (1)
A. strigosus (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)
A. strigosus (Thunb.) Less. var. *wildenovii* Harv. in part (1)

Leysera tridactyla E.Mey ex DC. (1)
Annual. Herb. Ht 0.02–0.15 m. Alt 1150–1920 m. FS, NC, EC

AMPHIDOXA DC. 8972000

adscendens O.Hoffm. ex Zahlbr. = **Gnaphalium griquense**
engleriana O.Hoffm. = **Gnaphalium englerianum**
filaginea Ficalho & Hiern = **Gnaphalium filagopsis**
filaginea Ficalho & Hiern var. *transiens* Merxm. = **Gnaphalium filagopsis**
glandulosa Klatt = **Denekia capensis**
gnaphalodes DC. = **Gnaphalium gnaphalodes**
lasiocephala O.Hoffm. = **Artemisiopsis villosa**
villosa O.Hoffm. = **Artemisiopsis villosa**

AMPHIGLOSSA DC. 9046000

Compiled by M. Koekemoer
(1) Koekemoer. 1999. *Bothalia* 29: 65–75.

alopecuroides Sch.Bip. = **Stoebe alopecuroides**

callunoides DC.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 0–100 m. WC, EC

celans Koekemoer
Perennial. Subshrub, scrambler. Ht 0.2–0.3 m. Alt 100–200 m. NC, WC

corrudifolia DC.
Perennial. Shrub. Ht 0.2–0.4 m. Alt 300–600 m. NC, WC

grisea Koekemoer
Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt 300–900 m. WC

kolbei Bolus = **Laevicarpa kolbei**

perotrichoides DC.
Pterothrix perotrichoides (DC.) Harv. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt 300–1300 m. WC

rudolphii Koekemoer
Perennial. Shrub. Ht 0.4–1.2 m. Alt 400–700 m. NC, WC

susannae Koekemoer
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 900–1200 m. WC

tecta (Brusse) Koekemoer
Pterothrix tecta Brusse (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1100–1300 m. NC

thuja (Merxm.) Koekemoer
Pterothrix thuja Merxm. (1)
Pterothrix trifurcata C.A.Sm. ex Merxm. (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 500–600 m. N

tomentosa (Thunb.) Harv.
Athrixia tomentosa (Thunb.) Less. (1)
Pteronia engleriana Muschl. (1)
Pterothrix engleriana (Muschl.) Hutch. & E.Phillips (1)
Pterothrix flaccida Schltr. ex Hutch. & E.Phillips (1)
Pterothrix tomentosa DC. (1)
Relhania tomentosa Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.6 m. Alt 300–1100 m. N, NC, WC

triflora DC.
Helichrysum armatum Dinter ex Merxm., naked name (1)
Pterothrix spinescens DC. (1)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 900–1400 m. N, NW, G, M, FS, L, NC, WC, EC

ANACYCLUS L. 9331000

australis Spreng. = **Cotula australis**

ANAGLYPHA DC. 9049000

acicularis Benth. = **Oxylaena acicularis**
aspera DC. = **Gibbaria scabra**
latifolia S.Moore = **Anisopappus latifolius**

ANAPHALIS DC. 8983000

oligandra DC. = **Pseudognaphalium oligandrum**

ANAXETON Gaertn. 8998000

Compiled by P.P.J. Herman
(1) Lundgren. 1972. *Opera Botanica* 31: 5–59.
(2) Nordenstam. 1988. *South African Journal of Botany* 54: 631, 632.

angustifolium Lundgren
Perennial. Suffrutex. Ht up to 0.6 m. Alt 1500–2500 m. WC

arborescens (L.) Less.
A. arboreum (L.) Gaertn. (1)
A. floridum Poir. (1)
A. recurvum (Lam.) DC. (1)
Gnaphalium arborescens L. (1)
Gnaphalium arboreum L. (1)
Gnaphalium floridum Poir. (1)
Gnaphalium recurvum Lam. (1)
Perennial. Suffrutex. Ht up to 0.45 m. Alt 700–1100 m. WC

arboreum (L.) Gaertn. = **A. arborescens**

asperum (Thunb.) DC. subsp. **asperum**
A. asperum (Thunb.) DC. var. *asperum* (1)
Gnaphalium asperum Thunb. (1)
Gnaphalium stenocladon Schrank (1)
Perennial. Suffrutex. Ht 0.2–0.5 m. Alt 30–1200 m. WC

asperum (Thunb.) DC. subsp. **pauciflorum** Lundgren
Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 450–1725 m. WC

asperum (Thunb.) DC. var. *asperum* = **A. asperum** subsp. **asperum**

asperum (Thunb.) DC. var. *laeve* Harv. = **A. laeve**

brevipes Lundgren
Perennial. Suffrutex. Ht up to 0.3 m. Alt 1000–1600 m. WC

canescens (DC.) Benth. & Hook. ex B.D.Jacks. = **Langebergia canescens**

ellipticum Lundgren
Perennial. Suffrutex. Ht up to 0.6 m. Alt 1000–1400 m. WC

floridum Poir. = **A. arborescens**

hirsutum (Thunb.) Less.
Gnaphalium hirsutum Thunb. (1)
Perennial. Suffrutex. Ht up to 0.3 m. Alt 550–1500 m. WC

laeve (Harv.) Lundgren
A. asperum (Thunb.) DC. var. *laeve* Harv. (1)

Perennial. Suffrutex. Ht 0.35–0.76 m. Alt 5–600 m. WC

lundgrenii B.Nord.
Perennial. Suffrutex. Ht 0.15–0.25 m. Alt 305–915 m. WC

nycthemerum Less.
Perennial. Suffrutex. Ht up to 0.5 m. Alt 600–1100 m. WC

recurvum (Lam.) DC. = **A. arborescens**

septentrionalis Vatke = **Helichrysopsis septentrionale**

virgatum DC.
Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 150–900 m. WC

ANDERBERGIA B.Nord. 8998010

Compiled by P.P.J. Herman

(1) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 270, 271.
(2) Hilliard. 1993. *Edinburgh Journal of Botany* 50: 181, 182.
(3) Nordenstam. 1996. *Annalen des Natürhistorischen Museums in Wien* 98B Suppl.: 403–418.

elsiae B.Nord.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 900–915 m. WC

epaleata (Hilliard & B.L.Burtt) B.Nord.
Petalacte epaleata Hilliard & B.L.Burtt (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1220–1525 m. WC

fallax B.Nord.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 1000–1067 m. WC

rooibergensis B.Nord.
Perennial. Shrub. Ht up to 0.8 m. Alt 1220–1403 m. WC

ustulata B.Nord.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–1220 m. WC

vlokii (Hilliard) B.Nord.
Petalacte vlokii Hilliard (3)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1000–1281 m. WC

ANISOCHAETA DC. 9068000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 278, 279.

mikanioides DC.
Perennial. Shrub, climber. Ht? Alt up to 600 m. KZN

ANISOPAPPUS Hook. & Arn. 9096000

Compiled by E. Retief

(1) Oliver & Hiern. 1877. *FTA* 3: 369.
(2) Wild. 1964. *Kirkia* 4: 45–73.
(3) Merxmüller. 1967. *FSWA* 139: 23.
(4) Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 294, 295.
(5) Ortíz & Paiva. 1995. *Botanical Journal of the Linnean Society* 117: 39–46.
(6) Eldenäs & Anderberg. 1996. *Plant Systematics and Evolution* 199: 167–192.

junodii Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 760–1900 m. LIM

latifolius (S.Moore) B.L.Burtt
Anaglypha latifolia S.Moore (4)
Annual. Herb. Ht ± 0.2 m. Alt 2000–2115 m. M

pinnatifidus (Klatt) O.Hoffm. ex Hutch.
A. triloba (Klatt) O.Hoffm. ex Merxm. (3)
Athanasia triloba Klatt (2)
Eenia damarensis Hiern & S.Moore (2)
Matricaria pinnatifida Klatt (2)
Senecio aschersonianus Muschl. ex Dinter (3)
Senecio oreophilus Muschl. ex Dinter (3)
Perennial. Herb. Ht 0.45–1.2 m. Alt 915–1826 m. N

pseudopinnatifidus S.Ortíz & Paiva
Perennial. Herb. Ht ± 1 m. Alt ± 1500 m. N

smutsii Hutch.
Perennial. Shrub. Ht 0.75–1.5 m. Alt 915–1705 m. M, S, KZN

triloba (Klatt) O.Hoffm. ex Merxm. = **A. pinnatifidus**

ANISORAMPHUS DC. 9605020

hypochaerideus DC. = **Crepis hypochaeridea**

ANISOTHRIX O.Hoffm. 9072000

Compiled by P.P.J. Herman

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 385, 386.
(2) Anderberg. 1988. *Botanische Jahrbücher* 109: 366–371.

integra (Compton) Anderb.
Iphiona integra Compton (2)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 1000–1500 m. WC

kuntzei O.Hoffm.
Iphiona dentata (Bolus) Bolus (2)
Pegolettia dentata Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 500–1000 m. WC

*ANTHEMIS L. 9330000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 343, 344.

afra L. = **Osmitopsis afra**

arvensis L.
Annual. Herb. Ht up to 0.5 m. Alt 1000–1500 m. KZN

cotula L.
Annual. Herb. Ht 0.22–0.6 m. Alt 30–2100 m. NW, G, M, KZN, NC?, WC, EC

fruticosa L. = **Relhania fruticosa**

ANTIPHIONA Merxm. 9065010

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 24.
(2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 107.

fragrans (Merxm.) Merxm.
Iphiona fragrans Merxm. (1, 2)
Perennial. Shrub. Ht 0.45–1.5 m. Alt up to 1850 m. N

pinnatisecta (S.Moore) Merxm.
Homochaete dinteriana Muschl. ex Dinter (1)
Iphiona pinnatisecta S.Moore (1, 2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 1525 m. N

ANTITHRIXIA DC. 9056000

Compiled by P.P.J. Herman

(1) Bremer. 1978. *Botaniska Notiser* 131: 452, 453.

flavicoma DC.
Perennial. Shrub. Ht 0.38–0.6 m. Alt 640–670 m. NC

ANTUNESIA O.Hoffm. 9374000

angolensis (O.Hoffm.) O.Hoffm. = **Distephanus angolensis**

APHELEXIS D.Don 9006030

fasciculata (Andrews) D.Don = **Edmondia fasciculata**

filiformis D.Don = **Edmondia sesamoides**

humilis (Andrews) D.Don = **Edmondia pinifolia**

sesamoides (L.) D.Don = **Edmondia sesamoides**

ARCTOTHECA J.C.Wendl. 9432020

Compiled by E. Retief

(1) Britten. 1916. *Journal of Botany, London* 54: 61.
(2) Lewin. 1922. *Feddes Repertorium*, Beiheft 11: 1–95.
(3) Hilliard. 1977. *Compositae in Natal*: 541–543.
(4) Pope. 1992. *FZ* 6,1: 235–237.
(5) Retief & Herman. 1997. *Strelitzia* 6: 291.
(6) Beyers. 2000. In Goldblatt & Manning in *Strelitzia* 9: 303.
(7) Beyers. 2002. *Bothalia* 32: 185–187.

calendula (L.) Levyns
A. calendulaceum (L.) Lewin (3)
Arctotis calendula L. (3)
Cryptostemma calendulaceum (L.) R.Br. (3)
Annual. Herb, variable in habit. Alt 20–1300 m. KZN, L, NC, WC, EC

calendulaceum (L.) Lewin = **A. calendula**

forbesiana (DC.) Lewin
Cryptostemma forbesianum (DC.) Harv. (2)
Gazania forbesiana DC. (2)
Annual. Herb. Ht ± 0.2 m. Alt 100–324 m. WC

grandiflora Schrad. = **A. prostrata**

marginata Beyers
Perennial. Herb. Length? Alt ± 760 m. NC

nivea (L.f.) Lewin = **A. populifolia**

populifolia (P.J.Bergius) Norl.
A. nivea (L.f.) Lewin (3)
Arctotis populifolia P.J.Bergius (3)
Arctotis verbascifolia Harv. (2)
Perennial. Herb, prostrate, decumbent. Ht ± 0.2 m. Alt 117–170 m. KZN, NC, WC, EC

prostrata (Salisb.) Britten
A. grandiflora Schrad. (2)
A. repens J.C.Wendl. (1)
Arctotis prostrata Salisb. (1)
Perennial. Herb, prostrate, sprawling. Ht 0.01–0.15 m. Alt 100–200 m. WC, EC

repens J.C.Wendl. = **A. prostrata**

ARCTOTIS L. 9432000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 448–464.
(2) Dummer. 1914. *Journal of Botany* 52: 152, 153.
(3) Beauverd. 1915. *Bulletin de la Société Botanique de Genève* sér. 2, 7: 46–49.
(4) Spencer le Moore. 1917. *Journal of Botany* 55: 126, 127.
(5) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 3.
(6) Lewin. 1922. *Feddes Repertorium* 18: 300.
(7) Lewin. 1922. *Feddes Repertorium* Beihefte 11: 54–75.
(8) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 117.
(9) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 198.
(10) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 241.
(11) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 501.
(12) Hutchinson. 1946. *A botanist in southern Africa*: 158.
(13) Henderson. 1961. *The Flowering Plants of Africa* 34: t. 1353.
(14) Norlindh. 1964. *Svensk Botanisk Tidskrift* 58, Heft 1: 193–203.
(15) Norlindh. 1965. *Botaniska Notiser* 118: 403–411.
(16) Merxmüller. 1967. *FSWA* 139: 25–27.
(17) Norlindh. 1967. *Svensk Botanisk Tidskrift Band* 61, Heft 1: 24–28.
(18) Hilliard. 1977. *Compositae in Natal*: 536–539.
(19) Friedrich. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16, Beiheft: 11–17.
(20) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 155, 156.

acaulis L.
A. scapigera Thunb. (7)
A. speciosa Jacq. (7)
Perennial. Herb. Ht 0.1–0.4 m. Alt 30–1200 m. NC, WC, EC

acaulis Jacq. = **A. adpressa**

acuminata Lewin
Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 600–1800 m. WC

adpressa DC.
A. acaulis Jacq. (7)
Perennial. Herb. Ht 0.06–0.12 m. Alt 1000–2000 m. NC

aenea Jacq.
Perennial. Suffrutex. Ht 0.12–0.35 m. Alt 1400–1450 m. WC, EC

angustifolia L.
A. decumbens Jacq. (7)
Perennial. Herb. Length 0.15–0.75 m. Alt 15–1600 m. WC

anthemoides L. = **Ursinia anthemoides** subsp. **anthemoides**

arborescens Willd. = **A. aspera** var. **aspera**

arctotoides (L.f.) O.Hoffm.
Osteospermum arctotoides L.f. (16, 18)
Venidium arctotoides (L.f.) Less. (16, 18)
Venidium decurrens Less. (18)
Perennial. Herb. Ht 0.07–0.3 m. Alt 0–3355 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

argentea Thunb.
Perennial. Suffrutex. Ht 0.6–1 m. Alt 600–1220 m. WC, EC

aspera L. var. *angustifolia* (Jacq.) Less. = **A. aspera** var. **aspera**

aspera L. var. **aspera**
A. arborescens Willd. (7)
A. aspera L. var. *angustifolia* (Jacq.) Less. (7)
A. aureola Edwards (7)
A. maculata Jacq. (7)
Perennial. Suffrutex. Ht up to 0.8 m. Alt 12–1000 m. WC

aspera L. var. **scabra** P.J.Bergius
A. glandulosa Thunb. (7)
Perennial. Suffrutex. Ht 0.2–0.9 m. Alt 100–765 m. WC

aurea (DC.) Beauverd = **A. fastuosa**

aureola Edwards = **A. aspera** var. **aspera**

auriculata Jacq.
A. melanocycla Willd. ex Harv. (7)
A. namaquana Schltr. ex Lewin (7)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 10–1000 m. N, NC

bellidiastrum (S.Moore) Lewin
Venidium bellidiastrum S.Moore (7)
Perennial. Herb. Ht? Alt? M

bellidifolia P.J.Bergius
A. muricata Thunb. (7)
A. paniculata Jacq. (7)
Perennial. Herb. Length 0.15–0.6 m. Alt 15–150 m. WC

bolusii (S.Moore) Lewin
Venidium bolusii S.Moore (7)
Perennial. Herb. Ht up to 0.05 m. Alt up to 1385 m. FS, NC, WC

breviscapa Thunb. = **A. leptorhiza**

calendula L. = **Arctotheca calendula**

campanulata DC.
Perennial. Herb. Ht 0.15–0.2 m. Alt 425–1300 m. NC

candida Thunb.
A. revoluta DC. (7)
Perennial. Herb or suffrutex. Ht 0.05–1.2 m. Alt up to 670 m. WC

canescens DC. = **A. diffusa**

caudata Lewin
Perennial. Suffrutex. Ht? Alt 650–700 m. WC

caulescens Thunb. = **A. incisa**

cineraria Jacq. = **A. cuprea**

crispata Hutch.
Perennial. Herb or suffrutex. Ht up to 0.3 m. Alt 300–975 m. NC, WC

crithmoides P.J.Bergius = **Ursinia paleacea**

cuneata DC.
Perennial. Suffrutex. Ht 0.2–0.75 m. Alt 170–1250 m. WC, EC

cuprea Jacq.
A. cineraria Jacq. (7)
A. undulata Thunb. (7)
Perennial. Suffrutex or dwarf shrub. Ht 0.5–2 m. Alt 5–900 m. NC, WC

decumbens Jacq. = **A. angustifolia**

decumbens Thunb. = **A. stoechadifolia**

decurrens Jacq.
Perennial. Suffrutex. Ht? Alt? 'Kap' (7)

dentata L. = **Ursinia dentata**

denudata Thunb. = **A. laevis**

diffusa Thunb.
A. canescens DC. (7)
A. splendens Muschl. (7)
Perennial. Herb. Ht 0.25–0.5 m. Alt 0–1700 m. NC, WC

discolor (Less.) Beauverd
Venidium discolor Less. (7)
Perennial. Herb or suffrutex. Ht 0.1–0.45 m. Alt 30–335 m. WC, EC

dregei Turcz.
Annual. Herb. Ht up to 0.15 m. Alt 150–610 m. WC

elatior Jacq. = **A. laevis**

elongata Thunb.
Perennial. Herb. Ht 0.2–0.3 m. Alt 800–855 m. WC

erosa (Harv.) Beauverd
Venidium erosum Harv. (7)
Perennial. Herb. Ht 0.1–0.5 m. Alt 1030–1830 m. NC, WC

fastuosa Jacq.
A. aurea (DC.) Beauverd (16)
A. maximiliani Schltr. ex Dinter (16)
Venidium aureum DC. (16)
Venidium fastuosum (Jacq.) Stapf (16)
Venidium macrocephalum DC. (16)
Venidium wyleyi Harv. (16)
Annual. Herb. Ht 0.05–0.65 m. Alt 61–1525 m. N, NC, WC

flaccida Jacq.
Annual, occ. perennial. Herb. Ht up to 0.4 m. Alt? WC?

foeniculacea Jacq. = **Ursinia anthemoides** subsp. **anthemoides**

formosa Thunb. = **A. incisa**

fosteri N.E.Br.
Perennial. Herb. Ht 0.4–0.9 m. Alt 10–151 m. WC

frutescens Norl.
Perennial. Dwarf shrub or shrub. Ht 0.2–0.5 m. Alt? N

glabrata Jacq. = **A. laevis**

glandulosa Thunb. = **A. aspera** var. **scabra**

glutinosa Sims = **Dimorphotheca cuneata**

gowerae E.Phillips
Perennial. Herb. Ht up to 0.4 m. Alt? WC

graminea Lewin
Perennial. Herb. Length? Alt 180–200 m. WC

grandiflora Jacq. = **A. laevis**

grandis Thunb. = **A. stoechadifolia**

gumbletonii Hook.f.
Perennial. Herb. Ht 0.3–0.5 m. Alt? NC

hirsuta (Harv.) Beauverd
Venidium fugax Harv. (7)
Venidium hirsutum Harv. (7)
Venidium hispidulum DC. (7)
Venidium kraussii Sch.Bip. (7)
Venidium subacaule DC. (7)
Annual. Herb. Ht 0.05–0.5 m. Alt 0–1060 m. NC, WC

hispidula (Less.) Beauverd
Venidium hispidulum Less. (7)
Venidium puberulum DC. (7)
Perennial. Herb. Ht 0.3–0.6 m. Alt 0–300 m. WC, EC

incisa Thunb.
A. caulescens Thunb. (7)
A. formosa Thunb. (7)
Perennial. Suffrutex. Ht up to 0.8 m. Alt 100–150 m. WC

karasmontana Dinter = **A. leiocarpa**

laevis Thunb.
A. denudata Thunb. (7)
A. elatior Jacq. (7)
A. glabrata Jacq. (7)
A. grandiflora Jacq. (7)
A. squarrosa Jacq. (7)
Perennial. Suffrutex. Ht 0.4–1.2 m. Alt 50–1140 m. NC, WC

lanata Thunb. = **Haplocarpha lanata**

lanceolata Harv.
Perennial. Suffrutex. Ht 0.3–0.45 m. Alt 400–460 m. WC

leiocarpa Harv.
A. karasmontana Dinter (16)
A. macrostylis Lewin (16)
A. microcephala S.Moore (16)
Perennial. Herb. Ht 0.2–0.4 m. Alt 460–1548 m. N, NC, WC, EC

leiocarpa Harv. × **A. fastuosa** Jacq.
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 700–900 m. NC

leptorhiza DC.
A. breviscapa Thunb. (7)
Annual. Herb. Ht 0.04–0.22 m. Alt 25–609 m. WC

linearis Thunb.
Perennial. Suffrutex. Ht? Alt? 'Kap' (7)

macrosperma (DC.) Beauverd
Venidium macrospermum DC. (7)
Perennial. Suffrutex. Ht up to 0.4 m. Alt 1220–2500 m. WC

macrostylis Lewin = **A. leiocarpa**

maculata Jacq. = **A. aspera** var. **aspera**

maximiliani Schltr. ex Dinter = **A. fastuosa**

melanocycla Willd. ex Harv. = **A. auriculata**

merxmuelleri Friedrich
Perennial. Dwarf shrub or suffrutex. Ht 0.5–1.5 m. Alt 10–30 m. NC

microcephala (DC.) Beauverd
Venidium microcephalum DC. (7)
Perennial. Herb. Ht 0.02–0.6 m. Alt 610–3100 m. N, NW, G, FS, L, NC, WC, EC

microcephala S.Moore = **A. leiocarpa**

muricata Thunb. = **A. bellidifolia**

namaquana Schltr. ex Lewin = **A. auriculata**

nodosa Thunb. = **Leucoptera nodosa**

nudicaulis Thunb. = **Ursinia nudicaulis**

oocephala DC.
Perennial. Herb. Ht up to 0.15 m. Alt? WC

paleacea L. = **Ursinia paleacea**

paleacea Thunb. = **Ursinia subfloscula**

paniculata Jacq. = **A. bellidifolia**

parvifolia Schltr. = **Haplocarpha parvifolia**

pectinata Thunb. = **Ursinia dentata**

perfoliata (Less.) Beauverd
Venidium cinerarium DC. (7)
Venidium perfoliatum Less. (7)
Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 122–610 m. WC

petiolata Thunb.
Annual. Herb. Ht 0.1–0.25 m. Alt 0–765 m. WC, EC

pilifera P.J.Bergius = **Ursinia pilifera**

pinnata Thunb. = **Ursinia pinnata**

pinnatifida Thunb.
Perennial. Suffrutex. Ht 0.39–0.6 m. Alt 100–330 m. WC

populifolia P.J.Bergius = **Arctotheca populifolia**

prostrata Salisb. = **Arctotheca prostrata**

punctata Thunb. = **Ursinia punctata**

pusilla DC.
Annual. Herb. Ht ± 0.06 m. Alt? WC

revoluta DC. = **A. candida**

revoluta Jacq.
Perennial. Suffrutex. Ht 0.3–0.7 m. Alt 0–915 m. NC

rigida Burm.f. = **Gazania rigida**

rogersii (S.Moore) Lewin
Venidium rogersii S.Moore (7)
Perennial. Herb. Length? Alt? B

rosea Less., not of Jacq. = **A. stoechadifolia**

rotundifolia Lewin
Perennial. Suffrutex. Length? Alt 700–1200 m. WC

scapigera Thunb. = **A. acaulis**

scariosa Aiton = **Ursinia scariosa** subsp. **scariosa**

schlechteri Lewin
Perennial. Suffrutex. Ht? Alt ± 400 m. WC

scullyi Dummer
Perennial. Shrub or suffrutex. Ht up to 0.2 m. Alt? NC, WC

semipapposa (DC.) Beauverd
Venidium semipapposum DC. (7)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 50–1370 m. WC

sericea Thunb. = **Ursinia sericea**

serpens (S.Moore) Lewin
Venidium serpens S.Moore (7)
Perennial. Herb. Length? Alt? B? (7)

serrata L.f. = **Ursinia serrata**

sessilifolia Lewin
Perennial. Suffrutex. Ht? Alt? WC

setosa Lewin
Annual. Herb. Ht? Alt? WC

speciosa Jacq. = **A. acaulis**

splendens Muschl. = **A. diffusa**

squarrosa Jacq. = **A. laevis**

stoechadifolia P.J.Bergius
A. decumbens Thunb. (14)
A. grandis Thunb. (14)
A. rosea Less., not of Jacq. (7)
Perennial. Suffrutex. Length 0.2–1 m. Alt 0–1700 m. WC

stoechadifolia of author, not of P.J.Bergius, concept invalid = **A. venusta**

suffruticosa Lewin
Perennial. Suffrutex. Length? Alt ± 250 m. EC

sulcocarpa Lewin
Annual. Herb. Ht 0.05–0.15 m. Alt 45–800 m. WC

tenuifolia L. = **Ursinia tenuifolia** subsp. **tenuifolia**

tenuifolia Poir. = **Dimorphotheca nudicaulis** var. **graminifolia**

tricolor Jacq.
Annual or perennial. Herb. Ht up to 0.3 m. Alt ± 175 m. WC

trifida Thunb. = **Ursinia trifida** forma **trifida**

undulata Jacq.
Perennial. Herb. Ht 0.1–0.15 m. Alt 200–300 m. WC

undulata Thunb. = **A. cuprea**

venidioides DC.
Perennial. Herb. Ht? Alt? WC

venusta Norl.
A. stoechadifolia of author, not of P.J.Bergius, concept invalid (16)
Annual. Herb. Ht 0.08–0.6 m. Alt 75–2000 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

verbascifolia Harv. = **Arctotheca populifolia**

virgata Jacq.
Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 0–6 m. EC

ARNICA L. 9396000

cordata Thunb. = **Gerbera cordata**
crenata Thunb. = **Mairia crenata**
crocea L. = **Gerbera crocea**
gerbera L. = **Gerbera linnaei**
grandis Thunb. = **Oldenburgia grandis**
lanata Thunb. = **Capelio tomentosa**
piloselloides L. = **Gerbera piloselloides**
serrata Thunb. = **Gerbera serrata**
tabularis Thunb. = **Capelio tabularis**

ARROWSMITHIA DC. 9058000

Compiled by P.P.J. Herman

(1) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230, 231.
(2) Anderberg. 1991. *Opera Botanica* 104: 50, 51, 53.

styphelioides DC.
Macowania styphelioides (DC.) Kroner (1)
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 975–2135 m. EC

ARTEMISIA L. 9358000

Compiled by P.P.J. Herman

(1) Tutin *et al*. 1976. *Flora europaea* 4: 178–186.
(2) Hilliard. 1977. *Compositae in Natal*: 360, 361.

afra Jacq. ex Willd.
Perennial. Shrub or herb. Ht 0.3–2 m. Alt 20–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

ambigua Thunb. = **Seriphium plumosum**

maderaspatana L. = **Grangea maderaspatana**

vermiculata L. = **Seriphium plumosum**

***vulgaris** L.
Annual, occ. perennial. Herb. Ht up to 0.7 m. Alt up to 1000 m. EC

ARTEMISIOPSIS S.Moore 8973000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 28.
(2) Anderberg. 1991. *Opera Botanica* 104: 55.

linearis S.Moore = **A. villosa**

villosa (O.Hoffm.) Schweick.
Amphidoxa lasiocephala O.Hoffm (1)
Amphidoxa villosa O.Hoffm. (1)
A. linearis S.Moore (1)
Annual. Herb. Ht 0.1–0.3 m. Alt up to 1100 m. N, B, LIM

ASAEMIA (Harv.) Harv. ex Benth. & Hook. 9363000

axillaris (Thunb.) Harv. ex Hoffm. = **Athanasia minuta** subsp. **minuta**

inermis E.Phillips = **Athanasia minuta** subsp. **inermis**

minuta (L.f.) K.Bremer subsp. *inermis* (E.Phillips) K.Bremer = **Athanasia minuta** subsp. **inermis**

minuta (L.f.) K.Bremer subsp. *minuta* = **Athanasia minuta** subsp. **minuta**

ASPILIA Thouars 9195000

Compiled by N. Netnou

(1) Wild. 1966. *Kirkia* 5: 199–228.
(2) Wild. 1967. *Kirkia* 6: 39–48.
(3) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 318.

attrivittata Merxm. = **A. eenii**

brachyphylla S.Moore = **A. pluriseta** subsp. **pluriseta**

eenii S.Moore
A. attrivittata Merxm. (1)
Perennial. Shrub or herb. Ht 0.9–2 m. Alt 90–1400 m. N

eylesii S.Moore = **Melanthera albinervia** subsp. **albinervia**

mossambicensis (Oliv.) Wild
Wedelia diversipapposa S.Moore (1)
Wedelia mossambicensis Oliv. (1)
Perennial. Herb. Ht 0.1–1.5 m. Alt 16–3020 m. N, B, LIM, G, M, KZN

natalensis (Sond.) Wild
A. welwitschii O.Hoffm. (1)
Wedelia natalensis Sond. (1)
Perennial. Herb. Ht up to 0.6 m. Alt 3–610 m. KZN, EC

pluriseta Schweinf. subsp. **pluriseta**
A. brachyphylla S.Moore (1)
A. vulgaris N.E.Br. (1)
Perennial. Herb. Ht up to 1.5 m. Alt 310–1220 m. LIM

vulgaris N.E.Br. = **A. pluriseta** subsp. **pluriseta**

welwitschii O.Hoffm. = **A. natalensis**

ASTER L. 8900000

Compiled by P.P.J. Herman

(1) Linnaeus. 1761. *Plantae rariores africanae*: 22.
(2) Lessing. 1832. *Synopsis generum Compositarum*: 167.
(3) Harvey. 1865. *FC* 3: 69–84.
(4) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 379, 380.
(5) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 250.
(6) Lippert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 9: 109–134.
(7) Lippert. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 153–258.
(8) Hilliard & Burtt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 254.
(9) Hilliard. 1977. *Compositae in Natal*: 59–67.
(10) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 228, 229.

adfinis Less. = **Felicia dubia**

adfinis Less. var. *strictus* (DC.) Harv. = **Felicia amoena** subsp. **stricta**

aethiopicus Burm.f. = **Felicia aethiopica** subsp. **aethiopica**

aethiopicus Burm.f. var. *glandulosus* Harv. = **Felicia aethiopica** subsp. **aethiopica**

amoenus (Sch.Bip.) Harv. = **Felicia amoena** subsp. **amoena**

ananthocladus Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.3 m. Alt 1000–2500 m. KZN

angustifolius Jacq. = **Felicia hyssopifolia** subsp. **hyssopifolia**

annectens Harv. = **Felicia annectens**

asper J.M.Wood & M.S.Evans = **A. bakerianus**

bakerianus Burtt Davy ex C.A.Sm.
A. asper J.M.Wood & M.S.Evans (9)
A. bakerianus Burtt Davy ex C.A.Sm. subsp. *albiflorus* Lippert (9)
A. bakerianus Burtt Davy ex C.A.Sm. subsp. *angustifolius* Lippert (9)
A. bakerianus Burtt Davy ex C.A.Sm. subsp. *intermedius* Lippert (9)
A. bakerianus Burtt Davy ex C.A.Sm. subsp. *ovalis* Lippert (9)
A. bakerianus Burtt Davy ex C.A.Sm. subsp. *septentrionalis* Lippert (9)
A. grauii Lippert (9)
A. hispidus (Thunb.) Baker (6, 9)
Calendula hispida Thunb. (6, 9)
Diplopappus asper Less. (6, 9)
Diplopappus natalensis Sch.Bip. (9)
Felicia asper Burtt Davy (9)
Perennial. Herb. Ht 0.1–0.75 m. Alt 10–2285 m. G, M, S, FS, KZN, L, EC

bakerianus Burtt Davy ex C.A.Sm. subsp. *albiflorus* Lippert = **A. bakerianus**

bakerianus Burtt Davy ex C.A.Sm. subsp. *angustifolius* Lippert = **A. bakerianus**

bakerianus Burtt Davy ex C.A.Sm. subsp. *intermedius* Lippert = **A. bakerianus**

bakerianus Burtt Davy ex C.A.Sm. subsp. *ovalis* Lippert = **A. bakerianus**

bakerianus Burtt Davy ex C.A.Sm. subsp. *septentrionalis* Lippert = **A. bakerianus**

barbatus (DC.) Harv. = **Felicia ovata**

bergerianus (Spreng.) Harv. = **Felicia bergeriana**

bodkinii Compton = **Felicia filifolia** subsp. **bodkinii**

bowiei Harv.
Perennial. Herb. Ht up to 0.25 m. Alt 300–600 m. WC

brevipedunculatus Hutch. = **Felicia fruticosa** subsp. **brevipedunculata**

buchubergensis Dinter = **Felicia hirsuta**

burkei Harv. = **Felicia burkei**

caffrorum Less. = **Microglossa caffrorum**

candollei Harv. = **Felicia cymbalarioides**

capensis Less. var. *rotundifolius* (Thunb.) Harv. = **Felicia amelloides**

charieis Less. = **Felicia ovata**

comptonii Lippert
A. peglerae Bolus var. *longipes* Thell. (7)
Perennial. Herb. Ht 0.5–1.25 m. Alt 914–1980 m. LIM, M, S

confertifolius Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.15–0.25 m. Alt 2100–2250 m. KZN

confusus Harv. = **Felicia hirsuta**

crenatus (Thunb.) Less. = **Mairia crenata**

crinitus L. = **Athrixia crinita**

crinitus Thunb., not of L. = **Athrixia capensis**

cymbalariae Aiton = **Felicia cymbalariae** subsp. **cymbalariae**

cymbalariae Aiton var. *ionops* Harv. = **Felicia cymbalariae** subsp. **ionops**

demissus Harv. = **Felicia diffusa** subsp. **diffusa**

dentatus Thunb. = **Felicia australis**

discoideus Sond. = **Chrysocoma ciliata**

dregei (DC.) Harv. = **Felicia dregei**

dregei (DC.) Harv. var. *dentata* (DC.) Harv. = **Felicia brevifolia**

echinatus (Thunb.) Less. = **Felicia echinata**

echinatus (Thunb.) Less. var. *paralia* (DC.) Harv. = **Felicia echinata**

ecklonis Less. = **Felicia aethiopica** subsp. **ecklonis**

elongatus Thunb. = **Felicia elongata**

elongatus Thunb. var. *barbiger* (DC.) Harv. = **Felicia hispida**

elongatus Thunb. var. *candollei* Harv. = **Felicia namaquana**

elongatus Thunb. var. *crassifolius* Harv. = **Felicia ovata**

elongatus Thunb. var. *pappei* Harv. = **Felicia minima**

elongatus Thunb. var. *spathulaefolius* Harv. = **Felicia amoena** subsp. **amoena**

elongatus Thunb. var. *thunbergii* Harv. = **Felicia elongata**

elongatus Thunb. var. *thunbergii* Harv. in part = **Felicia hispida**

erigeroides (DC.) Harv. = **Felicia erigeroides**

erigeroides (DC.) Harv. var. *schultesii* Harv. = **Felicia erigeroides**

erigeroides (DC.) Harv. var. *trinervius* (Turcz.) Harv. = **Felicia erigeroides**

erucifolius (Thell.) Lippert
A. pinnatifidus (Hook.) Kuntze (9)
Felicia erucifolia Thell. (7, 9)
Felicia pinnatifida J.M.Wood & M.S.Evans (7, 9)
Perennial. Herb. Length 0.04–0.2 m. Alt 945–3355 m. FS, KZN, L, EC

ficoideus (DC.) Harv. = **Poecilolepis ficoidea**

filifolius Vent. = **Felicia filifolia** subsp. **filifolia**

fruticosus L. = **Felicia fruticosa** subsp. **fruticosa**

fruticulosus Willd. = **Felicia fruticosa** subsp. **fruticosa**

grauii Lippert = **A. bakerianus**

grossedentatus Dinter = **Felicia brevifolia**

harveyanus Kuntze
A. harveyanus Kuntze subsp. *corymbosus* Lippert (9)
A. harveyanus Kuntze subsp. *gracilis* Lippert (9)
A. harveyanus Kuntze subsp. *robustus* Lippert (9)
A. harveyanus Kuntze subsp. *xylophyllus* (Klatt) Lippert (9)
A. serrulatus Harv. var. *xylophyllus* Klatt (9)
A. xylophyllus Klatt (9)
Diplopappus serrulatus Harv. (7, 9)
Felicia serrulata (Harv.) Burtt Davy (9)
Perennial. Herb. Ht 0.1–1 m. Alt 60–2075 m. LIM, NW, G, M, S, KZN, EC

harveyanus Kuntze subsp. *corymbosus* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *gracilis* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *robustus* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *xylophyllus* (Klatt) Lippert = **A. harveyanus**

heterophyllus Thunb. = **Athrixia heterophylla** subsp. **heterophylla**

hirsutus (Vent.) Harv. = **Felicia cymbalariae** subsp. **cymbalariae**

hirtus (DC.) Harv. = **Felicia aculeata**

hirtus Thunb. = **Felicia hirta**

hispidus (Thunb.) Baker = **A. bakerianus**

hyssopifolius P.J.Bergius = **Felicia hyssopifolia** subsp. **hyssopifolia**

hyssopifolius P.J.Bergius var. *canescens* Harv. = **Chrysocoma rigidula**

hyssopifolius P.J.Bergius var. *canus* (DC.) Harv. = **Felicia cana**

hyssopifolius P.J.Bergius var. *hirtus* (Thunb.) Harv. = **Felicia hirta**

hyssopifolius P.J.Bergius var. *linifolius* Harv. = **Felicia zeyheri** subsp. **linifolia**

hyssopifolius P.J.Bergius var. *rigidulus* (DC.) Harv. = **Chrysocoma rigidula**

imbricatus (DC.) Harv. = **Polyarrhena imbricata**

imbricatus L. = **Polyarrhena reflexa** subsp. **reflexa**

kraussii (Sch.Bip.) Harv. = **Felicia aethiopica** subsp. **aethiopica**

laevigatus (Sond.) Kuntze
Diplopappus laevigatus Sond. (7)
Perennial. Herb. Ht 0.25–0.35 m. Alt? EC

lasiocarpus (DC.) Harv. = **Felicia lasiocarpa**

leiocarpus (DC.) Harv. = **Zyrphelis montana**

linifolius Harv. = **Felicia linifolia**

luteus (N.E.Br.) Hutch. = **Felicia mossamedensis**

lydenburgensis Lippert
Perennial. Herb. Ht 0.3–0.65 m. Alt 730–2135 m. M, FS, KZN

macrorrhizus Thunb. = **Felicia macrorrhiza**

mespilifolius Less. = **Microglossa mespilifolia**

microspermus (DC.) Harv. = **Felicia microsperma**

minimus Hutch. = **Felicia minima**

muricatus Thunb. = **Felicia muricata** subsp. **muricata**

muricatus Thunb. var. *chrysocomoides* Sond. = **Felicia muricata** subsp. **muricata**

muricatus Thunb. var. *fascicularis* (DC.) E.Mey. ex Harv. = **Felicia fascicularis**

namaquanus Harv. = **Felicia namaquana**

natalensis (Sch.Bip.) Harv. = **Felicia rosulata**

nubimontis Lippert
Annual, occ. perennial. Herb. Ht 0.25–0.3 m. Alt 1000–1120 m. LIM

obtusatus Thunb. = **Chrysocoma obtusata**

oppositifolius L. = **Felicia cymbalariae** subsp. **cymbalariae**

pappei Harv. = **Felicia amoena** subsp. **amoena**

papposus Willd. ex Spreng. = **Printzia polifolia**

peglerae Bolus
Perennial. Herb. Ht 0.4–1 m. Alt 1200–1951 m. NW, G, M

peglerae Bolus var. *longipes* Thell. = **A. comptonii**

perezioides Less. = **Zyrphelis perezioides**

perfoliatus Oliv.
Perennial. Herb. Ht 0.05–0.6 m. Alt 305–2440 m. FS, KZN, L, EC

petiolatus Harv. = **Felicia petiolata**

pinnatifidus (Hook.) Kuntze = **A. erucifolius**

pleiocephalus (Harv.) Hutch.
Diplopappus asper Less. var. *pleiocephalus* Harv. (7, 9)
Perennial. Herb. Ht 0.35–0.75 m. Alt 900–2500 m. FS, KZN

polifolius L. = **Printzia polifolia**

pseudobakeranus Lippert
Perennial. Herb. Ht 0.3–0.4 m. Alt 600–1220 m. S

quinquenervius Klatt = **Felicia quinquenervia**

reflexus L. = **Polyarrhena reflexa** subsp. **reflexa**

reflexus L. var. *brachyphyllus* Sond. ex Harv. = **Polyarrhena reflexa** subsp. **brachyphylla**

rotundifolius Thunb. = **Felicia amelloides**

rufibarbis Harv. = **Felicia burkei**

scabridus (DC.) E.Mey. ex Harv. & Sond. = **Felicia scabrida**

scabridus (DC.) E.Mey. ex Harv. & Sond. var. *brevifolius* (DC.) Harv. = **Felicia brevifolia**

schaeferi Dinter = **Felicia filifolia** subsp. **schaeferi**

schlechteri Compton = **Felicia filifolia** subsp. **schlechteri**

serratus Thunb. = **Felicia serrata**

serrulatus Harv. var. *densus* Harv. = **Felicia hyssopifolia** subsp. **polyphylla**

serrulatus Harv. var. *glaber* (DC.) Harv. = **Felicia hyssopifolia** subsp. **glabra**

serrulatus Harv. var. *polyphyllus* Harv. = **Felicia hyssopifolia** subsp. **polyphylla**

serrulatus Harv. var. *setosus* Harv. = **Felicia zeyheri** subsp. **zeyheri**

serrulatus Harv. var. *xylophyllus* Klatt = **A. harveyanus**

simulans Harv. = **Felicia hyssopifolia** subsp. **glabra**

***squamatus** (Spreng.) Hieron.
Conyza squamata Spreng. (9)
Annual. Herb. Ht 0.05–2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

strigosus (A.Spreng.) Harv. = **Felicia ovata**

strigosus Thunb. = **Amellus strigosus** subsp. **strigosus**

taxifolius L. = **Zyrphelis taxifolia**

tenellus L. = **Felicia tenella** subsp. **tenella**

tenellus L. var. *cotuloides* (DC.) Harv. = **Felicia tenella** subsp. **cotuloides**

tenellus L. var. *glaber* Harv. = **Felicia australis**

tenellus L. var. *longifolius* (DC.) Harv. = **Felicia tenella** subsp. **longifolia**

tenellus L. var. *pusillus* Harv. = **Felicia tenella** subsp. **pusilla**

tenellus L. var. *robustus* Harv. = **Felicia tenella** subsp. **tenella**

tener (DC.) Harv. = **Felicia tenera**

tricolor (Nees) Harv. = **Felicia elongata**

uliginosus J.M.Wood & M.S.Evans = **Felicia uliginosa**

venustus Fourc. = **Felicia linifolia**

villosus Thunb. in part = **Felicia hyssopifolia** subsp. **hyssopifolia**

villosus Thunb. in part = **Felicia muricata** subsp. **muricata**

westae Fourc. = **Felicia westae**

woodii Klatt = **Felicia quinquenervia**

worcesterensis Kuntze = **Polyarrhena imbricata**

xylophyllus Klatt = **A. harveyanus**

zeyheri Less. = **Felicia zeyheri** subsp. **zeyheri**

zuluensis Lippert
Annual, occ. perennial. Herb. Ht 0.15–0.2 m. Alt 300–305 m. KZN

ASTEROPTERUS L. 9052020

dinteri Rothm. = **Leysera gnaphalodes**

gnaphalodes (L.) Rothm. = **Leysera gnaphalodes**

gracilis Rothm. = **Leysera gnaphalodes**

incanus (Thunb.) Rothm. = **Leysera gnaphalodes**

tenellus (DC.) Rothm. = **Leysera tenella**

ATHANASIA L. 9326000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 187–199.
(2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 387.
(3) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 607.
(4) Hutchinson. 1917. *Annals of the South African Museum* 9: 387, 388.
(5) Phillips. 1917. *Annals of the South African Museum* 9: 345.
(6) Compton. 1944. *Journal of South African Botany* 10: 6–8.
(7) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1699.
(8) Hilliard. 1977. *Compositae in Natal*: 340.
(9) Källersjö. 1986. *Nordic Journal of Botany* 5: 530–533.
(10) Källersjö. 1991. *Opera Botanica* 106: 5–75.

acerosa (DC.) Harv. = **Phymaspermum acerosum**

adenantha (Harv.) Källersjö
A. oligocephala (DC.) Harv. var. *adenantha* Harv. (10)
Perennial. Shrub. Ht 1–2 m. Alt up to 500 m. WC

alba Källersjö
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

aspera Thunb. = **A. dentata**

bremeri Källersjö
Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1500 m. WC

calophylla Källersjö
Perennial. Shrub. Ht 0.6–1 m. Alt up to 1220 m. WC

calva Hutch. = **Inulanthera calva**

canescens Thunb. = **A. pubescens**

capitata (L.) L.
A. capitata (L.) L. var. *glabrata* Harv. (10)
A. lanuginosa Cav. (10)
A. punctata P.J.Bergius (10)
Holophyllum capitatum (L.) Less. (10)
Holophyllum capitatum (L.) Less. var. *glabratum* DC. (10)
Holophyllum lanuginosum (Cav.) DC. (10)
Holophyllum scabrum DC. (10)
Pristocarpha capitata E.Mey. ex DC. (10)
Santolina capitata L. (10)
Perennial. Shrub. Ht 0.4–1.2 m. Alt 0–500 m. WC

capitata (L.) L. var. *glabrata* Harv. = **A. capitata**

cinerea L.f. = **A. filiformis**

cochlearifolia Källersjö
Perennial. Shrub. Ht up to 1 m. Alt up to 100 m. WC

coronopifolia Harv. = **Inulanthera coronopifolia**

crenata (L.) L.
A. ebracteata E.Mey. ex DC. (10)
A. oligocephala (DC.) Harv. (10)
A. oligocephala (DC.) Harv. var. *hirsuta* (DC.) Harv. (10)
Eclopes centauroides (L.) DC. (10)
Relhania centauroides (L.) Harv. (10)
Santolina crenata L. (10)
Staehelina centauroides L. (10)
Perennial. Shrub. Ht 1.5–2 m. Alt 61–1000 m. WC

crithmifolia (L.) L. subsp. **crithmifolia**
Santolina crithmifolia L. (10)
Perennial. Shrub. Ht 0.75–2 m. Alt 5–1100 m. WC

crithmifolia (L.) L. subsp. **palmatifida** (DC.) Källersjö
A. hameri E.Phillips (10)
A. palmatifida DC. (10)
Perennial. Shrub. Ht 1–2 m. Alt 914–1220 m. WC

cuneifolia Lam.
A. obtusa Compton (10)
Perennial. Shrub. Ht up to 0.45 m. Alt up to 2000 m. WC

cuneiformis DC. = **A. trifurcata**

dentata (L.) L.
A. aspera Thunb. (10)
A. dentata L. var. *pachyphylla* (Sch.Bip.) Harv. (10)
A. dentata L. var. *subintegrifolia* Harv. (10)
A. laevigata (L.) L. (10)
A. recurvifolia Salisb. (10)
Morysia aspera (Thunb.) Less. (10)
Morysia dentata (L.) DC. (10)
Morysia dentata (L.) DC. var. *kraussii* Sch.Bip. (10)
Morysia diversifolia Cass. (10)
Morysia pachyphylla Sch.Bip. (10)
Santolina dentata L. (10)
Santolina laevigata L. (10)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 15–1450 m. WC, EC

dentata L. var. *pachyphylla* (Sch.Bip.) Harv. = **A. dentata**

dentata L. var. *subintegrifolia* Harv. = **A. dentata**

dimorpha DC. = **A. quinquedentata** subsp. **quinquedentata**

dimorpha DC. var. *minor* Harv. = **A. quinquedentata** subsp. **quinquedentata**

dimorpha DC. var. *obovata* Harv. = **A. quinquedentata** subsp. **quinquedentata**

dregeana (DC.) Harv. = **Inulanthera dregeana**

ebracteata E.Mey. ex DC. = **A. crenata**

ebracteata E.Mey. ex DC. var. *araneosa* DC. = **A. flexuosa**

elsiae Källersjö
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1500–2000 m. WC

eriopoda DC. = **A. pachycephala** subsp. **eriopoda**

eriopoda DC. var. *depauperata* DC. = **A. pachycephala** subsp. **pachycephala**

fasciculata (Less.) D.Dietr. = **A. vestita**

filiformis L.f.
A. cinerea L.f. (10)
A. filiformis L.f. var. *cinerea* (L.f.) Harv. (10)
Perennial. Shrub. Ht 0.2–0.8 m. Alt 0–1500 m. WC, EC

filiformis L.f. var. *cinerea* (L.f.) Harv. = **A. filiformis**

flexuosa E.Mey. ex DC. = **A. microcephala**

flexuosa Thunb.
A. ebracteata E.Mey. ex DC. var. *araneosa* DC. (10)
A. flexuosa Thunb. var. *tomentella* Hutch. (10)
A. glabrescens DC. (10)
A. oligocephala (DC.) Harv. var. *araneosa* (DC.) Harv. (10)
A. oligocephala (DC.) Harv. var. *brachypoda* (DC.) Harv. (10)
A. tomentella Hutch. (10)
Perennial. Shrub. Ht 1–2 m. Alt 500–1500 m. NC, WC

flexuosa Thunb. var. *tomentella* Hutch. = **A. flexuosa**

genistifolia L. = **Oedera genistifolia**

glabra Thunb. = **A. trifurcata**

glabrescens DC. = **A. flexuosa**

grandiceps Hilliard & B.L.Burtt
Perennial. Shrub. Ht 0.5–1.5 m. Alt 1500–2000 m. KZN

hameri E.Phillips = **A. crithmifolia** subsp. **palmatifida**

hirsuta Thunb.
Perennial. Shrub. Ht up to 1 m. Alt 1000–1500 m. WC

humilis Källersjö
Perennial. Shrub. Ht up to 0.5 m. Alt 1000–1500 m. WC

imbricata Harv.
Perennial. Shrub. Ht? Alt 500–1000 m. WC

incisa (DC.) Harv. = **Hymenolepis incisa**

indivisa Harv. = **Hymenolepis indivisa**

inopinata (Hutch.) Källersjö
Stilpnophyton inopinatum Hutch. (10)
Perennial. Shrub. Ht up to 1 m. Alt up to 500 m. WC

juncea (DC.) D.Dietr.
Morysia juncea DC. (10)
Perennial. Shrub. Ht 0.35–1.5 m. Alt 30–1500 m. WC

laevigata (L.) L. = **A. dentata**

lanuginosa Cav. = **A. capitata**

leptocephala Källersjö
Perennial. Shrub. Ht up to 0.4 m. Alt 0–500 m. WC

leucoclada (DC.) Harv. = **Inulanthera leucoclada**

linifolia Burm.
A. linifolia L.f. (10)
A. longifolia Lam. (10)
Morysia longifolia (Lam.) Less. (10)
Stilpnophyton linifolium (L.f.) Less. (10)
Stilpnophyton linifolium (L.f.) Less. var. *longifolium* (Thunb.) Harv. (10)
Stilpnophyton longifolium (Thunb.) Less. (10)
Tanacetum linifolium (L.f.) Thunb. (10)
Tanacetum longifolium Thunb. (10)
Perennial. Shrub. Ht 0.9–1.5 m. Alt 90–1370 m. WC

linifolia Harv., illegitimate name = **A. microcephala**

linifolia L.f. = **A. linifolia**

longifolia Lam. = **A. linifolia**

microcephala (DC.) D.Dietr.
A. flexuosa E.Mey. ex DC. (10)
A. linifolia Harv., illegitimate name (10)
A. pauciflora (DC.) D.Dietr. (10)
Morysia microcephala DC. (10)
Morysia pauciflora DC. (10)
Perennial. Shrub. Ht 0.75–1.5 m. Alt 250–1676 m. NC, WC, EC

microphylla DC.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1000–1500 m. WC

minuta (L.f.) Källersjö subsp. **inermis** (E.Phillips) Källersjö
Asaemia inermis E.Phillips (10)
Asaemia minuta (L.f.) K.Bremer subsp. *inermis* (E.Phillips) K.Bremer (10)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1000 m. WC

minuta (L.f.) Källersjö subsp. **minuta**
Asaemia axillaris (Thunb.) Harv. ex Hoffm. (10)
Asaemia minuta (L.f.) K.Bremer subsp. *minuta* (10)
Nestlera minuta (L.f.) DC. (10)
Pteronia geigerioides Muschl. ex Dinter (10)
Pteronia minuta L.f. (10)
Stilpnophyton axillare (Thunb.) Less. (10)
Tanacetum axillare Thunb. (10)
Perennial. Shrub or dwarf shrub. Ht 0.15–0.45 m. Alt 350–1500 m. N, NC, WC, EC

montana J.M.Wood = **Inulanthera montana**

mundtii Harv. = **A. quinquedentata** subsp. **quinquedentata**

natalensis Schltr. = **Phymaspermum acerosum**

obtusa Compton = **A. cuneifolia**

oligocephala (DC.) Harv. = **A. crenata**

oligocephala (DC.) Harv. var. *adenantha* Harv. = **A. adenantha**

oligocephala (DC.) Harv. var. *araneosa* (DC.) Harv. = **A. flexuosa**

oligocephala (DC.) Harv. var. *brachypoda* (DC.) Harv. = **A. flexuosa**

oligocephala (DC.) Harv. var. *hirsuta* (DC.) Harv. = **A. crenata**

oocephala (DC.) Källersjö
Stilpnophyton oocephalum DC. (10)
Perennial. Shrub. Ht up to 1 m. Alt 152–610 m. WC

pachycephala DC. subsp. **eriopoda** (DC.) Källersjö
A. eriopoda DC. (10)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1000–1500 m. WC

pachycephala DC. subsp. **pachycephala**
A. eriopoda DC. var. *depauperata* DC. (10)
Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 550–1500 m. WC

palmatifida DC. = **A. crithmifolia** subsp. **palmatifida**

parviflora L. = **Hymenolepis parviflora**

pauciflora (DC.) D.Dietr. = **A. microcephala**

pectinata L.f.
Morysia lineariloba DC. (10)
Perennial. Shrub. Ht up to 1.2 m. Alt up to 500 m. WC

pinnata L.f.
Perennial. Shrub. Ht 0.7–1.5 m. Alt 550–1065 m. EC

pinnatifida (Oliv.) Hilliard = **Phymaspermum pinnatifidum**

pubescens (L.) L.
A. canescens Thunb. (10)
Santolina pubescens L. (10)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 15–970 m. WC

pumila L.f. = **Rhynchopsidium pumilum**

punctata P.J.Bergius = **A. capitata**

punctata (DC.) Harv. = **Inulanthera dregeana**

quinquedentata Thunb. subsp. **quinquedentata**
A. dimorpha DC. (10)
A. dimorpha DC. var. *minor* Harv. (10)
A. dimorpha DC. var. *obovata* Harv. (10)

A. mundtii Harv. (10)
A. rotundifolia DC. (10)
Perennial. Shrub. Ht up to 0.6 m. Alt 15–1000 m. WC, EC

quinquedentata Thunb. subsp. **rigens** Källersjö
Perennial. Shrub. Ht up to 0.6 m. Alt 0–500 m. WC

recurvifolia Salisb. = **A. dentata**

rotundifolia DC. = **A. quinquedentata** subsp. **quinquedentata**

rugulosa E.Mey. ex DC.
Perennial. Shrub. Ht up to 0.6 m. Alt up to 100 m. WC

scabra Thunb.
Perennial. Shrub. Ht up to 0.6 m. Alt 500–1000 m. WC

scariosa DC. = **A. trifurcata**

schizolepis Harv. = **Hymenolepis dentata**

sertulifera DC.
Perennial. Shrub. Ht up to 1 m. Alt 0–500 m. WC

sessiliflora L.f. = **Rhynchopsidium sessiliflorum**

spathulata (DC.) D.Dietr.
Morysia spathulata DC. (10)
Perennial. Shrub. Ht up to 0.5 m. Alt 670–840 m. NC

speciosa Hutch. = **Hymenolepis speciosa**

thodei Bolus = **Inulanthera thodei**

tomentella Hutch. = **A. flexuosa**

tomentosa Thunb.
A. velutina (DC.) D.Dietr. (10)
Morysia velutina DC. (10)
Perennial. Shrub. Ht 1–2.5 m. Alt 305–1370 m. WC, EC

tricuspis Poir. = **A. trifurcata**

tridens Oliv. = **Inulanthera tridens**

tridentata Salisb. = **A. trifurcata**

trifurcata (L.) L.
A. cuneiformis DC. (10)
A. glabra Thunb. (10)
A. scariosa DC. (10)
A. tricuspis Poir. (10)
A. tridentata Salisb. (10)
A. trifurcata (L.) L. var. *cuneiformis* (DC.) Harv. (10)
A. trifurcata (L.) L. var. *glabra* (Thunb.) Harv. (10)
A. trifurcata (L.) L. var. *thunbergii* Harv. (10)
A. trifurcata (L.) L. var. *tricuspis* (Poir.) DC. (10)
A. virgata Jacq. var. *glabra* (Thunb.) DC. (10)
Santolina trifurcata L. (10)
Perennial. Shrub. Ht 1–2 m. Alt 30–1366 m. WC, EC

trifurcata (L.) L. var. *cuneiformis* (DC.) Harv. = **A. trifurcata**

trifurcata (L.) L. var. *glabra* (Thunb.) Harv. = **A. trifurcata**

trifurcata (L.) L. var. *thunbergii* Harv. = **A. trifurcata**

trifurcata (L.) L. var. *tricuspis* (Poir.) DC. = **A. trifurcata**

trifurcata (L.) L. var. *virgata* (Jacq.) Harv. = **A. virgata**

triloba Klatt = **Anisopappus pinnatifidus**

turbinata Burtt Davy = **Gymnopentzia bifurcata**

uniflora L.f. = **Oedera uniflora**

velutina (DC.) D.Dietr. = **A. tomentosa**

vestita (Thunb.) Druce
A. fasciculata (Less.) D.Dietr. (10)
Morysia fasciculata Less. (10)
Tanacetum vestitum Thunb. (10)
Perennial. Shrub. Ht up to 1 m. Alt 185–1405 m. WC

villosa Hilliard = **Phymaspermum villosum**

virgata Jacq.
A. trifurcata (L.) L. var. *virgata* (Jacq.) Harv. (10)
Perennial. Shrub. Ht up to 1 m. Alt 900–1500 m. WC, EC

virgata Jacq. var. *glabra* (Thunb.) DC. = **A. trifurcata**

viridis Källersjö
Perennial. Shrub. Ht up to 1.5 m. Alt 1000–1300 m. WC

woodii (Thell.) Hilliard = **Phymaspermum woodii**

ATHRIXIA Ker Gawl. 9055000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum.*
(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 195.
(3) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 46–101, 146–196.
(4) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230, 231.
(5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 252.

angustissima DC.
Perennial. Herb. Ht 0.06–0.3 m. Alt 30–2990 m. FS, KZN, L, NC, EC

arachnoidea J.M.Wood & M.S.Evans ex J.M.Wood
Perennial. Dwarf shrub. Ht 0.3–0.35 m. Alt 505–2200 m. M, KZN

asteroides Bolus & Schltr. = **Lepidostephium asteroides**

capensis Ker Gawl.
Aster crinitus Thunb., not of L. (3)
Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 100–670 m. WC, EC

capensis Ker Gawl. var. *latifolia* DC. = **A. crinita**

crinita (L.) Druce
Aster crinitus L. (3)
A. capensis Ker Gawl. var. *latifolia* DC. (3)
A. glandulosa Kunth (3)
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 500–800 m. WC

drakensbergensis Thell. = **A. fontana**

elata Sond.
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 400–2700 m. LIM, NW, G, M, S, FS, L

felicioides Hiern = **Nicolasia felicioides**

fontana MacOwan
A. drakensbergensis Thell. (3)
Perennial. Herb. Ht 0.06–0.52 m. Alt 730–3000 m. M, FS, KZN, L, EC

gerrardii Harv.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 150–2010 m. M, KZN, EC

glandulosa Kunth = **A. crinita**

heterophylla (Thunb.) Less. subsp. **heterophylla**
Aster heterophyllus Thunb. (3)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 90–1500 m. WC

heterophylla (Thunb.) Less. subsp. **sessilifolia** (DC.) Kroner
A. sessilifolia DC. (3)

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 90–2250 m. WC, EC

phylicoides DC.
Perennial. Shrub. Ht 0.3–2 m. Alt 15–2000 m. LIM, G, M, S, FS, KZN, EC

pinifolia N.E.Br. = **Macowania pinifolia**

sessilifolia DC. = **A. heterophylla** subsp. **sessilifolia**

tomentosa (Thunb.) Less. = **Amphiglossa tomentosa**

ATRACTYLIS L. 9450000

angustifolia Houtt. = **Berkheya angustifolia**

fruticosa L. = **Berkheya fruticosa**

ATRICHANTHA Hilliard & B.L.Burtt 9045010

Compiled by M. Koekemoer

(1) Hilliard & Burtt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.

elsiae Hilliard = **Hydroidea elsiae**

gemmifera (Bolus) Hilliard & B.L.Burtt
Helichrysum gemmiferum Bolus (1)
Perennial. Dwarf shrub, shrub. Ht 0.3–1 m. Alt 1000–1900 m. WC

*BACCHARIS L. 8933000

Compiled by P.P.J. Herman

(1) Burkart. 1974. *Flora Ilustrada de Entre Rios (Argentina)* 6: 249–251, 280, 281.

ilicifolia Lam. = **Brachylaena ilicifolia**

ivaefolia L. = **Conyza scabrida**

neriifolia L. = **Brachylaena neriifolia**

ovalis Pers. = **Pluchea ovalis**

pingraea DC.
Conyza montevidensis Spreng. (1)
Perennial. Herb. Ht up to 1 m. Alt 660–671 m. KZN

ulmifolia Burm.f. = **Conyza ulmifolia**

BACCHAROIDES Moench 8751040

Compiled by N. Netnou

(1) Robinson. 1990. *Proceedings of the Biological Society of Washington* 103: 248–253.
(2) Isawumi. 1993. *Feddes Repertorium* 104: 309–326.
(3) Isawumi *et al.* 1996. *Grana* 35: 205–230.

adoensis (Sch.Bip. ex Walp.) H.Rob. var. **kotschyana** (Sch.Bip. ex Walp.) Isawumi, El-Ghazaly & B.Nord.
Vernonia adoensis Sch.Bip. ex Walp. var. *kotschyana* (Sch.Bip. ex Walp.) G.V.Pope (3)
Vernonia leptolepis Baker (3)
Vernonia woodii O.Hoffm. (3)
Perennial. Herb. Ht 0.3–3 m. Alt 550–1420 m. LIM, M, S, KZN

adoensis (Sch.Bip. ex Walp.) H.Rob. var. **mossambiquensis** (Steetz) Isawumi, El-Ghazaly & B.Nord.
Vernonia adoensis Sch.Bip. ex Walp. var. *mossambiquensis* (Steetz) G.V.Pope (3)
Vernonia fulviseta S.Moore (3)
Vernonia mossambiquensis (Steetz) Oliv. & Hiern (3)
Vernonia shirensis Oliv. & Hiern (3)
Vernonia whyteana Britten (3)
Perennial. Herb. Ht up to 3 m. Alt? 'TV'

anthelmintica (L.) Moench
Vernonia anthelmintica (L.) Willd. (3)
Vernonia stenolepis Oliv. (3)
Annual. Herb. Ht up to 2 m. Alt? N, B

BASTERIA Houtt. 9438030

aculeata Houtt. = **Cullumia aculeata** var. **aculeata**

BELLIDIASTRUM Less. 9099010

osmitoides Less. = **Osmitopsis osmitoides**

BERKHEYA Ehrh. 9438000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 104–332.
(2) Merxmüller. 1967. *FSWA* 139: 30–33.
(3) Hilliard. 1977. *Compositae in Natal*: 547–574.
(4) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 229, 230.
(5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 183–185.
(6) Pope. 1992. *FZ* 6,1: 237–246.
(7) Retief & Herman. 1997. *Strelitzia* 6: 293–295.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 309, 310.

acanthopoda (DC.) Roessler
Stobaea acanthopoda DC. (1)
Perennial. Herb. Ht 0.3–2 m. Alt 100–1310 m. KZN, EC

adlami Hook.f. = **B. radula**

alba E.Phillips = **B. cirsiifolia**

amplexicaulis O.Hoffm. = **B. erysithales**

angusta Schltr.
Perennial. Shrub. Ht 0.6–1.2 m. Alt ± 500 m. WC

angustifolia (Houtt.) Merr.
Atractylis angustifolia Houtt. (1)
B. lanceolata (Thunb.) Willd. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 305–1219 m. S, WC, EC

annectens Harv.
Crocodilodes annectens (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 700–1065 m. N, NC, WC

arctiifolia O.Hoffm. = **B. montana**

armata (Vahl) Druce
B. carthamoides (Thunb.) Willd. (1)
Rohria armata Vahl (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 45–1220 m. LIM, M, WC

asteroides (L.f.) Druce = **B. fruticosa**

barbata (L.f.) Hutch.
B. grandiflora (Thunb.) Willd. (1)
B. ilicifolia (Vahl) Druce (1)
Gorteria barbata L.f. (1)
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 155–610 m. WC

bergiana Söderb.
Perennial. Herb. Ht ± 1.5 m. Alt 30–1615 m. KZN, EC

bilabiata N.E.Br. = **B. montana**

bipinnatifida (Harv.) Roessler subsp. **bipinnatifida**
Stobaea bipinnatifida Harv. (1)
Stobaea seminivea DC. (1)
Perennial. Herb. Ht 0.5–2 m. Alt 10–1370 m. LIM, KZN, EC

bipinnatifida (Harv.) Roessler subsp. **echinopsoides** (Baker) Roessler
B. echinopsoides Baker (1)

Perennial. Herb. Ht 0.5–3 m. Alt 300–1525 m. LIM, M, S, KZN

bisulca (Thunb.) Willd. = **Cullumia bisulca**

buphthalmoides (DC.) Schltr.
Stobaea buphthalmoides DC. (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 516–2165 m. L, EC

caffra MacOwan
Perennial. Herb. Ht ± 0.5 m. Alt ± 765 m. KZN

canescens DC.
B. corymbosa DC. (1)
B. halenbergensis Dinter ex Range (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 530–1035 m. N, NC

cardopatifolia (DC.) Roessler
B. lignosa Compton (3)
B. pinnata (Thunb.) Less. var. *minor* Harv. (3)
Stobaea cardopatifolia DC. (3)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 915–1463 m. NC, EC

carduiformis DC. = **B. carduoides**

carduoides (Less.) Hutch.
B. carduiformis DC. (1)
Stephanocoma carduoides Less. (1)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–1463 m. WC, EC

carlinifolia (DC.) Roessler subsp. **carlinifolia**
B. excelsa Hutch. (1)
Stobaea carlinaefolia DC. (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 520–1525 m. WC, EC

carlinifolia (DC.) Roessler subsp. **promontorii** Roessler
Stobaea pinnatifida of author, not of Thunb., concept invalid (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 100–260 m. WC

carlinoides (Vahl) Willd.
B. ecklonis Harv. (1)
B. pungens (Thunb.) Willd. (1)
Rohria carlinoides Vahl (1)
Perennial. Herb. Ht 0.2–0.45 m. Alt 170–730 m. WC, EC

carlinopsis Welw. ex O.Hoffm. subsp. **magalismontana** (Bolus) Roessler
B. magalismontana Bolus (1)
Perennial. Shrub. Ht 0.45–1.52 m. Alt 850–1830 m. LIM, NW, G

carthamoides (Thunb.) Willd. = **B. armata**

chamaepeuce (S.Moore) Roessler
Crocodilodes chamaepeuce S.Moore (1)
Perennial. Shrub. Ht 1–2.5 m. Alt 700–1405 m. N, NC

ciliaris (L.) Willd. = **Cullumia ciliaris** subsp. **ciliaris**

cirsiifolia (DC.) Roessler
B. alba E.Phillips (1)
Stobaea cirsiifolia DC. (1)
Perennial. Herb. Ht 0.3–1.5 m. Alt 2000–3200 m. FS, KZN, L, EC

coddii Roessler
Perennial. Herb. Ht ± 1.5 m. Alt 820–1377 m. M, S

coriacea Harv.
Crocodilodes coriaceum (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 15–700 m. WC

corymbosa DC. = **B. canescens**

cousinioides S.Moore = **B. mackenii**

cruciata (Houtt.) Willd. subsp. **cruciata**
Gorteria cruciata Houtt. (1)
Stobaea cruciata (Houtt.) Harv. (1)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 825–1495 m. WC, EC

cruciata (Houtt.) Willd. subsp. **subintegra** Roessler
Perennial. Shrub. Ht 0.3–1.2 m. Alt 350–1065 m. WC, EC

cuneata (Thunb.) Willd.
Rohria cuneata Thunb. (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 215–580 m. WC

cynaroides (Vahl) Willd. = **B. herbacea**

debilis MacOwan
Perennial. Herb, graminoid. Ht 0.6–2 m. Alt 600–1830 m. KZN, EC

debilis of authors, concept invalid = **B. erysithales**

decurrens (Thunb.) Willd.
B. echinopoda (DC.) Schönland (1)
B. glabriuscula (DC.) Schönland (1)
B. membranifolia (DC.) F.T.Hubb. (1)
B. petiolata (DC.) Schönland (1)
B. polyacantha (DC.) Schönland (1)
Rohria decurrens Thunb. (1)
Stobaea echinopoda DC. (1)
Stobaea glabriuscula DC. (1)
Stobaea helianthiflora DC. (1)
Stobaea membranifolia DC. (1)
Stobaea petiolata DC. (1)
Stobaea polyacantha DC. (1)
Stobaea scolymoides DC. (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 15–1675 m. EC

densifolia Bohnen ex Roessler
Perennial. Herb. Ht 0.3–0.35 m. Alt ± 1800 m. LIM, M

discolor (DC.) O.Hoffm. & Muschl.
B. kuntzei O.Hoffm. (1)
B. microcephala (DC.) R.A.Dyer (1)
B. polyacantha S.Moore (1)
B. spinulosa N.E.Br. (1)
Stobaea acarnoides DC. (1)
Stobaea discolor DC. (1)
Stobaea microcephala DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 460–2045 m. NW, FS, KZN, L, EC

draco Roessler
Perennial. Shrub. Ht ± 1 m. Alt ± 2135 m. KZN

dregei Harv.
Crocodilodes dregei (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt ± 1077 m. WC

echinacea (Harv.) O.Hoffm. ex Burtt Davy subsp. **echinacea**
Stobaea echinacea Harv. (1)
Stobaea gerrardii Harv. (1)
Perennial. Herb. Ht 0.2–1 m. Alt 460–2440 m. LIM, M, S, FS, KZN

echinopoda (DC.) Schönland = **B. decurrens**

echinopsoides Baker = **B. bipinnatifida** subsp. **echinopsoides**

ecklonis Harv. = **B. carlinoides**

eriobasis (DC.) Roessler
Stobaea eriobasis DC. (1)
Perennial. Herb. Ht 0.3–0.4 m. Alt 945–1005 m. NC

eryngiifolia Less. = **Heterorhachis aculeata**

erysithales (DC.) Roessler
B. amplexicaulis O.Hoffm. (1)
B. debilis of authors, concept invalid (7)
B. sonchifolia (Harv.) MacOwan (1)
Stobaea erysithales DC. (1)
Stobaea sonchifolia Harv. (1)
Perennial. Herb. Ht 0.3–2 m. Alt 5–1220 m. S, KZN, EC

evansii Schltr. = **B. rhapontica** subsp. **aristosa** var. **exalata**

excelsa Hutch. = **B. carlinifolia** subsp. **carlinifolia**

ferox O.Hoffm. var. **ferox**
B. palmata Dinter, not of Willd., concept invalid (5)
Perennial. Shrub. Ht ± 1 m. Alt 900–1720 m. N, B

ferox O.Hoffm. var. **glandulosa** Roessler
Perennial. Shrub. Ht 0.5–1.2 m. Alt ± 1700 m. N

ferox O.Hoffm. var. **pseudodidelta** Roessler
Perennial. Shrub. Ht ± 1.2 m. Alt ± 1100 m. NC

ferox O.Hoffm. var. **tomentosa** Roessler
Perennial. Shrub. Ht 0.8–1 m. Alt 900–1190 m. NC

francisci Bolus
Perennial. Herb. Ht 0.5–1 m. Alt ± 1800 m. WC

fruticosa (L.) Ehrh.
Atractylis fruticosa L. (1)
B. asteroides (L.f.) Druce (1)
B. incana (Thunb.) Willd. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 75–1000 m. NC, EC

gazanioides Harv. = **Hirpicium gazanioides**

glabrata (Thunb.) Fourc.
Stobaea glabrata Thunb. (1)
Perennial. Herb. Ht 0.5–1.3 m. Alt 819–1585 m. NC, WC, EC

glabriuscula (DC.) Schönland = **B. decurrens**

gorterioides Oliv. & Hiern = **Hirpicium gorterioides** subsp. **gorterioides**

grandiflora (Thunb.) Willd. = **B. barbata**

grandiflora Willd. var. *alternifolia* E.Phillips = **B. rosulata**

griquana Hilliard & B.L.Burtt
Perennial. Herb. Ht ± 1 m. Alt ± 2200 m. KZN

halenbergensis Dinter ex Range = **B. canescens**

herbacea (L.f.) Druce
B. cynaroides (Vahl) Willd. (1)
B. scolymoides DC. (1)
Gorteria herbacea L.f. (1)
Perennial. Herb. Ht 0.2–0.5 m. Alt 60–1065 m. EC

heterophylla (Thunb.) O.Hoffm. var. **heterophylla**
Stobaea biloba DC. (1)
Stobaea heterophylla Thunb. (1)
Perennial. Herb. Ht 0.1–0.6 m. Alt 15–975 m. WC, EC

heterophylla (Thunb.) O.Hoffm. var. **radiata** (DC.) Roessler
Stobaea heterophylla Thunb. var. *radiata* DC. (1)
Perennial. Herb. Ht 0.1–0.6 m. Alt 60–460 m. WC, EC

hispida (L.f.) Willd. = **Cullumia aculeata** var. **aculeata**

horrida Muschl. = **B. spinosissima** subsp. **spinosissima**

ilicifolia (Vahl) Druce = **B. barbata**

incana (Thunb.) Willd. = **B. fruticosa**

ingrata Bolus = **B. pinnatifida** subsp. **ingrata**

insignis (Harv.) Thell.
B. subulata J.M.Wood, not of Harv., concept invalid (1)
Stobaea insignis Harv. (1)
Perennial. Herb. Ht 0.25–0.5 m. Alt 155–2100 m. LIM, G, M, S, KZN, EC

kuntzei O.Hoffm. = **B. discolor**

lanceolata (Thunb.) Willd. = **B. angustifolia**

latifolia J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.3–0.6 m. Alt 730–1750 m. LIM, M, S, FS, KZN

leucaugeta Hilliard
Perennial. Herb. Ht 1–1.5 m. Alt ± 2040 m. KZN

lignosa Compton = **B. cardopatifolia**

mackenii (Harv.) Roessler
B. cousinioides S.Moore (1)
Stobaea mackenii Harv. (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 1173–1600 m. M, KZN

macrocephala J.M.Wood
Perennial. Herb. Ht 0.2–0.5 m. Alt 1700–3200 m. KZN, L, EC

magalismontana Bolus = **B. carlinopsis** subsp. **magalismontana**

maritima J.M.Wood & M.S.Evans
Perennial. Herb. Ht ± 2 m. Alt 45–1564 m. KZN, EC

membranifolia (DC.) F.T.Hubb. = **B. decurrens**

microcephala (DC.) R.A.Dyer = **B. discolor**

milleriana Bolus
Perennial. Herb. Ht ± 0.8 m. Alt ± 1525 m. S

montana J.M.Wood & M.S.Evans
B. arctiifolia O.Hoffm. (1)
B. bilabiata N.E.Br. (1)
Perennial. Herb. Ht 1–2 m. Alt 395–2250 m. S, FS, KZN, L

multijuga (DC.) Roessler
Stobaea grandifolia DC. (1)
Stobaea multijuga DC. (1)
Perennial. Herb. Ht 0.4–0.6 m. Alt 730–2895 m. FS, KZN, L, EC

nivea N.E.Br.
Perennial. Herb. Ht 0.4–0.8 m. Alt ± 1200 m. M

obovata (Thunb.) Willd. = **B. spinosa**

onobromoides (DC.) O.Hoffm. & Muschl. var. **carlinoides** (Thunb.) Roessler
Stobaea atractyloides (L.) Thunb. var. *carlinoides* (Thunb.) DC. (1)
Perennial. Herb. Ht 0.5–1 m. Alt 220–1300 m. WC

onobromoides (DC.) O.Hoffm. & Muschl. var. **onobromoides**
Stobaea onobromoides DC. (1)
Perennial. Herb. Ht 0.5–1 m. Alt 1000–1138 m. NC

onopordifolia (DC.) O.Hoffm. ex Burtt Davy var. **glabra** Bohnen ex Roessler
Perennial. Herb. Ht 0.5–1 m. Alt 45–1435 m. S, KZN, EC

onopordifolia (DC.) O.Hoffm. ex Burtt Davy var. **onopordifolia**
Stobaea onopordifolia DC. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 303–2135 m. NW, G, M, S, FS, KZN, L, EC

oppositifolia (DC.) Hutch. = **B. spinosissima** subsp. **namaensis** var. **namaensis**

oppositifolia Range = **B. spinosissima** subsp. **spinosissima**

palmata Dinter, not of Willd., concept invalid = **B. ferox** var. **ferox**

palmata (Thunb.) Willd. = **Heterorhachis aculeata**

pannosa Hilliard
Perennial. Herb. Ht ± 0.2 m. Alt 1525–2164 m. KZN, EC

patula (Thunb.) Willd. = **Cullumia patula** subsp. **patula**

pauciflora Roessler
Perennial. Shrub. Ht 0.4–1 m. Alt ± 1260 m. LIM, M

pectinata (Thunb.) Willd. = **Cullumia pectinata**

petiolata (DC.) Schönland = **B. decurrens**

pinnata (Thunb.) Less. = **Heterorhachis aculeata**

pinnata (Thunb.) Less. var. *minor* Harv. = **B. cardopatifolia**

pinnatifida (Thunb.) Thell. subsp. **ingrata** (Bolus) Roessler
B. ingrata Bolus (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 1600–2000 m. NW, G, M, FS

pinnatifida (Thunb.) Thell. subsp. **pinnatifida**
Stobaea epitrachys DC. (1)
Stobaea pinnatifida Thunb. (1)
Perennial. Herb. Ht 0.2–0.5 m. Alt 100–1600 m. NW, FS, NC, WC, EC

pinnatifida (Thunb.) Thell. subsp. **stobaeoides** (Harv.) Roessler
B. stobaeoides Harv. (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 915–1705 m. NW, FS, L, WC

platyptera (Harv.) O.Hoffm. = **B. rhapontica** subsp. **platyptera**

polyacantha (DC.) Schönland = **B. decurrens**

polyacantha S.Moore = **B. discolor**

pungens (Thunb.) Willd. = **B. carlinoides**

purpurea (DC.) Mast.
Stobaea purpurea DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 1900–2743 m. FS, KZN, L, NC, EC

radula (Harv.) De Wild.
B. adlami Hook.f. (1)
Stobaea radula Harv. (1)
Perennial. Herb. Ht 0.25–0.9 m. Alt 370–1830 m. B, LIM, NW, G, M, S, FS, EC

radyeri Roessler
Perennial. Herb. Ht ± 0.4 m. Alt ± 2051 m. LIM

rehmannii Thell. = **B. zeyheri** subsp. **rehmannii** var. **rehmannii**

rehmannii Thell. var. *rogersiana* Thell. = **B. zeyheri** subsp. **rehmannii** var. **rogersiana**

rhapontica (DC.) Hutch. & Burtt Davy subsp. **aristosa** (DC.) Roessler var. **aristosa**
Stobaea aristosa DC. (1)
Perennial. Herb. Ht 0.3–0.7 m. Alt 450–2600 m. FS, KZN, L, EC

rhapontica (DC.) Hutch. & Burtt Davy subsp. **aristosa** (DC.) Roessler var. **exalata** Roessler
B. evansii Schltr. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 550–2400 m. FS, KZN, L, EC

rhapontica (DC.) Hutch. & Burtt Davy subsp. **platyptera** (Harv.) Roessler
B. platyptera (Harv.) O.Hoffm. (1)
Stobaea platyptera Harv. (1)
Perennial. Herb. Ht 1–1.2 m. Alt 730–1830 m. S, KZN, EC

rhapontica (DC.) Hutch. & Burtt Davy subsp. **rhapontica**
Stobaea rhapontica DC. (1)
Perennial. Herb. Ht 0.45–1.2 m. Alt 5–2420 m. G, M, S, FS, KZN, L, EC

rigida (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter
Stobaea rigida Thunb. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 1–1675 m. FS, KZN, WC

robusta Bohnen ex Roessler
Perennial. Herb. Ht 1–2 m. Alt 5–1936 m. LIM, M, S, KZN, EC

rosulata Roessler
B. grandiflora Willd. var. *alternifolia* E.Phillips (1)
Perennial. Shrub. Ht 0.2–0.25 m. Alt 2000–2800 m. FS, KZN, L

schenckii O.Hoffm. = **B. spinosissima** subsp. **spinosissima**

schinzii O.Hoffm.
Perennial. Shrub. Ht 0.5–1 m. Alt 70–1340 m. N

scolymoides DC. = **B. herbacea**

seminivea Harv. & Sond.
Crocodilodes harveyanum Kuntze (1)
Perennial. Herb. Ht 0.3–1.2 m. Alt 1600–2210 m. NW, G, M

setifera DC.
Crocodilodes setiferum (DC.) Kuntze (1)
Perennial. Herb. Ht 0.6–1.2 m. Alt 460–2135 m. LIM, G, M, S, FS, KZN, L, EC

setosa (L.) Willd. = **Cullumia setosa** var. **setosa**

sonchifolia (Harv.) MacOwan = **B. erysithales**

speciosa (DC.) O.Hoffm. subsp. **lanceolata** Roessler
Perennial. Herb. Ht 0.6–1 m. Alt 795–1980 m. G, M, S, FS, KZN

speciosa (DC.) O.Hoffm. subsp. **ovata** Roessler
Perennial. Herb. Ht 0.15–1 m. Alt 450–2179 m. KZN, EC

speciosa (DC.) O.Hoffm. subsp. **speciosa**
Stobaea speciosa DC. (1)
Perennial. Herb. Ht 0.6–1 m. Alt 15–2200 m. FS, KZN, L, EC

sphaerocephala (DC.) Roessler
Stobaea sphaerocephala DC. (1)
Perennial. Herb. Ht 0.4–1.2 m. Alt 5–1900 m. KZN, EC

spinosa (L.f.) Druce
B. obovata (Thunb.) Willd. (1)
Gorteria spinosa L.f. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 370–1945 m. NC, WC

spinosissima (Thunb.) Willd. subsp. **namaensis** Roessler var. **argentifolia** Roessler
Perennial. Shrub. Ht 1–1.7 m. Alt 550–680 m. NC

spinosissima (Thunb.) Willd. subsp. **namaensis** Roessler var. **namaensis**

B. oppositifolia (DC.) Hutch. (1)
Stobaea oppositifolia DC. (1)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 275–1025 m. N, NC

spinosissima (Thunb.) Willd. subsp. **spinosissima**
B. horrida Muschl. (5)
B. oppositifolia Range (5)
B. schenckii O.Hoffm. (5)
Rohria spinosissima Thunb. (5)
Perennial. Shrub. Ht 0.6–1 m. Alt 600–2000 m. N, NC, WC

spinulosa N.E.Br. = **B. discolor**

squarrosa (L.) Willd. = **Cullumia squarrosa**

stobaeoides Harv. = **B. pinnatifida** subsp. **stobaeoides**

subteretifolia Thell. = **B. zeyheri** subsp. **zeyheri**

subulata Harv. var. **subulata**
Crocodilodes subulatum (Harv.) Kuntze (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 915–1882 m. M, KZN

subulata Harv. var. **wilmsiana** Roessler
Perennial. Herb. Ht 0.3–0.6 m. Alt 1200–1600 m. M, KZN

subulata J.M.Wood, not of Harv., concept invalid = **B. insignis**

sulcata (Thunb.) Willd. = **Cullumia sulcata** var. **sulcata**

tysonii Hutch.
Perennial. Shrub. Ht ± 0.3 m. Alt 1300–2073 m. WC

umbellata DC.
Crocodilodes umbellatum (DC.) Kuntze (1)
Perennial. Herb. Ht 0.25–0.8 m. Alt 45–855 m. KZN, EC

viscosa (DC.) Hutch.
Stobaea viscosa DC. (1)
Perennial. Herb. Ht ± 2 m. Alt 807–1077 m. WC

zeyheri (Sond. & Harv.) Oliv. & Hiern subsp. **rehmannii** (Thell.) Roessler var. **rehmannii**
B. rehmannii Thell. (1)
Perennial. Herb. Ht 0.2–0.45 m. Alt 305–1525 m. LIM, M, S, KZN

zeyheri (Sond. & Harv.) Oliv. & Hiern subsp. **rehmannii** (Thell.) Roessler var. **rogersiana** (Thell.) Roessler
B. rehmannii Thell. var. *rogersiana* Thell. (1)
Perennial. Herb. Ht 1–1.3 m. Alt 885–1220 m. M, S

zeyheri (Sond. & Harv.) Oliv. & Hiern subsp. **zeyheri**
B. subteretifolia Thell. (1)
Stobaea zeyheri Sond. & Harv. (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 535–2042 m. LIM, NW, G, M, S, KZN

BERKHEYOPSIS O.Hoffm. 9436000

angolensis O.Hoffm. = **Hirpicium gorterioides** subsp. **gorterioides**

bechuanensis S.Moore = **Hirpicium bechuanense**

brevisquama Mattf. = **Hirpicium bechuanense**

echinus (Less.) O.Hoffm. = **Hirpicium echinus**

gorterioides (Oliv. & Hiern) Thell. = **Hirpicium gorterioides** subsp. **gorterioides**

gossweileri S.Moore = **Hirpicium gorterioides** subsp. **gorterioides**

kuntzei O.Hoffm. = **Hirpicium echinus**

langii Bremek. & Oberm. = **Hirpicium gorterioides** subsp. **gorterioides**

linearifolia (Bolus) Burtt Davy = **Hirpicium linearifolium**

pechuelii (Kuntze) O.Hoffm. = **Hirpicium gazanioides**

rehmannii Thell. = **Hirpicium bechuanense**

schinzii O.Hoffm. = **Hirpicium gorterioides** subsp. **schinzii**

BIDENS L. 9237000

Compiled by N. Netnou

(1) Sherff. 1923. *Botanical Gazette* 76: 146.
(2) Wild. 1967. *Kirkia* 6,1: 13–34.
(3) Hilliard. 1977. *Compositae in Natal*: 102.
(4) Mesfin. 1993. *Kew Bulletin* 48,3: 437–506.
(5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 254–261.

***bipinnata** L.
Annual. Herb. Ht 0.05–1.5 m. Alt 4–2125 m. B, LIM, NW, M, S, FS, KZN, L, NC, EC

***biternata** (Lour.) Merr. & Sherff
Coreopsis biternata Lour. (2)
Annual. Herb. Ht 0.4–1.5 m. Alt 945–1300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

formosa (Bonato) Sch.Bip. = **Cosmos bipinnatus**

insecta (S.Moore) Sherff = **B. kirkii**

kirkii (Oliv. & Hiern) Sherff
B. insecta (S.Moore) Sherff (4)
B. schlechteri Sherff (2)
Coreopsis kirkii Oliv. & Hiern (2)
Perennial. Herb. Ht up to 1 m. Alt up to 1525 m. LIM, M

leucantha (L.) Willd. = **B. pilosa**

***pilosa** L.
B. leucantha (L.) Willd. (2)
Annual. Herb. Ht 0.4–1.5 m. Alt 5–1770 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

prolixa S.Moore = **B. schimperi**

schimperi Sch.Bip. ex Walp.
B. prolixa S.Moore (2)
Annual. Herb. Ht up to 1.5 m. Alt 305–940 m. N, B, LIM, KZN

schlechteri Sherff = **B. kirkii**

sulphurea (Cav.) Sch.Bip. = **Cosmos sulphureus**

BLAINVILLEA Cass. 9190000

Compiled by N. Netnou

(1) Wild. 1967. *Kirkia* 6,1: 38, 39.

gayana Cass.
Wedelia gossweileri S.Moore (1)
Annual. Herb. Ht 0.4–2 m. Alt ± 1050 m. B, LIM

BLAXIUM Cass. 9425020

decumbens Cass. = **Dimorphotheca fruticosa**

BLUMEA DC. 8939000

Compiled by P.P.J. Herman

(1) Wild. 1969. *Kirkia* 7: 125–132.
(2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 105, 106.
(3) Mesfin. 1999. *Compositae Newsletter* 33: 29.

alata of authors, not of (D.Don) DC. = **Laggera crispata**

aurita (L.f.) DC. = **Pseudoconyza viscosa**

cafra (DC.) O.Hoffm. = **Doellia cafra**

crispata (Vahl) Merxm. = **Laggera crispata**

decurrens (Vahl) Merxm. = **Laggera decurrens**

dregeanoides Sch.Bip. ex A.Rich.
B. lacera in sense of Oliv. & Hiern (1)
B. mollis (D.Don) Merrill (3)
Erigeron molle D.Don (1)
Perennial. Herb. Ht up to 1 m. Alt 10–900 m. N, LIM, NW, G, M, S, KZN

gariepina DC. = **Laggera decurrens**

lacera in sense of Oliv. & Hiern = **B. dregeanoides**

mollis (D.Don) Merrill = **B. dregeanoides**

natalensis Sch.Bip. = **Doellia cafra**

pterodonta DC. = **Laggera crispata**

suessenguthii Merxm. = **Nicolasia heterophylla** subsp. **heterophylla**

viscosa (Mill.) V.M.Badillo = **Pseudoconyza viscosa**

BOJERIA DC. 9061020

lanceolata (Harv.) Benth. ex B.D.Jacks. = **Pegolettia lanceolata**

nutans Bolus = **Printzia nutans**

BOTHRIOCLINE Oliv. ex Benth. 8746000

Compiled by N. Netnou

(1) Brown. 1894. *Kew Bulletin* 1894: 388, 389.
(2) Wild. 1977. *Kirkia* 10,2: 370, 371.
(3) Pope. 1992. *FZ* 6,1: 164, 165.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 263–265.

laxa N.E.Br.
Erlangea laxa (N.E.Br.) S.Moore (2)
Annual. Herb. Ht 0.6–1.2 m. Alt up to 1220 m. LIM, M, S

BRACHYLAENA R.Br. 8936000

Compiled by P.P.J. Herman

(1) Phillips & Schweickerdt. 1937. *Bothalia* 3: 205–221.
(2) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1005.
(3) Paiva. 1972. *Boletim da Sociedade Broteriana* 46: 368–384.
(4) Pope. 1992. *FZ* 6,1: 5–8.
(5) Cilliers. 1993. *Bothalia* 23: 175–184.
(6) Herman. 1998. *Bothalia* 28: 42–45.
(7) Beentje. 2000. *Kew Bulletin* 55: 1–41.

dentata DC. = **B. elliptica**

dentata DC. var. *salicina* DC. = **B. elliptica**

dentata (Thunb.) Harv. = **B. glabra**

discolor DC.
B. discolor DC. subsp. *discolor* var. *discolor* (6)
B. discolor DC. subsp. *discolor* var. *mossambicensis* Paiva (4, 6)
B. natalensis Sch.Bip. (1, 3, 4)
Perennial. Tree or shrub. Ht 1.8–20 m. Alt 4–60 m. LIM, S, KZN, EC

discolor DC. subsp. *discolor* var. *discolor* = **B. discolor**

discolor DC. subsp. *discolor* var. *mossambicensis* Paiva = **B. discolor**

discolor DC. subsp. *transvaalensis* (E.Phillips & Schweick.) Paiva = **B. transvaalensis**

elliptica (Thunb.) DC.
B. dentata DC. (1, 5, 7)
B. dentata DC. var. *salicina* DC. (1, 7)
B. elliptica (Thunb.) DC. var. *salicina* (DC.) Harv. (7)
Tarchonanthus ellipticus Thunb. (1, 5, 7)
Perennial. Tree or shrub. Ht 1.8–7 m. Alt 1–1200 m. KZN, EC

elliptica (Thunb.) DC. var. *salicina* (DC.) Harv. = **B. elliptica**

glabra (L.f.) Druce
B. dentata (Thunb.) Harv. (1)
B. grandifolia DC. (1, 5, 7)
Tarchonanthus dentatus Thunb. (1, 5, 7)
Tarchonanthus glaber L.f. (1, 5, 7)
Perennial. Tree or shrub. Ht 3–13 m. Alt 60–900 m. KZN, EC

grandifolia DC. = **B. glabra**

huillensis O.Hoffm.
B. hutchinsii Hutch. (3, 4, 5, 7)
Tarchonanthus camphoratus in sense of Hiern (3, 4, 5, 7)
Perennial. Tree or shrub. Ht 5–15 m. Alt 25–1525 m. B, LIM, S, KZN

hutchinsii Hutch. = **B. huillensis**

ilicifolia (Lam.) E.Phillips & Schweick.
Baccharis ilicifolia Lam. (1, 5, 7)
B. racemosa (Thunb.) DC. (1)
Tarchonanthus racemosus Thunb. (5, 7)
Perennial. Tree or shrub. Ht 1.5–4 m. Alt 20–1350 m. LIM, S, KZN, EC

natalensis Sch.Bip. = **B. discolor**

neriifolia (L.) R.Br.
Baccharis neriifolia L. (1, 5, 7)
Conyza neriifolia (L.) L'Hér. ex Steud. (1, 7)
Oligocarpha neriifolia (L.) Cass. (1, 5, 7)
Tarchonanthus dentatus Eckl. & Zeyh. ex DC. (1)
Tarchonanthus lanceolatus Thunb. (1, 5, 7)
Perennial. Tree or shrub. Ht 2–8 m. Alt 5–600 m. WC

racemosa (Thunb.) DC. = **B. ilicifolia**

rhodesiana S.Moore = **B. rotundata**

rotundata S.Moore
B. rhodesiana S.Moore (3, 4, 5)
Perennial. Tree or shrub. Ht 3–15 m. Alt 500–1830 m. B, LIM, NW, G, M, S, FS

transvaalensis E.Phillips & Schweick.
B. discolor DC. subsp. *transvaalensis* (E.Phillips & Schweick.) Paiva (4, 6)
Perennial. Tree. Ht up to 30.48 m. Alt 720–1900 m. LIM, M, S, KZN

uniflora Harv.
Perennial. Tree. Ht 4.27–30 m. Alt 30–1035 m. KZN, EC

BRACHYMERIS DC. 9370010

athanasioides (S.Moore) Hutch. = **Phymaspermum athanasioides**

bolusii Hutch. = **Phymaspermum bolusii**

erubescens Hutch. = **Phymaspermum erubescens**

montana Hutch. = **Phymaspermum montanum**

peglerae Hutch. = **Phymaspermum peglerae**

scoparia DC. = **Phymaspermum scoparium**

BRACHYRHYNCHOS Less. 9411060

junceus DC. = **Senecio junceus**

eupatorioides Less. = **Senecio othonniflorus**

tuberosus DC. = **Senecio tuberosus**

BRYOMORPHE Harv. 9047000

Compiled by M. Koekemoer

(1) Levyns. 1942. *Journal of South African Botany* 8: 282, 283.
(2) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

aretioides (Turcz.) Druce
B. zeyheri Harv. (2)
Helichrysum aretioides Turcz. (1)
Perennial. Dwarf shrub. Ht 0.05–0.07 m. Alt 50–2300 m. WC

lycopodioides (Sch.Bip. ex Walp.) Levyns = **Dolichothrix ericoides**

zeyheri Harv. = **B. aretioides**

CACALIA L. 9409000

acaulis L.f. = **Senecio acaulis**

arbuscula Thunb. = **Othonna arbuscula**

aristata (DC.) Kuntze = **Vernonia natalensis**

bipinnata Thunb. = **Senecio bipinnatus**

capensis (Houtt.) Kuntze = **Vernonia capensis**

cissampelina DC. = **Mikaniopsis cissampelina**

corymbosa (L.f.) Kuntze = **Vernonia tigna**

cylindrica Lam. = **Othonna cylindrica**

elaeagnoides (DC.) Kuntze = **Vernonia oligocephala**

gerrardii (Harv.) Kuntze = **Vernonia gerrardii**

harveyi Kuntze = **Vernonia galpinii**

mespilifolia (Less.) Kuntze = **Vernonia mespilifolia**

nudicaulis (DC.) Kuntze = **Vernonia dregeana**

pinnatifida P.J.Bergius = **Senecio pinnatifidus**

quinqueloba Thunb. = **Senecio quinquelobus**

scandens Aiton = **Senecio deltoideus**

tomentosa Thunb. = **Senecio thunbergii**

CADISCUS E.Mey. ex DC. 9287000

Compiled by E. Retief

(1) Nordenstam. 1968. *Opera Botanica* 20: 33.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 311.

aquaticus E.Mey. ex DC.
Annual. Herb, aquatic. Floating stems up to 0.6 m long. Alt 105–260 m. WC

*CALENDULA L. 9423000

Compiled by P.P.J. Herman

(1) Norlindh. 1943. *Studies in the Calenduleae*: 32.
(2) Meikle. 1976. *Flora europaea* 4: 206, 207.

amplexicaulis Thunb. = **Tripteris amplexicaulis**

arborescens Jacq. = **Tripteris dentata**

arvensis L.
Annual. Herb. Ht 0.05–0.3 m. Alt? KZN

aspera Thunb. = **Osteospermum rigidum** var. **rigidum**

chrysanthemifolia Vent. = **Dimorphotheca chrysanthemifolia**

cuneata Thunb. = **Dimorphotheca cuneata**

decurrens Thunb. = **Dimorphotheca pluvialis**

diffusa Salisb. = **Dimorphotheca fruticosa**

flaccida Vent. = **Dimorphotheca tragus**

fruticosa L. = **Dimorphotheca fruticosa**

glabrata Thunb. = **Tripteris oppositifolia**

graminifolia L. = **Dimorphotheca nudicaulis** var. **graminifolia**

hispida Thunb. = **Aster bakerianus**

hybrida L. = **Dimorphotheca pluvialis**

muricata Thunb. = **Osteospermum grandiflorum**

nudicaulis L. = **Dimorphotheca nudicaulis** var. **nudicaulis**

oppositifolia Aiton = **Tripteris oppositifolia**

parviflora Thunb. = **Oligocarpus calendulaceus**

pinnata Thunb. = **Osteospermum pinnatum** var. **pinnatum**

pluvialis L. = **Dimorphotheca pluvialis**

rigida Aiton = **Osteospermum grandiflorum**

rosmarinifolia Houtt. = **Osteospermum polygaloides** var. **polygaloides**

scabra P.J.Bergius = **Dimorphotheca acutifolia**

tomentosa L.f. = **Tripteris tomentosa**

tragus Aiton = **Dimorphotheca tragus**

tragus Aiton var. *flaccida* (Vent.) Pers. = **Dimorphotheca tragus**

versicolor Salisb. = **Dimorphotheca pluvialis**

viscosa H.C.Andrews = **Dimorphotheca cuneata**

CALLILEPIS DC. 9094000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 136.
(2) Oliver. 1885. *Hooker's Icones Plantarum* 15: t. 1482.
(3) Burtt Davy. 1936. *Kew Bulletin* 1936: 84, 85.
(4) Claassen. 1969. *The Flowering Plants of Africa* 39: t. 1554.
(5) Leins. 1971. *Mitteilungen der Botanischen Staatssammlung München* 9: 108.
(6) Hilliard. 1977. *Compositae in Natal*: 286–288.
(7) Anderberg. 1991. *Opera Botanica* 104: 46.

caerulea (Hutch.) Leins
Zoutpansbergia caerulea Hutch. (5, 7)
Shrub or tree. Ht 0.6–4 m. Alt 1160–1750 m. LIM

glabra DC. = **C. laureola**

hispida DC. = **C. laureola**

lancifolia Burtt Davy
Perennial. Herb. Ht 0.3–0.6 m. Alt? LIM, NW, M

laureola DC.
C. glabra DC. (6)
C. hispida DC. (6)
C. laureola DC. var. *glabra* (DC.) Harv. (6)
C. laureola DC. var. *hispida* (DC.) Harv. (6)
Perennial. Herb. Ht 0.3–1 m. Alt 0–2150 m. M, S, FS, KZN, EC

laureola DC. var. *glabra* (DC.) Harv. = **Callilepis laureola**

laureola DC. var. *hispida* (DC.) Harv. = **Callilepis laureola**

leptophylla Harv.
Perennial. Herb. Ht 0.2–1 m. Alt 450–2000 m. LIM, G, M, S, KZN

salicifolia Oliv.

Perennial. Herb. Ht 0.3–1 m. Alt 760–1830 m. LIM, G, M, S, KZN

CALLISIA L. 9052030

gnaphalodes L. = **Leysera gnaphalodes**

CALOMERIA Vent. 9019000

infausta (J.M.Wood & M.S.Evans) Heine = **Helichrysum infaustum**

CALOSTEPHANE Benth. 9069000

Compiled by P.P.J. Herman

(1) Hoffmann. 1889. *Botanische Jahrbücher* 10: 276.
(2) Merxmüller. 1967. *FSWA* 139: 37, 38.
(3) Hilliard. 1977. *Compositae in Natal*: 279, 280.

divaricata Benth.
C. divaricata Benth. var. *schinzii* (O.Hoffm.) Thell. (2, 3)
C. foliosa Klatt (2, 3)
C. schinzii O.Hoffm. (2, 3)
Annual. Herb. Ht 0.05–1 m. Alt 70–1435 m. N, B, LIM, M, S, KZN

divaricata Benth. var. *schinzii* (O.Hoffm.) Thell. = **C. divaricata**

foliosa Klatt = **C. divaricata**

marlothiana O.Hoffm.
Annual. Herb or suffrutex. Ht 0.1–1 m. Alt 90–1000 m. N

schinzii O.Hoffm. = **C. divaricata**

CALOTESTA P.O.Karis 9043010

Compiled by M. Koekemoer

(1) Karis. 1990. *Botanical Journal of the Linnean Society* 102: 23–36.

alba P.O.Karis
Perennial. Shrub. Ht 0.3–0.5 m. Alt 1800–2000 m. WC

***CAMPULOCLINIUM** DC. 8816040

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 54.
(2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 126–128.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 43.

macrocephalum (Less.) DC.
Eupatorium macrocephalum Less. (2)
Perennial. Herb. Ht 1–1.3 m. Alt 280–1500 m. LIM, G, KZN

CAPELIO B.Nord. 9391010

Compiled by P.P.J. Herman

(1) Nordenstam. 2002. *Compositae Newsletter* 38: 71–75.
(2) Nordenstam. 2003. *Compositae Newsletter* 39: 48–51.

caledonica B.Nord.
Perennial. Subshrub. Ht 0.3–1 m. Alt 0–750 m. WC

tabularis (Thunb.) B.Nord.
Alciope tabularis (Thunb.) DC. (1)
Arnica tabularis Thunb. (1)
Celmisia rotundifolia Cass. (2)
Perennial. Shrub or dwarf shrub. Ht 0.38–0.45 m. Alt 90–1035 m. WC

tomentosa (Burm.f.) B.Nord.
Alciope lanata (Thunb.) DC. (1)
Arnica lanata Thunb. (1)
Conyza tomentosa Burm.f. (1)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt up to 610 m. WC

***CARDUUS** L. 9461000

Compiled by E. Retief

(1) Franco & Rocha Afonso. 1976. *Flora europaea* 4: 220–232.
(2) Hilliard. 1977. *Compositae in Natal*: 576, 577.

lanceolatum L. = **Cirsium vulgare**

macrocephalus Desf.
Annual. Herb. Ht 1–2 m. Alt 121–650 m. EC

marianus L. = **Silybum marianum**

pycnocephalus of author, not of L. = **C. tenuiflorus**

tenuiflorus Curtis
C. pycnocephalus of author, not of L. (2)
Annual. Herb. Ht ± 1.5 m. Alt 460–915 m. M, KZN, WC, EC

vulgaris Savi = **Cirsium vulgare**

CARLINA L. 9449000

aculeata Burm.f. = **Heterorhachis aculeata**

CARPHOPAPPUS Sch.Bip. 9065020

baccaridifolius (Less.) Sch.Bip. = **Pegolettia baccaridifolia**

***CARTHAMUS** L. 9477000

Compiled by E. Retief

(1) Hanelt. 1976. *Flora europaea* 4: 302, 303.

lanatus L.
Kentrophyllum lanatum (L.) DC. (1)
Annual. Herb. Ht ± 0.3 m. Alt 330–783 m. WC, EC

CASSINIA R.Br. 8994020

alba O.Hoffm. = **Helichrysum platypterum**

phylicifolia (DC.) J.M.Wood = **Tenrhynea phylicifolia**

CASTALIS Cass. 9425010

nudicaulis (L.) Norl. var. *graminifolia* (L.) Norl. = **Dimorphotheca nudicaulis** var. **graminifolia**

nudicaulis (L.) Norl. var. *nudicaulis* = **Dimorphotheca nudicaulis** var. **nudicaulis**

spectabilis (Schltr.) Norl. = **Dimorphotheca spectabilis**

tragus (Aiton) Norl. var. *pinnatifida* Norl. = **Dimorphotheca tragus**

tragus (Aiton) Norl. var. *tragus* = **Dimorphotheca tragus**

ventenati Cass. = **Dimorphotheca tragus**

CELMISIA Cass. 9391020

rotundifolia Cass. = **Capelio tabularis**

CENIA Comm. 9351010

albovillosa S.Moore = **Cotula microglossa**

discoidea Less. = **Cotula nudicaulis**

duckittiae L.Bolus = **Cotula duckittiae**

expansa Compton = **Cotula duckittiae**

microglossa DC. = **Cotula microglossa**

pectinata DC. = **Cotula mariae**

sericea (L.f.) DC. = **Cotula sericea**

turbinata (L.) Pers. = **Cotula turbinata**

*CENTAUREA L. 9476000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 75–97.
(2) Hilliard. 1977. *Compositae in Natal*: 580, 581.

calcitrapa L.
Annual. Herb. Ht 0.2–0.4 m. Alt 365–1280 m. FS, NC, WC, EC

cyanus L.
Cyanus segetum Hill (1)
Annual. Herb. Ht ± 0.6 m. Alt ± 300–1400 m. M, FS, EC

melitensis L.
Annual. Herb. Ht 0.3–0.6 m. Alt 6–1620 m. NW, G, FS, KZN, NC, WC, EC

repens L.
Perennial. Herb, graminoid. Ht 0.3–0.5 m. Alt 0–1065 m. NW, FS, NC, WC, EC

salmantica L. = **Mantisalca salmantica**

solstitialis L.
Annual. Herb. Ht ± 0.9 m. Alt ± 1645 m. G, M, FS, EC

CERADIA Lindl. 9420010

furcata Lindl. = **Othonna furcata**

CHARIEIS Cass. 8881000

caerulea Cass. = **Felicia heterophylla**

heterophylla Cass. = **Felicia heterophylla**

neesii Cass. = **Felicia heterophylla**

*CHROMOLAENA DC. 8816020

Compiled by E. Retief

(1) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 383–388.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 171.

odorata (L.) R.M.King & H.Rob.
Eupatorium conyzoides Vahl (1)
Eupatorium odoratum L. (1)
Perennial. Shrub. Ht 1.5–4 m. Alt 60–750 m. LIM, M, S, KZN, EC

*CHRYSANTHELLUM Rich. 9232000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 38.
(2) Turner. 1988. *Phytologia* 64: 426–434.

indicum DC.
Annual. Herb. Ht up to 0.25 m. Alt up to 1465 m. N, NW, NC

CHRYSANTHEMOIDES Fabr. 9427020

Compiled by P.P.J. Herman

(1) Norlindh. 1943. *Studies in the Calenduleae*: 367–403.
(2) Merxmüller. 1967. *FSWA* 139: 38, 39.
(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

incana (Burm.f.) Norl.
Osteospermum incanum Burm.f. (1, 2)
Osteospermum lanosum (DC.) Compton & E.Phillips (1)
Osteospermum marlothianum Muschl. ex Dinter (2)
Osteospermum moniliferum L. var. *lanosum* DC. in part (1, 2)
Osteospermum rangei Muschl. (1, 2)
Perennial. Shrub, succulent. Ht 0.25–0.5 m. Alt 15–1100 m. N, NC, WC

monilifera (L.) Norl. subsp. **canescens** (DC.) Norl.
Osteospermum pisiferum L. var. *canescens* DC. (1)
Perennial. Shrub, succulent. Ht 0.3–3.65 m. Alt 765–2210 m. M, FS, KZN, L, EC

monilifera (L.) Norl. subsp. **monilifera**
Lepisiphon dentatus Turcz. (1)
Osteospermum moniliferum L. (1)
Perennial. Shrub, succulent. Ht 0.1–3 m. Alt 5–1760 m. WC, EC

monilifera (L.) Norl. subsp. **pisifera** (L.) Norl.
C. pisiformis Medik. (1)
Osteospermum moniliferum L. var. *pisiferum* (L.) Harv. (1)
Osteospermum pisiferum L. (1)
Perennial. Shrub, succulent. Ht 0.3–3 m. Alt 5–1370 m. NC, WC, EC

monilifera (L.) Norl. subsp. **rotundata** (DC.) Norl.
Osteospermum moniliferum L. var. *rotundatum* (DC.) Harv. (1)
Osteospermum rotundatum DC. (1)
Perennial. Shrub, succulent. Ht 0.25–3 m. Alt 5–500 m. KZN, EC

monilifera (L.) Norl. subsp. **septentrionalis** Norl.
Osteospermum moniliferum L. forma *foliis-subintegris* Engl. (1)
Perennial. Shrub, succulent. Ht 0.5–3 m. Alt 1200–2400 m. LIM

monilifera (L.) Norl. subsp. **subcanescens** (DC.) Norl.
Osteospermum moniliferum L. var. *angustifolium* DC. (1)
Osteospermum subcanescens DC. (1)
Perennial. Shrub, succulent. Ht 1–3 m. Alt 15–1219 m. WC, EC

pisiformis Medik. = **C. monilifera** subsp. **pisifera**

*CHRYSANTHEMUM L. 9341000

Compiled by P.P.J. Herman

(1) Bailey. 1977. *Hortus third*: 267, 268.
(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 148, 149.

carnosulum DC. var. *filifolium* Harv. = **Cymbopappus adenosolen**

cinerariifolium (Trevir.) Vis. = **Tanacetum cinerariifolium**

coronarium L.
Annual. Herb. Ht up to 1 m. Alt 30–45 m. WC, EC

decurrens Hutch. = **Adenoglossa decurrens**

glabratum Thunb. = **Oncosiphon glabratum**

hirtum Thunb. = **Oncosiphon africanum**

incanum Thunb. = **Pentzia incana**

lasiopodum Hutch. = **Cymbopappus piliferus**

leptophyllum DC. = **Leucoptera nodosa**

leptophyllum DC. var. *indivisum* DC. = **Leucoptera subcarnosa**

leucanthemum L. = **Leucanthemum vulgare**

lidbeckioides Less. = **Osteospermum pinnatum** var. **pinnatum**

nodosum (Thunb.) DC. = **Leucoptera nodosa**

osmitoides Harv. = **Adenanthellum osmitoides**

segetum L.

Annual. Herb. Ht up to 0.6 m. Alt 50–500 m. M, WC, EC

CHRYSOCOMA L. 8930000

Compiled by P.P.J. Herman

(1) Bayer. 1981. *Mitteilungen der Botanischen Staatssammlung München* 17: 259–392.
(2) Wijnands. 1985. *Taxon* 34: 311.

acicularis Ehr.Bayer
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1200–1250 m. WC

aurea Salisb. = **C. coma-aurea**

candelabrum Ehr.Bayer
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1200–1250 m. WC

cernua L.
C. coma-aurea L. var. *cernua* (L.) DC. (1)
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 60–1200 m. NC, WC

ciliata L.
Aster discoideus Sond. (1)
C. microcephala DC. (1)
C. tenuifolia P.J.Bergius (2)
Perennial. Shrub. Ht 0.1–0.6 m. Alt 5–3124 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

ciliata E.Mey. = **C. oblongifolia**

ciliata of author, not of L.; Dinter, concept invalid = **Nolletia tenuifolia**

coma-aurea L.
C. aurea Salisb. (1)
C. coma-aurea L. var. *patula* (P.J.Bergius) DC. (1)
C. patula P.J.Bergius (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 5–1400 m. WC

coma-aurea L. var. *cernua* (L.) DC. = **C. cernua**

coma-aurea L. var. *patula* (P.J.Bergius) DC. = **C. coma-aurea**

decurrens DC. = **Heteromma decurrens**

decurrens DC. var. *pterocaula* (DC.) Harv. = **Heteromma decurrens**

dinteri Muschl. = **Nolletia arenosa**

esterhuyseniae Ehr.Bayer
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 30–60 m. WC

flava Ehr.Bayer
Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt 100–200 m. WC

incana Burm. = **Pteronia incana**

longifolia DC.
C. longifolia DC. var. *patula* DC. (1)
C. subumbellata Thell. (1)
Perennial. Shrub. Ht 0.25–1 m. Alt 120–1550 m. NC, WC

longifolia DC. var. *patula* DC. = **C. longifolia**

microcephala DC. = **C. ciliata**

microphylla Thunb.
C. peduncularis DC. (1)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 100–1200 m. N, NC, WC

mozambicensis Ehr.Bayer
Perennial. Shrub. Ht up to 0.8 m. Alt 12–200 m. KZN

oblongifolia DC.
C. ciliata E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 455–1500 m. WC

obtusata (Thunb.) Ehr.Bayer
Aster obtusatus Thunb. (1)
C. polygalifolia S.Moore (1)
Perennial. Shrub. Ht 0.15–0.6 m. Alt 370–2000 m. N, B, NW, FS, KZN, NC, WC

patula P.J.Bergius = **C. coma-aurea**

peduncularis DC. = **C. microphylla**

pinnatifida DC. = **C. tridentata**

polygalifolia S.Moore = **C. obtusata**

pterocaula DC. = **Heteromma decurrens**

puberula Merxm.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 244–785 m. N, NC

puberula Schltr. ex Hutch., naked name = **C. schlechteri**

rigidula (DC.) Ehr.Bayer
Aster hyssopifolius P.J.Bergius var. *canescens* Harv. (1)
Aster hyssopifolius P.J.Bergius var. *rigidulus* (DC.) Harv. (1)
Felicia rigidula DC. (1)
Felicia rigidula DC. var. *subcanescens* DC. (1)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 15–600 m. EC

scabra Thunb. = **Polyarrhena reflexa** subsp. **reflexa**

schlechteri Ehr.Bayer
C. puberula Schltr. ex Hutch., naked name (1)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 609–1200 m. NC

sparsifolia Hutch.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–1500 m. NC, WC

strigosa Ehr.Bayer
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt 15–155 m. WC

subumbellata Thell. = **C. longifolia**

tenuifolia P.J.Bergius = **C. ciliata**

tomentosa L.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 200–900 m. NC

tridentata DC.
C. pinnatifida DC. (1)
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 130–1200 m. WC

undulata Thunb. = **Nidorella undulata**

valida Ehr.Bayer
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 300–1500 m. NC, WC

*CICHORIUM L. 9553000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 597, 598.
(2) Wagenitz & Bedarff. 1989. In *The Davis & Hedge Festschrift*: 11–21.
(3) Pope. 1992. *FZ* 6,1: 194–196.

intybus L. subsp. **intybus**
Perennial. Herb. Ht up to 1.2 m. Alt 150–1512 m. NW, G, FS, KZN, L, NC, WC, EC

CINERARIA L. 9406000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 307–314.
(2) Moore. 1903. *Journal of Botany, London* 41: 400, 401, 406.
(3) Hutchinson. 1931. *Kew Bulletin* 1931: 251.
(4) Dyer. 1934. *Kew Bulletin* 1934: 266.
(5) Burtt Davy. 1936. *Kew Bulletin* 1936: 80, 81.
(6) Merxmüller. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 605, 606.
(7) Merxmüller. 1967. *FSWA* 139: 41, 42.
(8) Hilliard. 1977. *Compositae in Natal*: 372–387.
(9) Hilliard. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 248.
(10) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 160, 161.
(11) Jeffrey. 1986. *Kew Bulletin* 41: 930, 931.
(12) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 185–187.
(13) Cron. 1994. *South African Journal of Botany* 60: 161–167.
(14) Cron & Balkwill. 1997. *South African Journal of Botany* 63: 400–403.
(15) Cron *et al.* 1999. *South African Journal of Botany* 65: 287–290.

abrotanifolia (L.) P.J.Bergius = **Euryops abrotanifolius**

albicans N.E.Br.
Perennial. Herb or dwarf shrub. Ht 0.3–0.6 m. Alt 500–2500 m. NW, G, KZN, L, EC

albicans of author, not of N.E.Br., concept invalid = **C. canescens**

albomontana Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 2200–3350 m. L, EC

alchemilloides DC.
Perennial. Herb or suffrutex. Ht 0.3–1 m. Alt 1500–2200 m. N, WC

amelloides L. = **Felicia amelloides**

arctotidea DC.
Perennial. Herb. Ht? Alt? NC

argillacea Cron
Annual, occ. biennial. Herb. Ht 0.3–0.5 m. Alt 1700–1800 m. WC

aspera Thunb.
Annual, occ. perennial. Herb or suffrutex. Ht 0.15–1.5 m. Alt 1200–2500 m. NW, G, M, FS, KZN, L, NC, WC, EC

atriplicifolia DC.
Annual or perennial. Herb. Ht 0.3–0.75 m. Alt 0–750 m. KZN

austrotransvaalensis Cron
Perennial. Shrub. Ht up to 1 m. Alt ± 1550 m. NW, G, M

bergeriana Spreng. = **Felicia bergeriana**

britteniae Hutch. & R.A.Dyer
Perennial. Herb. Ht 0.2–1 m. Alt 610–2300 m. KZN, WC, EC

burkei Burtt Davy
Perennial. Herb or suffrutex. Ht 0.3–0.6 m. Alt 1400–2000 m. G, M, FS, NC

cacalioides L.f. = **Othonna carnosa** var. **carnosa**

canescens J.C.Wendl. ex Link
C. albicans of author, not of N.E.Br., concept invalid (6)
C. parviflora Aiton (1, 7)
Senecio momordicifolius Dinter & Muschl. (6, 7)
Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 500–1500 m. N, NC

capillacea Thunb. = **Steirodiscus capillaceus**

coronata Thunb. = **Senecio coronatus**

crenata Spreng. = **Senecio erosus**

cyanomontana Cron
Perennial. Suffrutex. Ht 0.3–0.45 m. Alt 1600–1900 m. LIM

cymbalarifolia Thunb. = **Senecio hastifolius**

decipiens Harv.
Annual. Herb. Ht 0.1–0.45 m. Alt up to 600 m. S, KZN

deltoidea Sond.
Perennial. Herb or suffrutex. Ht 0.16–0.6 m. Alt 200–1650 m. LIM, KZN, EC

dieterlenii E.Phillips
Perennial. Herb. Ht up to 1 m. Alt 1500–3350 m. KZN, L, EC

dregeana DC.
Perennial. Herb. Ht? Alt? NC

eenii S.Moore = **Senecio eenii**

erodioides DC.
C. tussilaginea Thunb. in part (1)
Perennial. Herb. Ht 0.15–0.9 m. Alt 1050–2800 m. FS, L, WC, EC

erosa (Thunb.) Harv.
C. oxyodonta DC. (1)
Doria erosa Thunb. (1)
Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 900–1200 m. WC

exilis DC.
Perennial. Herb. Ht up to 0.15 m. Alt? NC

filifolius Thunb. = **Senecio linifolius**

geifolia (L.) L.
Othonna geifolia L. (8)
Perennial. Herb or suffrutex. Ht 0.22–0.6 m. Alt 3–3400 m. KZN, L, EC

geraniifolia DC.
Perennial. Herb. Ht 0.19–0.6 m. Alt 1200–2500 m. M, KZN, EC

grandibracteata Hilliard
Perennial. Herb. Ht 0.3–0.45 m. Alt 900–2250 m. KZN

hastifolia L.f. = **Senecio hastifolius**

hederifolia Cron
Perennial. Herb. Length 0.1–0.3 m. Alt 1260–1850 m. LIM, M

hirsuta Vent. = **Felicia cymbalariae** subsp. **cymbalariae**

humifusa L'Hér.
Perennial. Suffrutex. Ht up to 0.5 m. Alt 0–30 m. WC

hypoleuca Sieber = **Senecio verbascifolius**

laricifolia Lam. = **Senecio pinifolius**

lineata L.f. = **Senecio lineatus**

linifolia (L.) L. = **Euryops linifolius**

linifolia Zeyh. ex DC. = **Felicia linifolia**

lobata L'Hér.
Perennial. Suffrutex. Ht 0.4–1 m. Alt 45–2100 m. LIM, NW, M, FS, KZN, L, WC, EC

longipes S.Moore
Perennial. Herb or dwarf shrub. Ht up to 0.5 m. Alt ± 1600 m. G

lyrata DC. = **C. lyratiformis**

lyratiformis Cron
C. lyrata DC. (15)
Annual or perennial. Herb. Ht 0.35–1.2 m. Alt 100–2450 m. NW, G, M, FS, KZN, L, NC, WC, EC

microglossa DC.
Perennial. Herb or suffrutex. Ht ± 0.15 m. Alt? NC?

microphylla (Cass.) Vahl ex DC. = **Felicia aethiopica** subsp. **aethiopica**

mitellifolia L'Hér.
Perennial. Herb. Ht up to 0.4 m. Alt 600–920 m. WC

mollis E.Mey. ex DC.
Perennial. Herb or suffrutex. Ht 0.05–0.3 m. Alt 1000–2500 m. FS, KZN, L, NC, WC, EC

montana Bolus = **Senecio haygarthii**

monticola Hutch.
Perennial. Suffrutex. Ht 0.2–1 m. Alt 900–1550 m. LIM

oppositifolia Moench = **Felicia amelloides**

othonnoides Harv.
Othonna pinnatifida Thunb. (1)
Annual. Herb. Ht? Alt? 'CP' (1)

oxyodonta DC. = **C. erosa**

pandurata Thunb. = **Senecio panduratus**

parviflora Aiton = **C. canescens**

parvifolia Burtt Davy
Perennial. Herb. Ht 0.2–1 m. Alt 1000–2000 m. LIM, NW, G, M

pedunculosa DC.
Perennial. Suffrutex. Ht 0.15–0.3 m. Alt? WC

pinnata O.Hoffm.
Annual. Herb. Ht 0.3–0.45 m. Alt 0–1500 m. KZN

platycarpa DC.
Annual. Herb. Ht 0.1–0.3 m. Alt 200–900 m. WC, EC

polycephala DC.
Perennial. Shrub or suffrutex. Ht? Alt? WC

saxifraga DC.
Perennial. Suffrutex or dwarf shrub. Ht 0.2–0.5 m. Alt 130–700 m. EC

seminuda Klatt = **Senecio cinerascens**

tenella (L.) Link = **Felicia tenella** subsp. **tenella**

tomentosa (DC.) Less.
Senecio lanatus Thunb. (1)
Perennial. Suffrutex or dwarf shrub. Ht 0.3–0.6 m. Alt 350–1720 m. WC

tussilaginea Thunb. in part = **C. erodioides**

tussilaginea Thunb. in part = **Senecio verbascifolius**

vagans Hilliard
Perennial. Herb. Length up to 0.5 m. Alt 1380–1700 m. EC

vallis-pacis Dinter ex Merxm.
Perennial. Herb or suffrutex. Ht 0.6–2 m. Alt 1050–1470 m. N, NW, NC

*CIRSIUM Mill. emend. Scop. 9462000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 19–53.
(2) Hilliard. 1977. *Compositae in Natal*: 578, 579.
(3) Retief & Herman. 1997. *Strelitzia* 6: 300.

arvense (L.) Scop.
Serratula arvensis L. (1)
Annual. Herb. Ht 0.8–1 m. Alt 200–1980 m. M, EC

lanceolatum (L.) Scop. = **C. vulgare**

vulgare (Savi) Ten.
Carduus lanceolatum L. (2)
Carduus vulgaris Savi (1)
C. lanceolatum (L.) Scop. (2)
Cnicus lanceolatum (L.) Willd. (2)
Annual. Herb. Ht 0.3–1 m. Alt 5–2134 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

*CNICUS L. 9479000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 98–100.
(2) Retief & Herman. 1997. *Strelitzia* 6: 300.

benedictus L.
Annual. Herb. Ht 0.4–0.7 m. Alt 90–1310 m. LIM, G, FS, WC

lanceolatum (L.) Willd. = **Cirsium vulgare**

COLUMELLEA Jacq. 9048010

biennis Jacq. = **Nestlera biennis**

COMBORHIZA Anderb. & K.Bremer 9050030

Compiled by M. Koekemoer

(1) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

longipes (K.Bremer) Anderb. & K.Bremer
Leysera longipes K.Bremer (1)
Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 1800–2000 m. WC

virgata (N.E.Br.) Anderb. & K.Bremer
Nestlera virgata N.E.Br. (1)
Relhania tuberosa K.Bremer (1)
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 2200–3000 m. KZN

COMPTONANTHUS B.Nord. 8987020

brachypterus (O.Hoffm. ex Zahlbr.) B.Nord. = **Lasiopogon brachypterus**

molluginoides (DC.) B.Nord. = **Ifloga molluginoides**

subcarnosus B.Nord. = **Lasiopogon debilis**

CONYZA Less. 8926000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 111–114.
(2) Merxmüller. 1967. *FSWA* 139: 43, 44.
(3) Wild. 1975. *Kirkia* 10: 35–62.
(4) Hilliard. 1977. *Compositae in Natal*: 86–96.
(5) Danin. 1990. *South African Journal of Botany* 56: 412, 413.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 270–272.
(7) King-Jones. 2001. *Englera* 23: 121.

aegyptiaca (L.) Aiton
C. stricta of author, not of Willd.; Dinter, concept invalid (2)
C. transvaalensis Bremek. (2, 3)
Erigeron aegyptiacus L. (4)
Annual or biennial. Herb. Ht 0.45–1 m. Alt 915–1585 m. N, B, LIM, NW, G, M, S, KZN

***albida** Spreng.

C. floribunda Kunth (3, 5)
C. sumatrensis (Retz.) E.Walker (5)
Erigeron floribundus (Kunth) Sch.Bip. (3, 5)
Erigeron sumatrensis Retz. (3, 5)
Annual. Herb. Ht 0.2–2 m. Alt 2–1912 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

attenuata DC.
C. persicariifolia (Benth.) Oliv. & Hiern (3, 4, 6)
Erigeron persicariifolius Benth. (4, 6)
Annual or biennial. Herb. Ht 0.3–2 m. Alt 155–870 m. LIM, M, S, KZN

aurita L.f. = **Pseudoconyza viscosa**

***bonariensis** (L.) Cronquist
Erigeron bonariensis L. (3, 4)
Erigeron crispus Pourr. (2, 3)
Erigeron linifolius Willd. (3)
Annual. Herb. Ht 0.05–1.2 m. Alt 5–1890 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cafra DC. = **Doellia cafra**

***canadensis** (L.) Cronquist
Erigeron canadensis L. (3, 4)
Annual. Herb. Ht 0.3–1.5 m. Alt 5–2125 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

canescens L.f. = **Vernonia capensis**

***chilensis** Spreng.
Perennial. Herb. Ht 0.5–1 m. Alt 0–1720 m. NW, M, S, FS, KZN

cinerea L. = **Cyanthillium cinereum** var. **cinereum**

floribunda Kunth = **C. albida**

gouanii (L.) Willd.
C. hochstetteri Sch.Bip. ex A.Rich. (3)
Erigeron gouanii L. (3, 4)
Perennial. Herb. Ht 0.3–0.6 m. Alt 185–1645 m. LIM, G, M, S, KZN, EC

hochstetteri Sch.Bip. ex A.Rich. = **C. gouanii**

incisa Aiton = **C. ulmifolia**

ivifolia (L.) Less. = **C. scabrida**

kotschyi (Sch.Bip. ex Schweinf. & Asch.) Schweinf. & Asch. = **Pentanema indicum**

montevidensis Spreng. = **Baccharis pingraea**

natalensis Sch.Bip. = **Doellia cafra**

neriifolia (L.) L'Hér. ex Steud. = **Brachylaena neriifolia**

obscura DC.
Webbia kraussii Sch.Bip. (4)
Perennial. Herb. Ht 0.25–0.6 m. Alt 20–2400 m. G, M, S, FS, KZN, L, WC, EC

persicariifolia (Benth.) Oliv. & Hiern = **C. attenuata**

pinnata (L.f.) Kuntze
C. pinnatilobata DC. (3, 4)
Erigeron pinnatus L.f. (3, 4)
Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, NC, EC

pinnatifida (Thunb.) Less.
Erigeron pinnatifidum Thunb. (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 5–90 m. WC

pinnatilobata DC. = **C. pinnata**

pinifolia Lam. = **Vernonia capensis**

podocephala DC.
Perennial. Herb. Ht 0.17–0.6 m. Alt 1200–2750 m. NW, G, M, FS, KZN, L, NC, EC

pusilla Houtt. (insufficiently known) (1)

scabrida DC.
Baccharis ivaefolia L. (4)
C. ivifolia (L.) Less. (4)
Pluchea scabrida DC. (7)
Perennial. Shrub. Ht 0.38–1.2 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

squamata Spreng. = **Aster squamatus**

stricta of author, not of Willd.; Dinter, concept invalid = **C. aegyptiaca**

sumatrensis (Retz.) E.Walker = **C. albida**

tomentosa Burm.f. = **Capelio tomentosa**

transvaalensis Bremek. = **C. aegyptiaca**

ulmifolia (Burm.f.) Kuntze
Baccharis ulmifolia Burm.f. (3, 4)
C. incisa Aiton (3, 4)
Erigeron incisum Thunb. (4)
Annual, occ. perennial. Herb. Ht 0.3–1.21 m. Alt 3–2225 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

*COREOPSIS L. 9227000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 315, 316.
(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 168.
(3) Bremer. 1994. *Asteraceae: cladistics and classification*: 615.

biternata Lour. = **Bidens biternata**

kirkii Oliv. & Hiern = **Bidens kirkii**

lanceolata L.
Perennial. Herb. Ht up to 0.5 m. Alt up to 30 m. LIM, G, M, KZN

tinctoria Nutt.
Annual. Herb. Ht up to 1.2 m. Alt? 'RSA'

CORYMBIUM L. 8764000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 55, 56.
(2) Compton. 1936. *Journal of South African Botany* 2: 165–167.
(3) Markötter. 1940. *Botanische Jahrbücher* 70: 354–372.
(4) Weitz. 1989. *South African Journal of Botany* 55: 598–629.

africanum L. subsp. **africanum**
Perennial. Herb. Ht 0.07–0.31 m. Alt 1000–2000 m. WC

africanum L. subsp. **scabridum** (P.J.Bergius) Weitz var. **fourcadei** (Hutch.) Weitz
C. fourcadei Hutch. (4)
Perennial. Herb. Ht 0.11–0.24 m. Alt 700–1860 m. WC, EC

africanum L. subsp. **scabridum** (P.J.Bergius) Weitz var. **gramineum** (Burm.f.) Weitz
C. filiforme L.f. (4)
C. gramineum Burm.f. (4)
C. luteum E.Mey. ex DC. (4)
C. scabrum L. var. *filiforme* (L.f.) Thunb. (4)
Perennial. Herb. Ht 0.04–0.35 m. Alt 100–1500 m. WC, EC

africanum L. subsp. **scabridum** (P.J.Bergius) Weitz var. **scabridum**
C. scabridum P.J.Bergius (4)
C. scabrum L. var. *scabrum* (4)
Perennial. Herb. Ht 0.04–0.35 m. Alt 75–1500 m. WC

congestum E.Mey. ex DC.
Perennial. Herb. Ht 0.2–0.7 m. Alt 700–1600 m. WC

cymosum E.Mey. ex DC.
Perennial. Herb. Ht 0.13–0.63 m. Alt 20–1000 m. WC

elsiae Weitz
Perennial. Herb. Ht 0.15–0.25 m. Alt 900–1500 m. WC

enerve Markötter
Perennial. Herb. Ht 0.13–0.52 m. Alt 5–800 m. WC

filiforme L.f. = **C. africanum** subsp. **scabridum** var. **gramineum**

fourcadei Hutch. = **C. africanum** subsp. **scabridum** var. **fourcadei**

glabrum L. var. **glabrum**
C. harveyanum Markötter (4)
C. latifolium Harv. (4)
C. nervosum Thunb. (4)
C. nervosum Thunb. var. *subulifolium* Harv. (4)
C. salteri Markötter (4)
Perennial. Herb. Ht 0.1–0.6 m. Alt? NC, WC, EC

glabrum L. var. **rogersii** (Markötter) Weitz
C. rogersii Markötter (4)
Perennial. Herb. Ht 0.12–0.3 m. Alt 300–1500 m. WC

gramineum Burm.f. = **C. africanum** subsp. **scabridum** var. **gramineum**

harveyanum Markötter = **C. glabrum** var. **glabrum**

hirsutum Eckl. ex DC. = **C. villosum**

hirtum Thunb. = **C. villosum**

latifolium Harv. = **C. glabrum** var. **glabrum**

laxum Compton subsp. **bolusii** Weitz
Perennial. Herb. Ht 0.2–0.35 m. Alt ± 1000 m. WC

laxum Compton subsp. **laxum**
Perennial. Herb. Ht 0.2–0.35 m. Alt 1000–1850 m. WC

luteum E.Mey. ex DC. = **C. africanum** subsp. **scabridum** var. **gramineum**

nervosum Thunb. = **C. glabrum** var. **glabrum**

nervosum Thunb. var. *subulifolium* Harv. = **C. glabrum** var. **glabrum**

rogersii Markötter = **C. glabrum** var. **rogersii**

salteri Markötter = **C. glabrum** var. **glabrum**

scabridum P.J.Bergius = **C. africanum** subsp. **scabridum** var. **scabridum**

scabrum L. var. *filiforme* (L.f.) Thunb. = **C. africanum** subsp. **scabridum** var. **gramineum**

scabrum L. var. *scabrum* = **C. africanum** subsp. **scabridum** var. **scabridum**

theileri Markötter
Perennial. Herb. Ht 0.14–0.3 m. Alt ± 700 m. WC

villosum L.f.
C. hirsutum Eckl. ex DC. (4)
C. hirtum Thunb. (1, 4)
Perennial. Herb. Ht 0.19–0.61 m. Alt 20–1600 m. WC

*COSMOS Cav. 9238000

Compiled by N. Netnou

(1) Cavanilles. 1791. *Icones et descriptions plantarum* 1: 10, 56.
(2) Wild. 1967. *Kirkia* 6: 13–34.
(3) Mabberley. 1987. *The plant book: a portable dictionary of the vascular plants*: 187.
(4) Bremer. 1994. *Asteraceae: cladistics and classification*: 615.

bipinnatus Cav.
Bidens formosa (Bonato) Sch.Bip. (3)
Annual. Herb. Ht 0.4–2.5 m. Alt up to 2000 m. LIM, NW, G, M, FS, KZN

sulphureus Cav.
Bidens sulphurea (Cav.) Sch.Bip. (3)
Annual. Herb. Ht up to 2 m. Alt ± 60 m. KZN

COTULA L. 9351000

Compiled by P.P.J. Herman

(1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 892.
(2) Linnaeus. 1782. *Supplementum plantarum*: 377.
(3) Persoon. 1807. *Synopsis plantarum* 2: 465.
(4) Lessing. 1832. *Synopsis generum Compositarum*: 261.
(5) Candolle. 1838. *Prodromus* 6: 82, 83.
(6) Koch. 1843. *Botanische Zeitung* 1: 40.
(7) Harvey. 1865. *FC* 3: 177–186.
(8) Kuntze. 1898. *Revisio generum plantarum* 3: 142.
(9) Bolus. 1898. *Botanische Jahrbücher* 24: 458.
(10) Schinz. 1900. *Mémoires de l'Herbier Boissier* 20: 36.
(11) Schlechter. 1900. *Botanische Jahrbücher* 27: 209, 210.
(12) Moore. 1902. *Journal of Botany, London* 40: 381.
(13) Muschler. 1910. *Botanische Jahrbücher* 44: 123.
(14) Bolus. 1925. *Annals of the Bolus Herbarium* 4: 15.
(15) Levyns. 1941. *Journal of South African Botany* 7: 131–133.
(16) Compton. 1941. *Journal of South African Botany* 7: 189–191.
(17) Compton. 1944. *Journal of South African Botany* 10: 124, 125.
(18) Hutchinson. 1946. *A botanist in southern Africa*: 148, 149.
(19) Levyns. 1950. *Flora of the Cape Peninsula*: 805–807.
(20) Phillips. 1950. *Journal of South African Botany* 16: 21.
(21) Compton. 1953. *Journal of South African Botany* 19: 112.
(22) Hilliard & Burtt. 1970. *Notes from the Royal Botanic Garden Edinburgh* 30: 118–120.
(23) Hilliard & Burtt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 332–335.
(24) Hilliard. 1977. *Compositae in Natal*: 350–357.
(25) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 161, 162.
(26) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 157–159.
(27) Herman. 1995. *Bothalia* 25: 244, 245.
(28) Goldblatt & Manning. 2000. *Strelitzia* 9: 314, 315.

andreae (E.Phillips) K.Bremer & Humphries
Matricaria andreae E.Phillips (26)
Annual or perennial. Herb. Ht 0.05–0.15 m. Alt 1800–2200 m. WC

anthemoides L.
C. microcephala DC. (24)
Annual. Herb. Ht 0.05–0.3 m. Alt 115–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

australis (Spreng.) Hook.f.
Anacyclus australis Spreng. (24)
Annual. Herb. Ht 0.04–0.2 m. Alt 3–1280 m. LIM, NW, G, M, FS, KZN, L, WC, EC

barbata DC.
Annual. Herb. Ht 0.06–0.25 m. Alt 105–1140 m. NC, WC

bicolor Roth = **Dichrocephala integrifolia** subsp. **integrifolia**

bipinnata Thunb.
C. oxyodonta DC. (7)
Annual or perennial. Herb. Ht 0.05–0.3 m. Alt 90–825 m. NC, WC

bracteolata E.Mey. ex DC.
Annual? Herb. Length? Alt? WC

burchellii DC.
Annual or perennial. Herb. Ht 0.06–0.3 m. Alt 1100–1310 m. NW, FS, NC, EC

ceniifolia DC.
Annual, occ. perennial. Herb. Ht 0.1–0.2 m. Alt 120–745 m. WC

coronopifolia L.
Annual or perennial. Herb, helophyte. Ht 0.03–0.5 m. Alt 0–2000 m. N, G, NC, WC, EC

dielsii Muschl.
Biennial or perennial. Herb. Ht 0.15–0.2 m. Alt ± 750 m. NC

duckittiae (L.Bolus) K.Bremer & Humphries
Cenia duckittiae L.Bolus (26)
Cenia expansa Compton (26)
Annual. Herb. Ht 0.15–0.5 m. Alt 6–50 m. WC

eckloniana (DC.) Levyns
Otochlamys eckloniana DC. (19, 26)
Annual. Herb. Ht 0.05–0.15 m. Alt 0–15 m. WC

filifolia Thunb.
Annual. Herb, tenagophyte. Ht 0.05–0.25 m. Alt 5–215 m. NC, WC

globifera Thunb. = **Oncosiphon piluliferum**

heterocarpa DC.
Annual. Herb. Ht 0.12–0.3 m. Alt 0–2250 m. WC, EC

hispida (DC.) Harv.
Tanacetum hispidum DC. (7)
Perennial. Herb. Ht 0.15–0.4 m. Alt 300–3230 m. G, M, FS, KZN, L, EC

laxa DC.
Annual. Herb. Ht 0.05–0.2 m. Alt 610–915 m. NC

leptalea DC.
Annual. Herb. Ht 0.02–0.3 m. Alt 195–2750 m. KZN, NC, WC

lineariloba (DC.) Hilliard
C. sericea Thunb., naked name (23, 25)
Tanacetum linearilobum DC. (23, 24)
Perennial. Herb. Ht 0.03–0.4 m. Alt 1520–3250 m. KZN, L, WC, EC

loganii Hutch.
Annual. Herb. Ht ± 0.03 m. Alt? NC

macroglossa Bolus ex Schltr.
Annual. Herb. Ht 0.05–0.2 m. Alt 850–1341 m. WC

mariae K.Bremer & Humphries
Cenia pectinata DC. (26)
Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 0–700 m. WC, EC

melaleuca Bolus
Annual. Herb. Ht 0.015–0.4 m. Alt 700–980 m. WC

membranifolia Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1820–2450 m. KZN, EC

microcephala DC. = **C. anthemoides**

microglossa (DC.) O.Hoffm. & Kuntze ex Kuntze
Cenia albovillosa S.Moore (26)
Cenia microglossa DC. (26)
Annual. Herb. Ht 0.1–0.3 m. Alt 90–1985 m. NW, G, FS, NC, WC, EC

montana Compton
Perennial. Herb. Ht 0.05–0.1 m. Alt 1500–2050 m. WC

multifida DC. = **C. villosa**

myriophylloides Harv.
Annual. Herb, hydrophyte, vittate. Ht/Length up to 0.05 m. Alt 0–15 m. WC

nigellifolia (DC.) K.Bremer & Humphries var. **nigellifolia**
Matricaria nigellifolia DC. var. *nigellifolia* (26)
Sphaeroclinium nigellifolium (DC.) Sch.Bip. (26)
Annual or perennial. Herb, hydrophyte. Length up to 0.6 m. Alt 0–1500 m. LIM, NW, G, M, KZN, WC, EC

nigellifolia (DC.) K.Bremer & Humphries var. **tenuior** (DC.) P.P.J.Herman
Matricaria nigellifolia DC. var. *tenuior* DC. (27)
Annual or perennial. Herb, hydrophyte. Length 0.15–0.3 m. Alt 0–1310 m. KZN, EC

nudicaulis Thunb.
Cenia discoidea Less. (7)
Annual. Herb. Ht 0.03–0.25 m. Alt 240–1524 m. NC, WC

oxyodonta DC. = **C. bipinnata**

paludosa Hilliard
Perennial. Herb, hyperhydate/tenagophyte. Ht 0.03–0.18 m. Alt 2600–3230 m. KZN, L, EC

paradoxa Schinz
Annual? Herb. Ht ± 0.11 m. Alt ± 150 m. WC

pedicellata Compton
Annual. Herb. Ht 0.18–0.3 m. Alt 150–650 m. NC, WC

pedunculata (Schltr.) E.Phillips
Otochlamys pedunculata Schltr. (20)
Annual. Herb. Ht 0.03–0.1 m. Alt ± 460 m. WC

pilulifera L.f. = **Oncosiphon piluliferum**

pterocarpa DC.
Annual? Herb. Ht? Alt? WC

pusilla Thunb.
Annual. Herb. Ht 0.025–0.15 m. Alt 75–305 m. WC

quinquefida Thunb. = **Pentzia quinquefida**

quinqueloba L.f. = **Lidbeckia quinqueloba**

radicalis (Killick & C.Claassen) Hilliard & B.L.Burtt
Schistostephium radicale Killick & C.Claassen (22, 24)
Perennial. Herb. Ht 0.05–0.25 m. Alt 2440–3355 m. KZN, L

sericea L.f.
Cenia sericea (L.f.) DC. (26)
Perennial. Suffrutex. Ht 0.05–0.3 m. Alt 3–200 m. WC, EC

sericea Thunb., naked name = **C. lineariloba**

socialis Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 1900–3050 m. KZN, L, EC

sororia DC.
Annual. Herb. Ht 0.03–0.15 m. Alt 45–1570 m. NC, WC, EC

tanacetifolia L. = **Oncosiphon suffruticosum**

tenella E.Mey. ex DC.
Annual. Herb. Ht 0.04–0.1 m. Alt 540–765 m. N, NC, WC

thunbergii Harv.
Annual. Herb. Ht 0.025–0.25 m. Alt 100–120 m. NC, WC

turbinata L.
Cenia turbinata (L.) Pers. (26)
Annual. Herb. Ht 0.05–0.5 m. Alt 0–1100 m. WC, EC

umbellata L.f. = **Schistostephium umbellatum**

villosa DC.
C. multifida DC. (26)
Annual. Herb. Ht 0.3–0.5 m. Alt 15–460 m. WC, EC

vulgaris Levyns
Annual. Herb, tenagophyte. Ht 0.15–0.5 m. Alt ± 30 m. WC

zeyheri Fenzl
Annual. Herb. Ht 0.04–0.1 m. Alt 15–1310 m. NC, WC, EC

CRASSOCEPHALUM Moench 9405010

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 45, 46.
(2) Hilliard. 1977. *Compositae in Natal*: 368–372.
(3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 295.
(4) Jeffrey. 1986. *Kew Bulletin* 41: 904–908.
(5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 273, 274.

bojeri (DC.) Robyns = **Solanecio angulatus**

cernuum (L.f.) Moench = **C. rubens**

coeruleum (O.Hoffm.) R.E.Fr.
Gynura coerulea O.Hoffm. (1)
Annual. Herb. Ht 0.2–1 m. Alt 366–1460 m. N

crepidioides (Benth.) S.Moore
Gynura crepidioides Benth. (2, 4)
Annual. Herb. Ht 0.4–1.2 m. Alt 5–1830 m. LIM, M, S, KZN, EC

flavum Decne. = **Senecio flavus**

×**picridifolium** (DC.) S.Moore
Gynura picridifolia (DC.) Burtt Davy (4)
Senecio picridifolius DC. (4)
Perennial. Herb. Ht 0.3–1 m. Alt 5–1675 m. N, B, LIM, NW, G, M, S, KZN, EC

rubens (Juss. ex Jacq.) S.Moore
C. cernuum (L.f.) Moench (2)
Gynura cernua (L.f.) Benth. (2)
Gynura rubens (Jacq.) Muschl. (2)
Senecio cernuus L.f. (2, 4)
Senecio rubens Juss. ex Jacq. (2, 4)
Perennial. Herb. Ht 0.76–1 m. Alt 2–1000 m. KZN

sarcobasis (DC.) S.Moore
Gynura sarcobasis DC. (3, 4)
Perennial. Herb. Ht? Alt 1000–1200 m. KZN

subscandens (A.Rich.) S.Moore = **Solanecio angulatus**

***CREPIS** L. 9605000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 633–635.
(2) Pope. 1992. *FZ* 6.1: 209–212.
(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 274, 275.
(4) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 66–73.

capillaris (L.) Wallr.
C. virens L. (1)
Lapsana capillaris L. (1)
Annual. Herb. Ht up to 0.9 m. Alt 1200–1400 m. KZN, EC

hypochaeridea (DC.) Thell.
Anisoramphus hypochaerideus DC. (4)
C. hypochaeridea (DC.) Thell. var. *genuina* Thell. (1, 2)
C. hypochaeridea (DC.) Thell. var. *junodiana* Thell. (1, 2)
C. hypochaeridea (DC.) Thell. var. *woodii* Thell. (1, 2)
C. polyodon (Fr.) E.Phillips (1)
Hieracium polyodon Fr. (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 350–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

hypochaeridea (DC.) Thell. var. *genuina* Thell. = **C. hypochaeridea**

hypochaeridea (DC.) Thell. var. *junodiana* Thell. = **C. hypochaeridea**

hypochaeridea (DC.) Thell. var. *woodii* Thell. = **C. hypochaeridea**

japonica (L.) Benth. = **Youngia japonica**

polyodon (Fr.) E.Phillips = **C. hypochaeridea**

virens L. = **C. capillaris**

CROCODILODES Kuntze 9438040

annectens (Harv.) Kuntze = **Berkheya annectens**

chamaepeuce S.Moore = **Berkheya chamaepeuce**

coriaceum (Harv.) Kuntze = **Berkheya coriacea**

dregei (Harv.) Kuntze = **Berkheya dregei**

eryngiifolium (Less.) Kuntze = **Heterorhachis aculeata**

harveyanum Kuntze = **Berkheya seminivea**

palmatum (Thunb.) Kuntze = **Heterorhachis aculeata**

pinnatum (Thunb.) Kuntze = **Heterorhachis aculeata**

setiferum (DC.) Kuntze = **Berkheya setifera**

subulatum (Harv.) Kuntze = **Berkheya subulata** var. **subulata**

umbellatum (DC.) Kuntze = **Berkheya umbellata**

CRYPTOSTEMMA R.Br. 9432060

calendulaceum (L.) R.Br. = **Arctotheca calendula**

forbesianum (DC.) Harv. = **Arctotheca forbesiana**

CULLUMIA R.Br. ex Aiton 9437000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 271–304.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 315, 316.

aculeata (Houtt.) Roessler var. **aculeata**
Basteria aculeata Houtt. (1)
Berkheya hispida (L.f.) Willd. (1)
C. hispida (L.f.) Less. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 113–1450 m. WC

aculeata (Houtt.) Roessler var. **sublanata** (DC.) Roessler
C. sublanata DC. (1)
Perennial. Shrub, dwarf shrub, sprawling. Ht 0.2–1 m. Alt 200–1525 m. WC

adnata DC. = **C. setosa** var. **adnata**

bisulca (Thunb.) Less.
Berkheya bisulca (Thunb.) Willd. (1)
Rohria bisulca Thunb. (1)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–1405 m. NC, WC

carlinoides DC.
C. cirsioides DC. var. *carlinoides* (DC.) Harv. (1)
Perennial. Shrub. Ht ± 1 m. Alt 60–550 m. WC

ciliaris (L.) R.Br. subsp. **angustifolia** (Hutch.) Roessler
C. ciliaris (L.) R.Br. var. *angustifolia* Hutch. (1)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 170–730 m. WC

ciliaris (L.) R.Br. subsp. **ciliaris**
Berkheya ciliaris (L.) Willd. (1)
Gorteria ciliaris L. (1)
Perennial. Dwarf shrub, sprawling. Ht 0.35–0.5 m. Alt 60–787 m. WC

ciliaris (L.) R.Br. var. *angustifolia* Hutch. = **C. ciliaris** subsp. **angustifolia**

cirsioides DC.
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 60–1150 m. WC, EC

cirsioides DC. var. *carlinoides* (DC.) Harv. = **C. carlinoides**

decurrens Less.
C. reflexa Sch.Bip. (1)
Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 151–915 m. WC, EC

floccosa E.Mey. ex DC.
Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt ± 190 m. WC

hispida (L.f.) Less. = **C. aculeata** var. **aculeata**

massoni S.Moore = **C. pectinata**

micracantha DC.
C. obovata E.Mey. ex DC. (1)
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 200 m. WC

obovata E.Mey. ex DC. = **C. micracantha**

patula (Thunb.) Less. subsp. **patula**
Berkheya patula (Thunb.) Willd. (1)
Rohria patula Thunb. (1)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 455–915 m. WC, EC

patula (Thunb.) Less. subsp. **uncinata** Roessler
Perennial. Shrub, dwarf shrub. Ht 0.25–1.3 m. Alt 61–1000 m. WC

pectinata (Thunb.) Less.
Berkheya pectinata (Thunb.) Willd. (1)
C. massoni S.Moore (1)
Rohria pectinata Thunb. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 765–1250 m. NC

reflexa Sch.Bip. = **C. decurrens**

rigida DC.
Perennial. Shrub. Ht 0.6–1.2 m. Alt 780–1660 m. NC, WC

selago Roessler
Perennial. Shrub, dwarf shrub. Ht up to 0.2 m. Alt ± 300 m. WC

setosa (L.) R.Br. var. **adnata** (DC.) Harv.
C. adnata DC. (1)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 200 m. WC

setosa (L.) R.Br. var. **araneosa** Roessler
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 500–700 m. WC

setosa (L.) R.Br. var. **microcephala** Roessler
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 70–1700 m. WC

setosa (L.) R.Br. var. **setosa**
Berkheya setosa (L.) Willd. (1)
Gorteria setosa L. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt 5–1371 m. WC

setosa Sieber ex DC. = **Polyarrhena reflexa** subsp. **reflexa**

squarrosa (L.) R.Br.
Berkheya squarrosa (L.) Willd. (1)
Gorteria squarrosa L. (1)
Perennial. Dwarf shrub, sprawling. Ht ± 0.3 m. Alt 70–200 m. WC

stricta Compton = **C. sulcata** var. **sulcata**

sublanata DC. = **C. aculeata** var. **sublanata**

sulcata (Thunb.) Less. var. **intercedens** Roessler
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 200–1000 m. WC

sulcata (Thunb.) Less. var. **sulcata**
Berkheya sulcata (Thunb.) Willd. (1)
C. stricta Compton (1)
Rohria sulcata Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 245–1067 m. WC

CUSPIDIA Gaertn. 9438010

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 315–319.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 316.

cernua (L.f.) B.L.Burtt subsp. **annua** (Less.) Roessler
Didelta annua Less. (1)
Annual. Herb. Ht ± 0.15 m. Alt 590–1383 m. NC, EC

cernua (L.f.) B.L.Burtt subsp. **cernua**
Didelta cernua (L.f.) Less. (1)
Gorteria cernua L.f. (1)
Annual. Herb. Ht ± 0.2 m. Alt 5–610 m. EC

*CYANTHILLIUM Blume 8751050

Compiled by N. Netnou

(1) Robinson. 1990. *Proceedings of the Biological Society of Washington* 103: 248–253.
(2) Isawumi. 1995. *Compositae Newsletter* 26: 11–21.

cinereum (L.) H.Rob. var. **cinereum**
Conyza cinerea L. (2)
Vernonia cinerea (L.) Less. var. *cinerea* (2)
Annual. Herb. Ht up to 1.35 m. Alt 0–800 m. LIM, S, KZN

CYANUS Juss. 9476020

segetum Hill = **Centaurea cyanus**

CYATHOPAPPUS Sch.Bip. 9041010

metalasioides Sch.Bip. = **Elytropappus hispidus**

CYMBOPAPPUS B.Nord. 9341040

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 150–157.
(2) Nordenstam. 1987. *Opera Botanica* 92: 147.
(3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 308.

adenosolen (Harv.) B.Nord.
Chrysanthemum carnosulum DC. var. *filifolium* Harv. (1)
Marasmodes adenosolen Harv. (1)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 25–1370 m. WC

hilliardiae B.Nord.
Perennial. Shrub. Ht up to 0.5 m. Alt 1000–1500 m. EC

lasiopodus (Hutch.) B.Nord. = **C. piliferus**

piliferus (Thell.) B.Nord.
Chrysanthemum lasiopodum Hutch. (2)
C. lasiopodus (Hutch.) B.Nord. (2)
Matricaria pilifera Thell. (2)

Perennial. Herb. Ht 0.3–0.42 m. Alt 1500–2000 m. M

CYNARA L. 9463000

glomerata Thunb. = **Platycarpha glomerata**

CYPSELODONTIA DC. 9067000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 123, 124.

eckloniana DC.
Perennial. Suffrutex. Ht? Alt? EC

DELAIREA Lem. 9411090

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 491, 492.
(2) Jeffrey. 1986. *Kew Bulletin* 41: 933.
(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

odorata Lem.
Senecio mikanioides Otto ex Harv. (2)
Senecio scandens DC. (1)
Perennial. Herb, climber, succulent. Alt 365–1900 m. KZN, L, WC, EC

DENEKIA Thunb. 8949000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 117, 118.

capensis Thunb.
Amphidoxa glandulosa Klatt (1)
D. capensis Thunb. var. *latifolia* DC. (1)
D. capensis Thunb. var. *minor* DC. (1)
D. glabrata DC. (1)
Perennial. Herb. Ht 0.07–0.7 m. Alt 30–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC

capensis Thunb. var. *latifolia* DC. = **D. capensis**

capensis Thunb. var. *minor* DC. = **D. capensis**

glabrata DC. = **D. capensis**

DETRIS Adans. 8919040

barbata (DC.) Schltr. = **Felicia ovata**

dinteri S.Moore = **Felicia muricata** subsp. **cinerascens**

ericifolia (Forssk.) Hiern var. *anthemidodes* Hiern = **Felicia anthemidodes**

hyssopifolia (P.J.Bergius) Hiern var. *straminea* Hiern = **Felicia mossamedensis**

mossamedensis Hiern = **Felicia mossamedensis**

smaragdina S.Moore = **Felicia smaragdina**

smaragdina S.Moore var. *versicolor* S.Moore = **Felicia smaragdina**

tenella (L.) S.Moore = **Felicia tenella** subsp. **tenella**

DICEROTHAMNUS Koekemoer 9041020

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

adpressus (Harv.) Koekemoer
Elytropappus adpressus Harv. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 500–1700 m. WC, EC

rhinocerotis (L.f.) Koekemoer
Elytropappus cernuus (Thunb.) Fourc. (1)
Elytropappus rhinocerotis (L.f.) Less. (1)
Seriphium adpressum DC. (1)
Stoebe cernua Thunb. (1)
Stoebe cupressina Rchb. (1)
Stoebe rhinocerotis L.f. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.6 m. Alt 200–1900 m. NC, WC, EC

DICHROCEPHALA L'Hér. ex DC. 8866000

Compiled by P.P.J. Herman

(1) Fayed. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 491–512.

auriculata (Thunb.) Druce = **D. integrifolia** subsp. **integrifolia**

capensis (Less.) DC. = **D. integrifolia** subsp. **integrifolia**

integrifolia (L.f.) Kuntze subsp. **integrifolia**
Cotula bicolor Roth (1)
D. auriculata (Thunb.) Druce (1)
D. capensis (Less.) DC. (1)
D. latifolia (Lam.) DC. (1)
Ethulia auriculata Thunb. (1)
Grangea latifolia Lam. (1)
Hippia bicolor (Roth) Smith (1)
Hippia integrifolia L.f. (1)
Annual. Herb. Ht 0.2–1 m. Alt 15–1830 m. LIM, NW, G?, M, S, KZN, WC, EC

latifolia (Lam.) DC. = **D. integrifolia** subsp. **integrifolia**

DICOMA Cass. 9501000

Compiled by N. Netnou & P.P.J. Herman

(1) Wilson. 1923. *Kew Bulletin* 1923: 377–388.
(2) Compton. 1932. *Journal of Botany* 70: 286.
(3) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 263, 264.
(4) Schweickerdt. 1935. *Kew Bulletin* 1935: 206, 207.
(5) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 625.
(6) Merxmüller. 1967. *FSWA* 139: 47–51.
(7) Wild. 1972. *Kirkia* 8: 178–192.
(8) Hilliard. 1977. *Compositae in Natal*: 582–586.
(9) Pope. 1991. *Kew Bulletin* 46: 699–709.
(10) Pope. 1992. *FZ* 6,1: 29–44.
(11) Ortíz & Rodriguez-Oubiña. 1996. *Nordic Journal of Botany* 16: 583, 584.
(12) Ortíz & Pulgar. 2000. *Nordic Journal of Botany* 20: 347–351.
(13) Ortíz. 2001. *Taxon* 50: 733–744.
(14) Ortíz & Pulgar. 2002. *Botanical Journal of the Linnean Society* 139,3: 317–322.

anomala in sense of Wild, misapplied name = **D. anomala** subsp. **gerrardii**

anomala Sond. subsp. **anomala**
D. anomala Sond. subsp. *cirsioides* (Harv.) Wild (9)
D. anomala Sond. var. *cirsioides* Harv. (9)
D. anomala Sond. var. *latifolia* O.Hoffm. (10)
D. anomala Sond. var. *sonderi* Harv. (10)
Perennial. Herb, prostrate. Length up to 0.3 m. Alt 152–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

anomala Sond. subsp. *cirsioides* (Harv.) Wild = **D. anomala** subsp. **anomala**

anomala Sond. subsp. **gerrardii** (Harv. ex F.C.Wilson) S.Ortíz & Rodr.Oubiña
D. anomala in sense of Wild, misapplied name (10)
D. anomala Sond. var. *microcephala* Harv. (10)
D. gerrardii Harv. ex F.C.Wilson (11)
Perennial. Herb. Ht 0.1–0.4 m. Alt up to 2335 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

anomala Sond. var. *cirsioides* Harv. = **D. anomala** subsp. **anomala**

anomala Sond. var. *latifolia* O.Hoffm. = **D. anomala** subsp. **anomala**

anomala Sond. var. *microcephala* Harv. = **D. anomala** subsp. **gerrardii**

anomala Sond. var. *sonderi* Harv. = **D. anomala** subsp. **anomala**

arenaria Bremek.
Perennial. Herb, prostrate. Length up to 0.3 m. Alt ± 1600 m. B, LIM

arenicola Muschl. ex Dinter = **D. schinzii**

argyrophylla Oliv. = **Macledium zeyheri** subsp. **argyrophyllum**

burmanii (Cass.) Less., illegitimate name = **Macledium spinosum**

capensis Less.
Perennial. Herb, prostrate. Length up to 0.6 m. Alt 155–1385 m. N, B, S, NC, WC

cuneneensis Wild
Perennial. Herb, prostrate. Length up to 0.4 m. Alt? N

diacanthoides Less. = **Macledium spinosum**

dinteri S.Moore
D. flexuoides Muschl. ex Dinter (6)
D. flexuosa Dinter & Muschl. (6)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 2200 m. N

flexuoides Muschl. ex Dinter = **D. dinteri**

flexuosa Dinter & Muschl. = **D. dinteri**

fruticosa Compton
Perennial. Shrub. Ht up to 1 m. Alt ± 762 m. WC

galpinii Wilson
Perennial. Shrub or bushy herb. Ht up to 0.9 m. Alt 855–1465 m. N, LIM, M

gerrardii Harv. ex F.C.Wilson = **D. anomala** subsp. **gerrardii**

kirkii Harv. subsp. *kirkii* = **Macledium kirkii** subsp. **kirkii**

kirkii Harv. var. *microcephala* S.Moore = **Macledium zeyheri** subsp. **zeyheri**

lanata Muschl. ex Dinter = **D. schinzii**

latifolia DC. = **Macledium latifolium**

macrocephala DC.
Perennial. Herb, procumbent. Length up to 0.2 m. Alt 550–2745 m. N, B, LIM, NW, G, FS, KZN, NC, EC

marlothiana Muschl. ex Dinter = **D. nachtigallii**

membranacea S.Moore = **Macledium sessiliflorum** subsp. **sessiliflorum** var. **membranaceum**

montana Schweick.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1645 m. LIM

nachtigallii O.Hoffm.
D. marlothiana Muschl. ex Dinter (6)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1500 m. N

obconica S.Ortíz & Pulgar
Perennial. Subshrub. Ht ± 1 m. Alt? N

picta (Thunb.) Druce
D. radiata Less. (1)
Leysera picta Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 520–1020 m. WC, EC

pretoriensis C.A.Sm. = **Macledium pretoriense**

prostrata Schweick.
Perennial. Herb, prostrate. Length up to 0.3 m. Alt ± 1733 m. LIM

radiata Less. = **D. picta**

ramosissima Klatt = **Pteronia acuminata**

relhanioides Less. = **Macledium relhanioides**

schinzii O.Hoffm.
D. arenicola Muschl. ex Dinter (6)
D. lanata Muschl. ex Dinter (6)
Perennial. Herb, prostrate. Length up to 0.3 m. Alt 550–1900 m. N, B, LIM, NW, FS, NC

seitziana Dinter = **Pteronia eenii**

sessiliflora Harv. subsp. *sessiliflora* var. *membranacea* (S.Moore) S.Ortiz & Rodr.Oubiña = **Macledium sessiliflorum** subsp. **sessiliflorum** var. **membranaceum**

speciosa DC. = **Macledium speciosum**

spinosa (L.) Druce = **Macledium spinosum**

swazilandica S.Ortíz, Rodr.Oubiña & Pulgar
Perennial. Herb. Ht ± 0.63 m. Alt ± 1685 m. M, S

thyrsiflora (Klatt) Thell. & Schinz = **Macledium zeyheri** subsp. **zeyheri**

tomentosa Cass.
Annual. Herb or shrublet. Ht up to 1 m. Alt 305–1525 m. N, B, LIM, M

zeyheri Sond. subsp. *argyrophylla* (Oliv.) G.V.Pope = **Macledium zeyheri** subsp. **argyrophyllum**

zeyheri Sond. subsp. *zeyheri* = **Macledium zeyheri** subsp. **zeyheri**

zeyheri Sond. var. *thyrsiflora* Klatt = **Macledium zeyheri** subsp. **zeyheri**

DIDELTA L'Hér. 9439000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 304–312.
(2) Merxmüller. 1967. *FSWA* 139: 51–53.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 317.

annua Less. = **Cuspidia cernua** subsp. **annua**

capensis Lam. = **D. carnosa** var. **carnosa**

carnosa (L.f.) Aiton var. **carnosa**
D. capensis Lam. (1)
D. obtusifolia Cass. (1)
D. tetragoniaefolia L'Hér. (2)
Distegia acida Klatt (2)
Polymnia carnosa L.f. (1)
Perennial. Dwarf shrub. Ht 0.1–0.55 m. Alt 2–1000 m. N, NC, WC

carnosa (L.f.) Aiton var. **tomentosa** (Less.) Roessler
D. tomentosa Less. (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–600 m. N, NC, WC

cernua (L.f.) Less. = **Cuspidia cernua** subsp. **cernua**

obtusifolia Cass. = **D. carnosa** var. **carnosa**

spinosa (L.f.) Aiton
Polymnia spinosa L.f. (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 100–1250 m. N, NC, WC

tetragoniaefolia L'Hér. = **D. carnosa** var. **carnosa**

tomentosa Less. = **D. carnosa** var. **tomentosa**

DIMORPHOTHECA Vaill. ex Moench 9425000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 256, 257, 357.
(2) Candolle. 1838. *Prodromus* 6: 71, 72.
(3) Harvey. 1862. *Curtis's Botanical Magazine* 88: t. 5337.
(4) Harvey. 1865. *FC* 3: 417–424.
(5) Schlechter. 1897. *Journal of Botany, London* 35: 220.
(6) Hutchinson. 1917. *Annals of the South African Museum* 9: 415.
(7) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 57.
(8) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 200.
(9) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 205.
(10) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 246.
(11) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 347.
(12) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 629.
(13) Norlindh. 1943. *Studies in the Calenduleae*: 38–97, 237–263.
(14) Norlindh. 1954. *Svensk Botanisk Tidskrift* 48: 148–154.
(15) Henderson. 1957. *The Flowering Plants of Africa* 32: t. 1249.
(16) Merxmüller. 1967. *FSWA* 139: 53–55.
(17) Norlindh. 1980. *Botaniska Notiser* 133: 559–563.
(18) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.
(19) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

acutifolia Hutch.
Calendula scabra P.J.Bergius (13, 14, 18)
D. scabra DC. (13, 14, 18)
D. tragus DC. (13, 14)
Osteospermum acutifolium (Hutch.) Norl. (18)
Osteospermum pulchrum Norl. (14, 18)
Perennial. Suffrutex. Ht up to 0.5 m. Alt 100–1500 m. WC

annua Less. = **D. pluvialis**

aurantiaca DC. = **D. tragus**

aurantiaca Hort., not of DC. = **D. sinuata**

barberae Harv.
D. lilacina Regel & Herder (13, 18)
Osteospermum barberae (Harv.) Norl. (18)
Perennial. Herb. Ht 0.2–0.6 m. Alt 0–500 m. EC

calendulacea Harv. = **D. sinuata**

calendulacea Harv. var. *dubia* E.Phillips = **D. pluvialis** × **D. sinuata**

caulescens (Harv.) Harv.
D. dekindtii O.Hoffm. (13, 18)
Osteospermum caulescens Harv. (18)
Perennial. Herb. Ht 0.1–0.4 m. Alt 1200–2100 m. LIM, G, M, S, FS, KZN, L, EC

chrysanthemifolia (Vent.) DC.
Calendula chrysanthemifolia Vent. (13)
Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 400–950 m. WC

cuneata (Thunb.) Less.
Arctotis glutinosa Sims (13)
Calendula cuneata Thunb. (13)
Calendula viscosa H.C.Andrews (13)
Perennial. Shrub. Ht 0.09–1 m. Alt 20–1917 m. B?, NW, FS, NC, WC, EC

dekindtii O.Hoffm. = **D. caulescens**

dentata (DC.) Harv. = **D. sinuata**

dregei DC. var. **dregei**
Osteospermum dregei (DC.) Norl. var. *dregei* (18)
Perennial. Herb or suffrutex. Ht 0.1–0.2 m. Alt 50–1200 m. WC

dregei DC. var. **reticulata** (Norl.) B.Nord.
Osteospermum dregei (DC.) Norl. var. *reticulatum* Norl. (18)
Perennial. Herb or suffrutex. Ht 0.1–0.2 m. Alt 150–200 m. WC

ecklonis DC.
Osteospermum ecklonis (DC.) Norl. (18)
Perennial. Shrub or suffrutex. Ht up to 1 m. Alt 200–350 m. EC

ecklonis Harv. in part = **D. spectabilis**

flaccida (Vent.) Thell. = **D. tragus**

fruticosa (L.) Less.
Blaxium decumbens Cass. (13, 18)
Calendula diffusa Salisb. (13, 18)
Calendula fruticosa L. (13, 18)
Osteospermum fruticosum (L.) Norl. (18)
Osteospermum riparium O.Hoffm. (13, 18)
Perennial. Herb or suffrutex, succulent. Length 0.3–0.6 m. Alt 0–50 m. KZN, WC, EC

graminifolia DC. = **D. nudicaulis** var. **graminifolia**

hybrida (L.) DC. = **D. pluvialis**

incrassata Moench = **D. pluvialis**

integrifolia (DC.) Harv. = **D. sinuata**

jucunda E.Phillips
Osteospermum jucundum (E.Phillips) Norl. (18)
Perennial. Herb. Ht 0.2–0.5 m. Alt 1000–3300 m. LIM, G?, M, S, FS, KZN, L, EC

leptocarpa DC. = **D. pluvialis**

lilacina Regel & Herder = **D. barberae**

montana Norl.
Perennial. Herb. Ht up to 0.15 m. Alt 1500–2300 m. WC

montana Norl. var. *amoena* Norl. = **D. venusta** var. **amoena**

montana Norl. var. *venusta* Norl. = **D. venusta** var. **venusta**

multifida DC. = **Garuleum bipinnatum**

nervosa Hutch. = **Osteospermum striatum**

nudicaulis (L.) DC. var. **graminifolia** (DC.) Harv.
Arctotis tenuifolia Poir. (13, 18)
Calendula graminifolia L. (13, 18)
Castalis nudicaulis (L.) Norl. var. *graminifolia* (L.) Norl. (18)
D. graminifolia DC. (13, 18)
Perennial. Herb. Ht 0.1–0.3 m. Alt 100–600 m. WC

nudicaulis (L.) DC. var. *kraussii* Sch.Bip. = **D. nudicaulis** var. **nudicaulis**

nudicaulis (L.) DC. var. **nudicaulis**
Calendula nudicaulis L. (13, 18)
Castalis nudicaulis (L.) Norl. var. *nudicaulis* (18)
D. nudicaulis (L.) DC. var. *kraussii* Sch.Bip. (13, 18)
Perennial. Herb. Ht 0.1–0.3 m. Alt 60–2000 m. WC

nudicaulis of author, not of DC.; Dinter, concept invalid = **D. pluvialis**

pinnata (Thunb.) Harv. = **Osteospermum pinnatum** var. **pinnatum**

pluvialis (L.) Moench
Calendula decurrens Thunb. (13)
Calendula hybrida L. (13)
Calendula pluvialis L. (13, 16)
Calendula versicolor Salisb. (13)
D. annua Less. (13, 16)
D. hybrida (L.) DC. (13)
D. incrassata Moench (13)
D. leptocarpa DC. (13)
D. nudicaulis of author, not of DC.; Dinter, concept invalid (16)
Annual. Herb. Ht 0.1–0.5 m. Alt 20–1190 m. N, NC, WC

pluvialis (L.) Moench × **D. sinuata** DC.
D. calendulacea Harv. var. *dubia* E.Phillips (13)
Annual. Herb. Ht up to 0.22 m. Alt 50–1153 m. N, NC, WC

polyptera DC.
Osteospermum psammophilum Klatt (13, 16)
Annual, occ. perennial. Herb. Length 0.03–0.5 m. Alt 470–1700 m. N, NC

pseudo-aurantiaca Schinz & Thell. = **D. sinuata**

scabra DC. = **D. acutifolia**

sinuata DC.
Acanthotheca integrifolia DC. (13)
D. aurantiaca Hort., not of DC. (13)
D. calendulacea Harv. (13, 16)
D. dentata (DC.) Harv. (13)
D. integrifolia (DC.) Harv. (13)
D. pseudo-aurantiaca Schinz & Thell. (13, 16)
Annual. Herb. Ht 0.1–0.3 m. Alt 15–1525 m. N, NC, WC

spectabilis Schltr.
Castalis spectabilis (Schltr.) Norl. (18)
D. ecklonis Harv. in part (13, 18)
Perennial. Herb. Ht 0.2–0.4 m. Alt 1200–2000 m. LIM, NW, G, M

tragus (Aiton) B.Nord.
Calendula flaccida Vent. (13, 18)
Calendula tragus Aiton (13, 18)
Calendula tragus Aiton var. *flaccida* (Vent.) Pers. (13, 18)
Castalis tragus (Aiton) Norl. var. *pinnatifida* Norl. (18)
Castalis tragus (Aiton) Norl. var. *tragus* (13, 18)
Castalis ventenati Cass. (13, 18)
D. aurantiaca DC. (13, 18)
D. flaccida (Vent.) Thell. (13, 18)
Perennial. Herb. Ht 0.2–0.3 m. Alt 1200–1900 m. NC, WC

tragus DC. = **D. acutifolia**

venusta (Norl.) Norl. var. **amoena** (Norl.) Norl.
D. montana Norl. var. *amoena* Norl. (17)
Perennial. Herb. Length up to 0.6 m. Alt 1500–2000 m. WC

venusta (Norl.) Norl. var. **venusta**
D. montana Norl. var. *venusta* Norl. (17)
Perennial. Herb. Length up to 1 m. Alt 600–1800 m. WC

walliana (Norl.) B.Nord.
Osteospermum wallianum Norl. (18)
Perennial. Shrub or suffrutex. Ht up to 0.3 m. Alt? WC

zeyheri Sond.
Perennial. Herb. Ht 0.05–0.3 m. Alt 155–2835 m. NW, FS, L, NC, EC

DIPLOPAPPUS Cass. 8900010

asper Less. = **Aster bakerianus**

asper Less. var. *pleiocephalus* Harv. = **Aster pleiocephalus**

elongatus DC. = **Felicia filifolia** subsp. **schlechteri**

extenuatus (Nees) DC. = **Felicia fruticosa** subsp. **fruticosa**

filifolius (Vent.) DC. = **Felicia filifolia** subsp. **filifolia**

filifolius (Vent.) DC. var. *elongatus* (DC.) Harv. = **Felicia filifolia** subsp. **schlechteri**

filifolius (Vent.) DC. var. *teretifolius* (Less.) DC. = **Felicia filifolia** subsp. **filifolia**

fruticosus (L.) Levyns = **Felicia fruticosa** subsp. **fruticosa**

fruticulosus (Willd.) Less. = **Felicia fruticosa** subsp. **fruticosa**

laevigatus Sond. = **Aster laevigatus**

natalensis Sch.Bip. = **Aster bakerianus**

serrulatus Harv. = **Aster harveyanus**

teretifolius Less. = **Felicia filifolia** subsp. **filifolia**

DIPLOSTEMMA Steud. 9090020

alatum DC. = **Geigeria alata**

DIPLOSTEPHIUM DC. 8900020

extenuatum Nees = **Felicia fruticosa** subsp. **fruticosa**

filifolium (Vent.) Nees = **Felicia filifolia** subsp. **filifolia**

fruticulosum (Willd.) Nees = **Felicia fruticosa** subsp. **fruticosa**

longipes Cass. = **Felicia fruticosa** subsp. **fruticosa**

teretifolium (Less.) Nees = **Felicia filifolia** subsp. **filifolia**

DISPARAGO Gaertn. 9039000

Compiled by M. Koekemoer

(1) Koekemoer. 1993. *Bothalia* 23: 197–206.
(2) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

anomala Schltr. ex Levyns
Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 0–500 m. WC

barbata Koekemoer = **Monticapra barbata**

ericoides of author, not of (P.J.Bergius) Gaertn. = **Gongyloglossa tortilis**

ericoides (P.J.Bergius) Gaertn.
D. hoffmanniana Schltr. (1)
D. lasiocarpa Cass. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 0–600 m. WC

gomphrenoides Sch.Bip. = **Myrovernix gnaphaloides**

gongylodes Koekemoer = **Monticapra gongylodes**

hoffmanniana Schltr. = **D. ericoides**

kolbei (Bolus) Hutch. = **Laevicarpa kolbei**

kraussii Sch.Bip.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 0–300 m. WC

lasiocarpa Cass. = **D. ericoides**

laxifolia DC.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–600 m. WC

pilosa Koekemoer = **Monticapra pilosa**

rosea Hutch. = **Laevicarpa kolbei**

tortilis (DC.) Sch.Bip. = **Gongyloglossa tortilis**

DISTEGIA Klatt 9439010

acida Klatt = **Didelta carnosa** var. **carnosa**

DISTEPHANUS Cass. 8751020

Compiled by N. Netnou

(1) Robinson & Kahn. 1986. *Proceedings of the Biological Society of Washington* 99,3: 493–501.

angolensis (O.Hoffm.) H.Rob. & B.Kahn
Antunesia angolensis (O.Hoffm.) O.Hoffm. (1)
Gongrothamnus angolensis (O.Hoffm.) Hiern (1)
Newtonia angolensis O.Hoffm. (1)
Vernonia angolensis (O.Hoffm.) N.E.Br. (1)
Vernonia lutea N.E.Br. (1)
Perennial. Shrub. Ht up to 2 m. Alt up to 1850 m. N

angulifolius (DC.) H.Rob. & B.Kahn
Vernonia angulifolia DC. (1)
Perennial. Shrub, scandent or climber. Ht 1–6 m. Alt 10–500 m. KZN, EC

anisochaetoides (Sond.) H.Rob. & B.Kahn
Vernonia anisochaetoides Sond. (1)
Perennial. Climbing shrub. Ht up to 3 m. Alt 0–1518 m. S, KZN, EC

divaricatus (Steetz) H.Rob. & B.Kahn
Gongrothamnus aurantiacus O.Hoffm. (1)
Gongrothamnus divaricatus Steetz (1)
Vernonia aurantiaca (O.Hoffm.) N.E.Br. (1)
Vernonia vitellina N.E.Br. (1)
Perennial. Shrub, scandent or climber. Ht 1–8 m. Alt 0–980 m. N, B, M, KZN

*DITTRICHIA Greuter 9061005

Compiled by P.P.J. Herman

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 380, 381.
(2) Greuter. 1973. *Exsiccatorum genavensium a conservatorio botanico distributorum fasciculus* 4: 71.
(3) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 302.
(4) Anderberg. 1991. *Plant Systematics and Evolution* 176: 104.

graveolens (L.) Greuter
Erigeron graveolens L. (2)
Inula graveolens (L.) Desf. (2, 4)
Perennial. Shrub. Ht 0.45–0.9 m. Alt 15–300 m. WC

DOELLIA Sch.Bip. emended Anderb. 8939010

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 114, 115.
(2) Anderberg. 1995. *Willdenowia* 25: 19–24.

cafra (DC.) Anderb.
Blumea cafra (DC.) O.Hoffm. (2)
Blumea natalensis Sch.Bip. (1, 2)
Conyza cafra DC. (1, 2)
Conyza natalensis Sch.Bip. (1, 2)
Perennial. Herb. Ht up to 1 m. Alt 10–2000 m. N, B, LIM, G, M, S, KZN, EC

DOLICHOTHRIX Hilliard & B.L.Burtt 9045020

Compiled by M. Koekemoer

(1) Hilliard & Burtt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.
(2) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

ericoides (Lam.) Hilliard & B.L.Burtt
Bryomorphe lycopodioides (Sch.Bip. ex Walp.) Levyns (2)
Helichrysum ericoides (Lam.) Pers. (1)
Klenzea lycopodioides Sch.Bip. (2)
Stoebe nivea Thunb. (2)
Xeranthemum ericoides Lam. (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1100–2300 m. WC, EC

DORIA Less. 9420020

abrotanifolia Harv. = **Othonna abrotanifolia**
alata Thunb. = **Hertia alata**
arbuscula (Thunb.) DC. = **Othonna arbuscula**
bipinnata Thunb. = **Senecio pinnatifidus**
carnosa DC. = **Othonna retrofracta**
ceradia Harv. = **Othonna furcata**
chromochaeta DC. = **Othonna chromochaeta**
ciliata Harv. = **Hertia ciliata**
cluytiifolia DC. = **Hertia cluytiifolia**
cneorifolia DC. = **Lopholaena cneorifolia**
denticulata Thunb. = **Senecio othonniflorus**
digitata (L.) Less. = **Othonna digitata**
diversifolia DC. = **Othonna diversifolia**
eriocarpa DC. = **Othonna eriocarpa**
erosa Thunb. = **Cineraria erosa**
gymnodiscus DC. = **Othonna gymnodiscus**
incisa Thunb. = **Senecio erosus**
kraussii Sch.Bip. = **Hertia kraussii**
lasiocarpa DC. = **Othonna lasiocarpa**
linearifolia DC. = **Othonna lineariifolia**
lingua Less. = **Othonna lingua**
longipes Harv. = **Lopholaena longipes**
perfoliata (Thunb.) DC. = **Othonna perfoliata**
pinnatifida Thunb. = **Senecio tuberosus**
undulata Thunb. = **Senecio petiolaris**

DYMONDIA Compton 9432050

Compiled by E. Retief

(1) Compton. 1953. *Journal of South African Botany* 19: 110.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 318.

margaretae Compton
Perennial. Herb, mat-forming. Spread up to 150 mm. Alt ± 160–200 m. WC

*ECLIPTA L. 9166000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 303, 304.

alba (L.) Hassk. = **E. prostrata**
erecta L. = **E. prostrata**

prostrata (L.) L.
E. alba (L.) Hassk. (1)
E. erecta L. (1)
Annual. Herb. Ht 0.3–1 m. Alt 2–1005 m. N, B, LIM, M, S, KZN, EC

ECLOPES Gaertn. 9050010

apiculata DC. = **Relhania calycina** subsp. **apiculata**
centauroides (L.) DC. = **Athanasia crenata**
parallelinervis Less. var. *angustifolia* DC. = **Relhania pungens** subsp. **angustifolia**
sedifolia DC. = **Oedera sedifolia**
speciosa DC. = **Relhania speciosa**

EDMONDIA Cass. 9006020

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 314–317.

bicolor Cass. = **E. sesamoides**

bracteata Cass. = **E. pinifolia**

fasciculata (Andrews) Hilliard
Aphelexis fasciculata (Andrews) D.Don (1)
Helichrysum fasciculatum (Andrews) Willd. (1)
Helichrysum sesamoides (L.) Willd. var. *fasciculatum* (Andrews) Harv. (1)
Helipterum fasciculatum (Andrews) DC. (1)
Xeranthemum fasciculatum Andrews (1)
Perennial. Suffrutex. Ht 0.1–0.75 m. Alt 500–1500 m. NC, WC

pinifolia (Lam.) Hilliard
Aphelexis humilis (Andrews) D.Don (1)
E. bracteata Cass. (1)
Gnaphalium squamosum (Jacq.) Sch.Bip. (1)
Helichrysum humile (Andrews) Less. (1)
Helichrysum longebracteatum Schrank (1)
Helichrysum pinifolium (Lam.) Schrank (1)
Helichrysum spectabile Lodd. (1)
Helichrysum squamosum (Jacq.) Thunb. (1)
Helipterum humile (Andrews) DC. (1)
Helipterum humile (Andrews) DC. var. *pinifolium* (Lam.) DC. (1)
Xeranthemum humile Andrews (1)
Xeranthemum pinifolium Lam. (1)
Xeranthemum squamosum Jacq. (1)
Perennial. Suffrutex. Ht 0.25–0.75 m. Alt 395–2450 m. WC

sesamoides (L.) Hilliard
Aphelexis filiformis D.Don (1)
Aphelexis sesamoides (L.) D.Don (1)
E. bicolor Cass. (1)
E. splendens Cass. (1)
Gnaphalium sesamoides (L.) Kuntze (1)
Helichrysum filiforme (D.Don) Less. (1)
Helichrysum pseudofasciculatum Schrank (1)
Helichrysum sesamoides (L.) Willd. (1)
Helichrysum sesamoides (L.) Willd. var. *filiforme* (D.Don) Harv. (1)
Helichrysum sesamoides (L.) Willd. var. *heterophyllum* Harv. (1)
Helichrysum sesamoides (L.) Willd. var. *willdenowii* Harv. (1)
Helipterum filiforme (D.Don) DC. (1)
Helipterum sesamoides (L.) DC. (1)
Xeranthemum sesamoides L. (1)
Perennial. Suffrutex. Ht 0.25–0.75 m. Alt 20–1524 m. NC, WC

splendens Cass. = **E. sesamoides**

EENIA Hiern 9096010

damarensis Hiern & S.Moore = **Anisopappus pinnatifidus**

ELPHEGEA Less. 8919050

bergeriana (Spreng.) Less. = **Felicia bergeriana**

microcephala Less. = **Zyrphelis microcephala**

reflexa (L.) Less. = **Polyarrhena reflexa** subsp. **reflexa**

ELYTROPAPPUS Cass. 9041000

Compiled by M. Koekemoer

(1) Druce. 1917. *Second Supplement to Botanical Society & Exchange Club of the British Isles* 4: 601–653.
(2) Levyns. 1935. *Journal of South African Botany* 1: 89–103.
(3) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

adpressus Harv. = **Dicerothamnus adpressus**

ambiguus DC. = **Myrovernix gnaphaloides**

aridus Koekemoer
Perennial. Shrub. Ht 0.3–0.8 m. Alt 900–2000 m. WC

canescens DC. = **Myrovernix gnaphaloides**

cernuus (Thunb.) Fourc. = **Dicerothamnus rhinocerotis**

cyathiformis DC. = **E. hispidus**

glandulosus Less. = **Myrovernix glandulosus**

glandulosus Less. var. *ambiguus* (DC.) Harv. = **Myrovernix gnaphaloides**

glandulosus Less. var. *longifolius* DC. = **Myrovernix muricata**

glandulosus Less. var. *microphyllus* DC. in part = **Myrovernix scaber**

glandulosus Less. var. *pallens* DC. = **Myrovernix muricata**

gnaphaloides (L.) Levyns = **Myrovernix gnaphaloides**

hispidus (L.f.) Druce
Cyathopappus metalasioides Sch.Bip. (2)
E. cyathiformis DC. (3)
E. spinellosus Cass. (1)
Gnaphalium hispidum L.f. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1400–1800 m. WC

longifolius (DC.) Levyns = **Myrovernix muricata**

monticola Koekemoer
Perennial. Shrub. Ht 0.2–0.6 m. Alt 600–800 m. WC

muricella Steud. ex Sch.Bip. = **Myrovernix scaber**

rhinocerotis (L.f.) Less. = **Dicerothamnus rhinocerotis**

ruscianus Dinter = **Seriphium plumosum**

scaber Kuntze = **Myrovernix gnaphaloides**

scaber (L.f.) Druce = **Myrovernix scaber**

spinellosus Cass. = **E. hispidus**

EMILIA Cass. 9411010

Compiled by P.P.J. Herman

(1) Candolle. 1838. *Prodromus* 6: 301, 302.
(2) Hoffmann. 1903. *Kunene-Sambesi Expedition*: 422, 423.
(3) Moore. 1906. *Journal of the Linnean Society of Botany* 37: 449, 450.
(4) Merxmüller. 1967. *FSWA* 139: 55, 56.
(5) Hilliard. 1977. *Compositae in Natal*: 501, 502.
(6) Jeffrey. 1986. *Kew Bulletin* 41: 908–920.
(7) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 280–282.
(8) Manning & Goldblatt. 2001. *Bothalia* 31: 46–48.

albocostata Hiern = **E. marlothiana**

ambifaria (S.Moore) C.Jeffrey
Othonna ambifaria S.Moore (6)
Othonna polycephala Klatt (6)
Othonna rosea Klatt (6)
Senecio dinteri Muschl. ex Dinter (6)
Senecio schinzii O.Hoffm. (6)
Annual, occ. biennial. Herb, succulent. Ht 0.2–1.2 m. Alt 274–1067 m. N, B, LIM, NW

hantamensis J.C.Manning & Goldblatt
Annual. Herb. Ht 0.15–0.3 m. Alt 300–900 m. NC

limosa (O.Hoffm.) C.Jeffrey
Senecio limosus O.Hoffm. (6)
Perennial. Herb. Ht 0.15–0.3 m. Alt? LIM

marlothiana (O.Hoffm.) C.Jeffrey
E. albocostata Hiern (6)
Othonna glauca Klatt (6)
Senecio marlothianus O.Hoffm. (6)
Senecio viridiflorus Hutch. (6)
Perennial. Herb or suffrutex, succulent. Ht 0.2–1 m. Alt 400–2100 m. N

protracta S.Moore
Annual? Herb, hydrophyte. Ht? Alt? N

tenellula (S.Moore) C.Jeffrey
Senecio tenellulus S.Moore (6)
Annual. Herb. Ht up to 0.3 m. Alt? B

transvaalensis (Bolus) C.Jeffrey
Senecio thermarum Bolus (5, 6)
Senecio transvaalensis Bolus (6)
Annual, occ. perennial. Herb or suffrutex. Ht 0.15–0.45 m. Alt 152–1920 m. B, LIM, G, M, S, KZN

ENGLERIA O.Hoffm. 8861000

Compiled by E. Retief

(1) Merxmüller. 1967. *FSWA* 139: 56, 57.

africana O.Hoffm.
Annual. Herb. Ht up to 0.4 m. Alt 700–1200 m. N

africana O.Hoffm. var. *radiata* Oliv. = **E. decumbens**

decumbens (Welw. ex Hiern) Hiern
Adenogonum decumbens Welw. ex Hiern (1)
E. africana O.Hoffm. var. *radiata* Oliv. (1)
Annual. Herb. Ht up to 1 m. Alt ± 1850 m. N

ENYDRA Lour. 9164000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 303.

fluctuans Lour.
Perennial. Herb, helophyte. Length up to 0.3 m. Alt ± 9 m. KZN

EPALTES Cass. 8953000

alata (Sond.) Steetz = **Litogyne gariepina**

gariepina (DC.) Steetz = **Litogyne gariepina**

EREMOTHAMNUS O.Hoffm. 9373000

Compiled by P.P.J. Herman

(1) Hoffmann. 1889. *Botanische Jahrbücher* 10: 278, 279.
(2) Merxmüller. 1967. *FSWA* 139: 58.
(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

marlothianus O.Hoffm.
Pteronia aizoides Muschl. (2)
Pteronia marlothiana (O.Hoffm.) Dinter (2)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 0–60 m. N

*ERIGERON L. 8901000

Compiled by P.P.J. Herman

(1) Linnaeus. 1755. *Centuria plantarum* I: 80.
(2) Desfontaines. 1799. *Flora atlantica* 2: 275.
(3) Hilliard. 1977. *Compositae in Natal*: 67, 68.

aegyptiacus L. = **Conyza aegyptiaca**

alatum D.Don = **Laggera crispata**

bonariensis L. = **Conyza bonariensis**

canadensis L. = **Conyza canadensis**

capense Houtt. = **Vernonia capensis**

crispus Pourr. = **Conyza bonariensis**

floribundus (Kunth) Sch.Bip. = **Conyza albida**

gouanii L. = **Conyza gouanii**

graveolens L. = **Dittrichia graveolens**

incisum Thunb. = **Conyza ulmifolia**

***karvinskianus** DC.
Perennial. Herb. Ht up to 0.15 m. Alt 915–1463 m. LIM, G, M, S, KZN, WC

kraussii Sch.Bip. = **Nidorella auriculata**

linifolius Willd. = **Conyza bonariensis**

molle D.Don = **Blumea dregeanoides**

natalensis Sch.Bip. = **Microglossa mespilifolia**

persicariifolius Benth. = **Conyza attenuata**

pinnatifidum Thunb. = **Conyza pinnatifida**

pinnatus L.f. = **Conyza pinnata**

scabrum Thunb. = **Pulicaria scabra**

sprengelii Sch.Bip. = **Nidorella auriculata**

sumatrensis Retz. = **Conyza albida**

ERIOCARPHA Lag. ex DC. 9321040

peduncularis Lag. ex DC. = **Lasiospermum pedunculare**

ERIOCEPHALUS L. 9320000

Compiled by P.P.J. Herman

(1) Burchell. 1822. *Travels in the interior of southern Africa* 1: 232, 259, 272.
(2) Harvey. 1865. *FC* 3: 199–204.
(3) Schlechter. 1899. *Botanische Jahrbücher* 27: 206.
(4) Smith. 1931. *Kew Bulletin* 1931: 100–102.
(5) Burtt Davy. 1935. *Journal of South African Botany* 1: 106.
(6) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 800.
(7) Nordenstam. 1964. *Journal of South African Botany* 30: 49–52.
(8) Merxmüller. 1967. *FSWA* 139: 58–62.
(9) Müller *et al.* 2001. *FSA* 33,4,1: 1–63.

affinis DC. = **E. racemosus** var. **affinis**

africanus L. var. **africanus**
E. corymbosus Moench (9)
E. frutescens R.Br. (9)
E. septifer Cass. (9)
E. septulifer DC. (9)
E. variifolius Salisb. (9)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 0–100 m. WC

africanus L. var. **paniculatus** (Cass.) M.A.N.Müller, P.P.J.Herman & H.H.Kolberg
E. paniculatus Cass. (9)
E. racemosus Gaertn. (9)
E. sericeus Gaudich. ex DC. (9)
E. umbellulatus Cass. (9)
E. umbellulatus Cass. var. *argenteus* DC. (9)
E. umbellulatus Cass. var. *glabriusculus* DC. (9)
Monochlaena racemosus Cass. (9)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 100–3000 m. NC, WC, EC

ambiguus (DC.) M.A.N.Müller
E. aspalathoides DC. var. *ambiguus* DC. (9)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 0–300 m. N, B, NC, WC, EC

aromaticus C.A.Sm.
Perennial. Shrub. Ht up to 0.6 m. Alt 900–1500 m. WC, EC

aspalathoides DC. = **E. decussatus**

aspalathoides DC. var. *ambiguus* DC. = **E. ambiguus**

brevifolius (DC.) M.A.N.Müller
E. punctulatus DC. var. *brevifolius* DC. (9)
Perennial. Shrub. Ht up to 1.2 m. Alt 900–2000 m. NC, WC

capitellatus DC.

Perennial. Shrub. Ht 0.25–1.2 m. Alt 900–2000 m. WC, EC

corymbosus Moench = **E. africanus** var. **africanus**

decussatus Burch.
E. aspalathoides DC. (9)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 1000–2500 m. NC, WC

dinteri S.Moore
E. parviflorus Dinter (9)
Perennial. Shrub. Ht 0.3–1 m. Alt 1000–2500 m. N

eenii S.Moore = **E. luederitzianus**

ericoides (L.f.) Druce subsp. **ericoides**
E. glaber Thunb. (9)
E. glaber Thunb. var. *sessiliflorus* Sond. ex Harv. (9)
Tarchonanthus ericoides L.f. (9)
Perennial. Shrub. Ht 0.3–1 m. Alt 350–1700 m. N, FS, NC, WC, EC

ericoides (L.f.) Druce subsp. **griquensis** M.A.N.Müller
Perennial. Shrub. Ht 0.3–1 m. Alt 300–1500 m. NC

eximius DC.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1000–2400 m. FS, L, NC, WC, EC

frutescens R.Br. = **E. africanus** var. **africanus**

giessii M.A.N.Müller
Perennial. Shrub. Ht 0.35–0.45 m. Alt 1000–2500 m. N

glaber Thunb. = **E. ericoides** subsp. **ericoides**

glaber Thunb. var. *pubescens* Harv. = **E. microphyllus** var. **microphyllus**

glaber Thunb. var. *sessiliflorus* Sond. ex Harv. = **E. ericoides** subsp. **ericoides**

glandulosus M.A.N.Müller
Perennial. Shrub. Ht 0.2–0.6 m. Alt 500–1500 m. NC, WC, EC

grandiflorus M.A.N.Müller
Perennial. Shrub. Ht 0.2–0.45 m. Alt 1500–3000 m. NC, WC

hirsutus Burtt Davy = **E. luederitzianus**

karooicus M.A.N.Müller
Perennial. Shrub. Ht 0.15–0.45 m. Alt 0–300 m. FS, NC, EC

kingesii Merxm. & Eberle
Perennial. Shrub. Ht 0.3–0.6 m. Alt 30–150 m. N

klinghardtensis M.A.N.Müller
Perennial. Shrub. Ht 0.35–0.6 m. Alt 1000–1500 m. N

longifolius M.A.N.Müller
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1700–2500 m. LIM

luederitzianus O.Hoffm.
E. eenii S.Moore (9)
E. hirsutus Burtt Davy (9)
E. squarrosus Muschl. (9)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 50–1500 m. N, B, LIM

macroglossus B.Nord.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 610–915 m. NC

merxmuelleri M.A.N.Müller
Perennial. Shrub. Ht 0.4–1.2 m. Alt 500–1500 m. N, NC

microcephalus DC.
Perennial. Shrub. Ht 0.4–1.2 m. Alt 600–2000 m. NC

microphyllus DC. var. **carnosus** M.A.N.Müller
Perennial. Shrub. Ht 0.2–0.6 m. Alt 2000–3000 m. WC

microphyllus DC. var. **microphyllus**
E. glaber Thunb. var. *pubescens* Harv. (9)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 100–1000 m. NC

microphyllus DC. var. **pubescens** (DC.) M.A.N.Müller
E. pubescens DC. (9)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 1000–2500 m. NC, WC

namaquensis M.A.N.Müller
Perennial. Shrub. Ht 0.25–0.45 m. Alt 1000–2500 m. NC, WC

paniculatus Cass. = **E. africanus** var. **paniculatus**

parviflorus Dinter = **E. dinteri**

pauperrimus Merxm. & Eberle
Perennial. Shrub. Ht 0.35–0.45 m. Alt 300–600 m. N, NC, WC

pedicellaris DC.
E. pteronioides DC. (9)
E. punctulatus DC. var. *pedicellaris* (DC.) Harv. (9)
Perennial. Shrub. Ht 0.4–0.9 m. Alt 100–600 m. NC, WC

petrophiloides DC. = **Euryops multifidus**

pinnatus O.Hoffm.
Perennial. Shrub or suffrutex. Ht 0.35–0.45 m. Alt up to 1525 m. N

pteronioides DC. = **E. pedicellaris**

pubescens DC. = **E. microphyllus** var. **pubescens**

punctulatus DC.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 300–2000 m. NC, WC

punctulatus DC. var. *brevifolius* DC. = **E. brevifolius**

punctulatus DC. var. *pedicellaris* (DC.) Harv. = **E. pedicellaris**

punctulatus DC. var. *tenuifolius* (DC.) Harv. = **E. tenuifolius**

purpureus Burch.
E. xerophilus Schltr. (9)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 300–1500 m. NC, WC

racemosus L. var. **affinis** (DC.) Harv.
E. affinis DC. (9)
Perennial. Shrub. Ht 1.2–2 m. Alt 50–200 m. NC, WC

racemosus L. var. **racemosus**
E. simplicifolius Salisb. (9)
E. spicatus Burm. ex DC. (9)
Perennial. Shrub. Ht 1.2–2 m. Alt 0–100 m. WC, EC

racemosus Gaertn. = **E. africanus** var. **paniculatus**

rangei Muschl. = **E. scariosus**

scariosissimus S.Moore = **E. scariosus**

scariosus DC.
E. rangei Muschl. (9)
E. scariossisimus S.Moore (9)
E. virgatus Dinter (9)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 500–1500 m. N, NC

septifer Cass. = **E. africanus** var. **africanus**

septulifer DC. = **E. africanus** var. **africanus**

sericeus Gaudich. ex DC. = **E. africanus** var. **paniculatus**

simplicifolius Salisb. = **E. racemosus** var. **racemosus**

spicatus Burm. ex DC. = **E. racemosus** var. **racemosus**

spinescens Burch.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–300 m. NC, WC

squarrosus Muschl. = **E. luederitzianus**

tenuifolius DC.
E. punctulatus DC. var. *tenuifolius* (DC.) Harv. (9)
Perennial. Shrub. Ht 0.3–1.3 m. Alt 1000–2500 m. M, FS, L, NC, WC, EC

tenuipes C.A.Sm.
Perennial. Shrub. Ht 0.4–1 m. Alt 900–2500 m. EC

umbellulatus Cass. = **E. africanus** var. **paniculatus**

umbellulatus Cass. var. *argenteus* DC. = **E. africanus** var. **paniculatus**

umbellulatus Cass. var. *glabriusculus* DC. = **E. africanus** var. **paniculatus**

variifolius Salisb. = **E. africanus** var. **africanus**

virgatus Dinter = **E. scariosus**

xerophilus Schltr. = **E. purpureus**

ERIOSPHAERA F.Dietr. 9321020

multifida F.Dietr. = **Lasiospermum pedunculare**

ERIOSPHAERA Less. 9002000

catipes DC. = **Helichrysum catipes**

coriacea DC. = **Helichrysum rotundatum**

oculus-cati (L.f.) Less. = **Galeomma oculus-cati**

stenolepis (S.Moore) Hilliard & B.L.Burtt = **Galeomma stenolepis**

ERLANGEA Sch.Bip. 8740000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 62, 63.
(2) Wild. 1977. *Kirkia* 10,2: 362–364.

laxa (N.E.Br.) S.Moore = **Bothriocline laxa**

misera (Oliv. & Hiern) S.Moore
E. schinzii O.Hoffm. (2)
Vernonia merenskiana Dinter ex Merxm., naked name (1)
Vernonia misera Oliv. & Hiern (2)
Annual. Herb. Ht 0.3–1 m. Alt 420–2100 m. N, B, LIM, NW, NC

remifolia Wild & G.V.Pope
Annual. Herb. Ht up to 0.3 m. Alt up to 1525 m. B

schinzii O.Hoffm. = **E. misera**

EROEDA Levyns 9322010

capensis (L.) Levyns = **Oedera capensis**

hirta (Thunb.) Levyns = **Oedera hirta**

imbricata (Lam.) Levyns = **Oedera imbricata**

intermedia (DC.) Levyns = **Oedera imbricata**

laevis (DC.) Levyns = **Oedera laevis**

muirii (C.A.Sm.) Levyns = **Oedera laevis**

*ETHULIA L.f. 8734000

Compiled by N. Netnou

(1) Gilbert & Jeffrey. 1988. *Kew Bulletin* 43: 165–173.

alata Sond. = **Litogyne gariepina**

auriculata Thunb. = **Dichrocephala integrifolia** subsp. **integrifolia**

conyzoides L.f. subsp. **conyzoides**
Annual, occ. perennial. Shrub, herb. Ht 0.45–2 m. Alt 2–2200 m. N, B, LIM, M, S, KZN, EC

conyzoides L.f. subsp. **kraussii** (Walp.) M.G.Gilbert & C.Jeffrey
E. kraussii Walp. (1)
Annual. Herb. Ht up to 1.5 m. Alt 5–900 m. KZN

gariepina DC. = **Litogyne gariepina**

kraussii Walp. = **E. conyzoides** subsp. **kraussii**

EUMORPHIA DC. 9323000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 153.
(2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 387, 388.
(3) Phillips. 1950. *Journal of South African Botany* 16: 20.
(4) Compton. 1967. *Journal of South African Botany* 33: 300.
(5) Hilliard. 1977. *Compositae in Natal*: 331–333.
(6) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 248, 249.
(7) Källersjö. 1985. *Nordic Journal of Botany* 5: 538.

corymbosa E.Phillips
Perennial. Shrub. Ht 0.3–1 m. Alt 1000–1828 m. WC

davyi Bolus
Perennial. Shrub. Ht 0.18–2 m. Alt 1200–2286 m. LIM, M

dregeana DC.
Perennial. Shrub. Ht 0.3–1 m. Alt 1311–1980 m. FS, EC

prostrata Bolus
Perennial. Shrub. Length 0.17–0.6 m. Alt 1830–2970 m. KZN, L, EC

sericea J.M.Wood & M.S.Evans subsp. **robustior** Hilliard & B.L.Burtt
Perennial. Shrub. Ht 0.75–2 m. Alt 2073–2633 m. EC

sericea J.M.Wood & M.S.Evans subsp. **sericea**
Perennial. Dwarf shrub. Ht 0.2–1.3 m. Alt 2438–3414 m. FS, KZN, L, EC

swaziensis Compton
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1219–1372 m. S

EUPATORIUM L. 8816000

adenophorum Spreng. = **Ageratina adenophora**

africanum Oliv. & Hiern = **Stomatanthes africanus**

coloratum Willd. = **Vernonia colorata** subsp. **colorata**

conyzoides Vahl = **Chromolaena odorata**

divaricatum P.J.Bergius = **Pteronia divaricata**

macrocephalum Less. = **Campuloclinium macrocephalum**

odoratum L. = **Chromolaena odorata**

retrofractum Thunb. = **Pegolettia retrofracta**

riparium Regel = **Ageratina riparia**

rugosum Houtt. = **Ageratina altissima**

EURYOPS (Cass.) Cass. 9417000

Compiled by P.P.J. Herman

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 389–392.
(2) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 282.
(3) Coetzee. 1959. *The Flowering Plants of Africa* 33: t. 1305.
(4) Nordenstam. 1968. *Opera Botanica* 20: 1–409.
(5) Claassen. 1969. *The Flowering Plants of Africa* 39: t. 1553.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 285.

abrotanifolius (L.) DC.
Cineraria abrotanifolia (L.) P.J.Bergius (4)
E. abrotanifolius (L.) DC. var. *brachypus* Harv. (4)
E. abrotanifolius (L.) DC. var. *crassilobus* DC. (4)
E. abrotanifolius (L.) DC. var. *glabratus* DC. (4)
E. comosus Cass. (4)
E. comptonii Hutch. (4)
E. diversifolius Harv. (4)
E. speciosus Hutch. (4)
Jacobaeastrum abrotanifolium (L.) Kuntze (4)
Jacobaeastrum diversifolium (Harv.) Kuntze (4)
Othonna abrotanifolia L. (4)
Othonna uniflora Savigny (4)
Perennial. Shrub. Ht 0.2–2 m. Alt 0–1800 m. NC, WC

abrotanifolius (L.) DC. var. *brachypus* Harv. = **E. abrotanifolius**

abrotanifolius (L.) DC. var. *crassilobus* DC. = **E. abrotanifolius**

abrotanifolius (L.) DC. var. *glabratus* DC. = **E. abrotanifolius**

abrotanifolius of author, not of (L.) DC.; Fourc., concept invalid = **E. pinnatipartitus**

acraeus M.D.Hend.
Perennial. Shrub. Ht 0.6–1 m. Alt 3000–3200 m. KZN, L

algoensis DC.
Jacobaeastrum algoense (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.45–1.2 m. Alt 0–670 m. EC

annae E.Phillips
E. oligoglossus DC. in part (4)
E. racemosus of author, not of DC., concept invalid (4)
Perennial. Shrub. Ht 0.2–1.5 m. Alt 1500–2700 m. FS, L, WC, EC

annuus Compton
Annual. Herb. Ht up to 0.4 m. Alt 340–550 m. NC, WC

anthemoides B.Nord. subsp. **anthemoides**
Gamolepis trifurcata Less. (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1000 m. WC, EC

anthemoides B.Nord. subsp. **astrotrichus** B.Nord.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–1600 m. EC

asparagoides (Licht. ex Less.) DC.
Jacobaeastrum asparagoides (Licht. ex Less.) Kuntze (4)
Mikania asparagoides Licht. ex Less. (4)
Othonna schlechteriana Dinter (4)
Perennial. Shrub. Ht 0.3–1 m. Alt 1350–1435 m. N, FS, NC

athanasiae (L.f.) Harv., illegitimate name = **E. speciosissimus**

bolusii B.Nord.
Gamolepis intermedia Bolus (4)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1500–2000 m. WC

brachypodus (DC.) B.Nord.
Gamolepis brachypoda DC. (4)
Gamolepis brachypoda DC. var. *integrifolia* Harv. (4)
Gamolepis brachypoda DC. var. *tridens* Harv. (4)
Osteospermum heterophyllum DC. (4)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 0–1000 m. EC

brevilobus Compton
E. serra of author, not of DC.; Hutch., concept invalid (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 600–900 m. WC

brevipapposus M.D.Hend.
E. tenuissimus of author, not of (L.) DC. in part, concept invalid (4)
Perennial. Shrub. Ht 0.5–3 m. Alt 5–1500 m. LIM, M, S, KZN, EC

brevipes B.Nord.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 2900–3000 m. KZN

caespitosus Markötter = **E. transvaalensis** subsp. **setilobus**

calvescens DC.
Jacobaeastrum calvescens (DC.) Kuntze (4)
Perennial. Shrub. Ht up to 0.5 m. Alt 1500–2000 m. EC

candollei Harv.
E. galpinii E.Phillips, illegitimate name (4)
Jacobaeastrum candollei (Harv.) Kuntze (4)
Perennial. Shrub or dwarf shrub. Ht 0.1–1.5 m. Alt 1500–3000 m. L, EC

carnosus Cass., illegitimate name = **E. tenuissimus** subsp. **tenuissimus**

chrysanthemoides (DC.) B.Nord.
Gamolepis chrysanthemoides DC. (4)
Perennial. Shrub. Ht 0.5–2 m. Alt 5–1000 m. KZN, EC

chrysanthemoides (DC.) B.Nord. × **E. othonnoides** (DC.) B.Nord.
Perennial. Shrub. Ht? Alt? WC

chrysanthemoides (DC.) B.Nord. × **E. pectinatus** (L.) Cass.
Perennial. Shrub. Ht 1–1.5 m. Alt? WC

chrysanthemoides (DC.) B.Nord. × **E. spathaceus** DC.
Perennial. Shrub. Ht? Alt? G, WC

ciliatus B.Nord.
Perennial. Shrub. Ht up to 1.2 m. Alt 1200–1550 m. EC

ciliatus Harv., as a synonym = **E. empetrifolius**

comosus Cass. = **E. abrotanifolius**

comptonii Hutch. = **E. abrotanifolius**

cuneatus B.Nord.
Lasiocoma petrophiloides of author, not of (DC.) Bolus, also not Compton, concept invalid (4)
Perennial. Shrub. Ht 0.27–1.5 m. Alt 750–1800 m. NC, WC

decipiens Schltr.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 600–1375 m. WC

decumbens B.Nord.
E. montanus of author in part, not of Schltr.; E.Phillips, concept invalid (4)
Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt 2750–3400 m. KZN, L, EC

densifolius Sond. ex Harv., as a synonym = **E. empetrifolius**

dentatus B.Nord.
Perennial. Shrub. Ht up to 1 m. Alt 1000–1500 m. EC

dieterleniae J.M.Wood = **E. evansii** subsp. **evansii**

discoideus Burtt Davy
Perennial. Herb. Ht up to 0.5 m. Alt 1000–1300 m. M

diversifolius Harv. = **E. abrotanifolius**

diversifolius Harv. var. *integrifolius* Harv., illegitimate name = **E. lasiocladus**

dregeanus Sch.Bip.
Jacobaeastrum dregeanum (Sch.Bip.) Kuntze (4)
Perennial. Shrub or dwarf shrub. Ht 0.1–0.9 m. Alt 185–1000 m. N, NC, WC

dyeri Hutch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1650–1900 m. EC

empetrifolius DC.
E. ciliatus Harv., as a synonym (4)
E. densifolius Sond. ex Harv., as a synonym (4)
E. sulcatus of author, not of (Thunb.) Harv., concept invalid (4)
E. sulcatus (Thunb.) Harv. var. *densifolius* Sond. ex Harv. (4)
Jacobaeastrum empetrifolium (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.38–1 m. Alt 914–1594 m. FS, L, WC, EC

empetrifolius DC. × **E. subcarnosus** DC. subsp. **vulgaris** B.Nord.
Perennial. Shrub. Ht up to 1 m. Alt 1300–1500 m. FS

erectus (Compton) B.Nord.
Lysichlamys erecta Compton (4)
Perennial. Shrub. Ht 0.5–1 m. Alt 800–1500 m. WC

erectus (Compton) B.Nord. × **E. rehmannii** Compton
Perennial. Shrub. Ht? Alt ± 1220 m. WC

ericifolius (Bél.) B.Nord.
Gamolepis ericoides (L.f.) Less. var. *adpressifolius* (DC.) Harv. (4)
Jacquemontia ericifolia Bél. (4)
Psilothamnus adpressifolius DC. (4)
Psilothamnus ericifolius (Bél.) DC. (4)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 30–250 m. EC

ericoides (L.f.) B.Nord.
Gamolepis ericoides (L.f.) Less. (4)
Othonna ericoides L.f. (4)
Perennial. Dwarf shrub. Ht 0.1–2.43 m. Alt 5–915 m. WC

euryopoides (DC.) B.Nord.
Gamolepis euryopoides DC. (4)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 30–900 m. EC

evansii Schltr. subsp. **dendroides** B.Nord.
Perennial. Shrub. Ht up to 1.5 m. Alt 2000–3000 m. L

evansii Schltr. subsp. **evansii**
E. dieterleniae J.M.Wood (4)
Perennial. Shrub. Ht 0.5–1.8 m. Alt 1800–3050 m. KZN, L

evansii Schltr. subsp. **parvus** B.Nord.
Perennial. Shrub. Ht 0.15–0.25 m. Alt 2700–2900 m. KZN, L

flabelliformis Cass., illegitimate name = **E. virgineus**

floribundus N.E.Br.
Perennial. Shrub. Ht 0.3–3 m. Alt 185–1524 m. EC

galpinii Bolus
Perennial. Shrub. Ht 0.6–1 m. Alt 600–2100 m. EC

galpinii E.Phillips, illegitimate name = **E. candollei**

gilfillanii Bolus
Perennial. Herb. Ht up to 0.19 m. Alt 1200–2255 m. G, M

glutinosus B.Nord.
Perennial. Shrub. Ht 0.2–1.5 m. Alt 1500–2250 m. WC

gracilipes B.Nord.
Perennial. Dwarf shrub, decumbent. Length up to 0.3 m. Alt? EC

hebecarpus (DC.) B.Nord.
Gamolepis hebecarpa DC. (4)
Perennial. Dwarf shrub. Ht 0.03–0.3 m. Alt 100–200 m. WC

hypnoides B.Nord.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 500–610 m. EC

imbricatus (Thunb.) DC.
E. lateriflorus (L.f.) DC. var. *imbricatus* (Thunb.) Harv. (4)
Othonna imbricata Thunb. (4)
Perennial. Shrub. Ht 0.25–1.2 m. Alt 426–1700 m. NC, WC

imbricatus (Thunb.) DC. × **E. lateriflorus** (L.f.) DC.
Perennial. Shrub. Ht? Alt ± 1590 m. NC

indecorus B.Nord.
Perennial. Shrub. Ht 0.2–1 m. Alt 800–1000 m. WC

inops B.Nord.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 2000–2400 m. L

integrifolius B.Nord.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1200–1250 m. WC

khamiesbergensis Hutch. = **E. tenuissimus** subsp. **tenuissimus**

krookii Gand. = **E. tysonii**

lasiocladus (DC.) B.Nord.
E. diversifolius Harv. var. *integrifolius* Harv., illegitimate name (4)
E. longipes DC. var. *lasiocladus* DC. (4)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 300–600 m. WC

lateriflorus (L.f.) DC.
E. pearsonii E.Phillips (4)
E. subsessilis Sch.Bip. (4)
Jacobaeastrum lateriflorum (L.f.) Kuntze (4)
Jacobaeastrum subsessile (Sch.Bip.) Kuntze (4)
Othonna lateriflora L.f. (4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 100–1917 m. N, FS, NC, WC, EC

lateriflorus (L.f.) DC. var. *imbricatus* (Thunb.) Harv. = **E. imbricatus**

lateriflorus (L.f.) DC. var. *oblongifolia* O.Hoffm. = **E. tysonii**

lateriflorus (L.f.) DC. × **E. sulcatus** (Thunb.) Harv.
Perennial. Shrub. Ht? Alt ± 1430 m. NC

lateriflorus of author, not of (L.f.) DC., concept invalid = **E. tysonii**

latifolius B.Nord.
Perennial. Shrub. Ht 1–2.5 m. Alt 600–650 m. EC

laxus (Harv.) Burtt Davy
Gamolepis debilis Harv. (4)
Gamolepis laxa Harv. (4)
Gamolepis pectinata Less. var. *natalensis* Sch.Bip. (4)
Perennial. Herb. Ht 0.15–0.35 m. Alt 0–2100 m. G, M, S, FS, KZN, EC

leiocarpus (DC.) B.Nord.
Gamolepis leiocarpa (DC.) Harv. (4)
Osteospermum leiocarpum DC. (4)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 0–150 m. KZN, EC

linearis Harv.
Jacobaeastrum lineare (Harv.) Kuntze (4)
Perennial. Shrub. Ht 0.5–3 m. Alt 20–185 m. WC

linifolius (L.) DC.
Agathaea linifolia (L.) G.Don ex Loud. (4)
Cineraria linifolia (L.) L. (4)
Jacobaeastrum linifolium (L.) Kuntze (4)
Othonna linifolia L. (4)
Perennial. Shrub. Ht 0.6–2 m. Alt 30–155 m. WC

linifolius (L.) DC. × **E. thunbergii** B.Nord.
Perennial. Shrub. Ht? Alt? WC

linifolius of author, not of (L.) DC., concept invalid = **E. thunbergii**

longifolius Cass. = **E. tenuissimus** subsp. **tenuissimus**

longipes DC. var. *integrifolius* Harv. in part = **E. zeyheri**

longipes DC. var. **lasiocarpus** B.Nord.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–1800 m. WC

longipes DC. var. *lasiocladus* DC. = **E. lasiocladus**

longipes DC. var. **longipes**
Jacobaeastrum longipes (DC.) Kuntze (4)
Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 300–1400 m. WC

longipes of author, not of DC., concept invalid = **E. thunbergii**

marlothii B.Nord.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1400–1615 m. NC

megalanthus Gand. = **E. speciosissimus**

microphyllus (Compton) B.Nord.
Thodaya microphylla Compton (4)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 700–1675 m. WC

mirus B.Nord.
Perennial. Shrub. Ht up to 0.25 m. Alt 600–1000 m. NC

montanus of author in part, not of Schltr.; E.Phillips, concept invalid = **E. decumbens**

montanus Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 2250–3300 m. KZN, L, EC

mucosus B.Nord.
Perennial. Shrub. Ht up to 0.5 m. Alt? N

muirii C.A.Sm.
Lysichlamys muirii (C.A.Sm.) Compton (4)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 100–200 m. WC

multifidus of author, not of (Thunb.) DC., concept invalid = **E. subcarnosus** subsp. **vulgaris**

multifidus of author, not of (Thunb.) DC.; Hutch., concept invalid = **E. subcarnosus** subsp. **minor**

multifidus (Thunb.) DC.
Eriocephalus petrophiloides DC. (4)
Lasiocoma petrophiloides (DC.) Bolus (4)
Othonna multifida Thunb. (4)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 90–1370 m. NC, WC

multifidus (Thunb.) DC. var. *multifidus* in sense of Merxm., misapplied name = **E. subcarnosus** subsp. **vulgaris**

multifidus (Thunb.) DC. var. *namibensis* Merxm. = **E. namibensis**

multinervis N.E.Br. = **E. transvaalensis** subsp. **transvaalensis**

munitus (L.f.) B.Nord.
Gamolepis munita (L.f.) Less. (4)
Osteospermum fallax Spreng. ex DC. (4)
Othonna munita L.f. (4)
Perennial. Shrub. Ht 0.1–1 m. Alt 0–1100 m. WC, EC

namaquensis Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 400–1700 m. WC

namibensis (Merxm.) B.Nord.
E. multifidus (Thunb.) DC. var. *namibensis* Merxm. (4)
Perennial. Shrub. Ht 0.4–1.2 m. Alt 100–900 m. N, NC

neptunicus S.Moore = **E. transvaalensis** subsp. **setilobus**

nodosus B.Nord.
Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 1200–1650 m. NC, WC

oligoglossus DC. in part = **E. annae**

oligoglossus DC. subsp. **oligoglossus**
E. triqueter Less. ex Harv. (4)
Jacobaeastrum oligoglossum (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.3–1.7 m. Alt 600–2500 m. L, NC, WC, EC

oligoglossus DC. subsp. **racemosus** (DC.) B.Nord.
E. racemosus DC. (4)
Perennial. Shrub. Ht 0.4–1.7 m. Alt 700–1650 m. NC, WC

othonnoides (DC.) B.Nord.
Ruckeria euryopoides Drège ex Harv. (4)
Ruckeria euryopsidis DC. (4)
Ruckeria othonnoides DC. (4)
Perennial. Shrub. Ht 0.1–0.4 m. Alt 300–1930 m. NC, WC

pearsonii E.Phillips = **E. lateriflorus**

pectinatus (L.) Cass. subsp. **lobulatus** B.Nord.
Perennial. Shrub. Ht 0.5–2 m. Alt 900–1000 m. WC

pectinatus (L.) Cass. subsp. **pectinatus**
E. pectinatus (L.) Cass. var. *discoideus* DC. (4)
Jacobaeastrum pectinatum (L.) Kuntze (4)
Othonna pectinata L. (4)
Othonna tomentosa Salisb., illegitimate name (4)
Perennial. Shrub. Ht 0.5–2 m. Alt 150–1370 m. WC

pectinatus (L.) Cass. var. *discoideus* DC. = **E. pectinatus** subsp. **pectinatus**

pedunculatus N.E.Br.
E. rogersii Burtt Davy (4)
Perennial. Shrub or suffrutex. Ht 0.2–1 m. Alt 1200–2100 m. LIM, M, S, FS, KZN

petraeus B.Nord.
Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 1650–2450 m. NC, EC

pinnatipartitus (DC.) B.Nord.
E. abrotanifolius of author, not of (L.) DC.; Fourc., concept invalid (4)
Gamolepis pectinata Less. (4)
Gamolepis pinnatipartita (DC.) Harv. (4)
Osteospermum pinnatipartitum DC. (4)

Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 500–1500 m. WC, EC

pleiodontus B.Nord.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 600–900 m. NC

polytrichoides (Harv.) B.Nord.
Gamolepis polytrichoides Harv. (4)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 600–700 m. EC

pulcher Muschl. ex Dinter, naked name = **E. subcarnosus** subsp. **vulgaris**

punctatus DC. = **E. subcarnosus** subsp. **subcarnosus**

racemosus DC. = **E. oligoglossus** subsp. **racemosus**

racemosus of author, not of DC., concept invalid = **E. annae**

rehmannii Compton
E. tenuissimus of author, not of (L.) DC. in part, concept invalid (4)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 500–1500 m. WC, EC

rogersii Burtt Davy = **E. pedunculatus**

rosulatus B.Nord.
Perennial. Shrub. Ht up to 0.25 m. Alt 550–700 m. NC

rupestris Schltr. var. **dasycarpus** B.Nord.
E. trifurcatus of author, not of (L.f.) Cass.; Hutch., concept invalid (4)
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 300–1550 m. WC

rupestris Schltr. var. **rupestris**
E. trifurcatus of author in part, not of (L.f.) Cass., concept invalid (4)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 360–1800 m. WC

schenkii O.Hoffm. = **Othonna sedifolia**

serra DC.
Jacobaeastrum serra (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.5–3 m. Alt 200–1000 m. WC

serra of author, not of DC.; Hutch., concept invalid = **E. brevilobus**

setilobus N.E.Br. = **E. transvaalensis** subsp. **setilobus**

sparsiflorus S.Moore = **Othonna sparsiflora**

spathaceus DC.
E. spathaceus DC. var. *campanulatus* Sch.Bip. (4)
E. spathaceus DC. var. *dodecaglossa* DC. (4)
Jacobaeastrum spathaceum (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 20–1465 m. WC, EC

spathaceus DC. var. *campanulatus* Sch.Bip. = **E. spathaceus**

spathaceus DC. var. *dodecaglossa* DC. = **E. spathaceus**

speciosissimus DC.
E. athanasiae (L.f.) Harv., illegitimate name (4)
E. megalanthus Gand. (4)
Jacobaeastrum athanasiae (L.f.) Kuntze (4)
Othonna athanasiae L.f. (4)
Perennial. Shrub. Ht 0.45–2.5 m. Alt 150–853 m. NC, WC

speciosissimus DC. × **E. thunbergii** B.Nord.
Perennial. Shrub. Ht? Alt? WC

speciosus Hutch. = **E. abrotanifolius**

striatus N.E.Br. = **E. transvaalensis** subsp. **setilobus**

strictus DC. = **E. tenuissimus** subsp. **tenuissimus**

subcarnosus DC. subsp. **foetidus** B.Nord.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–1200 m. B, NC

subcarnosus DC. subsp. **minor** B.Nord.
E. multifidus of author, not of (Thunb.) DC.; Hutch., concept invalid (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 900–1200 m. NC

subcarnosus DC. subsp. **subcarnosus**
E. punctatus DC. (4)
E. subcarnosus DC. var. *indivisus* DC. (4)
Jacobaeastrum punctatum (DC.) Kuntze (4)
Jacobaeastrum subcarnosum (DC.) Kuntze (4)
Thodaya elongata Compton (4)
Perennial. Shrub or dwarf shrub. Ht 0.15–0.5 m. Alt 200–1200 m. WC

subcarnosus DC. subsp. **vulgaris** B.Nord.
E. multifidus of author, not of (Thunb.) DC., concept invalid (4)
E. multifidus (Thunb.) DC. var. *multifidus* in sense of Merxm., misapplied name (4)
E. pulcher Muschl. ex Dinter, naked name (4)
E. subcarnosus of author, not of DC., concept invalid (4)
Perennial. Shrub or dwarf shrub. Ht 0.3–1.5 m. Alt 600–2200 m. N, FS, L, NC, WC, EC

subcarnosus DC. var. *indivisus* DC. = **E. subcarnosus** subsp. **subcarnosus**

subcarnosus of author, not of DC., concept invalid = **E. subcarnosus** subsp. **vulgaris**

subsessilis Sch.Bip. = **E. lateriflorus**

sulcatus of author, not of (Thunb.) Harv., concept invalid = **E. empetrifolius**

sulcatus (Thunb.) Harv.
Jacobaeastrum sulcatum (Thunb.) Kuntze (4)
Othonna sulcata Thunb. (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 1500–1860 m. NC

sulcatus (Thunb.) Harv. var. *densifolius* Sond. ex Harv. = **E. empetrifolius**

tagetoides (DC.) B.Nord.
Ruckeria tagetoides DC. (4)
Perennial. Shrub. Ht up to 1 m. Alt 300–900 m. NC, WC

tenuilobus (DC.) B.Nord.
Osteospermum tenuilobum DC. (4)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 150–600 m. WC

tenuissimus (L.) DC. subsp. **tenuissimus**
E. carnosus Cass., illegitimate name (4)
E. khamiesbergensis Hutch. (4)
E. longifolius Cass. (4)
E. strictus DC. (4)
Jacobaeastrum tenuissimum (L.) Kuntze (4)
Othonna linifolia Burm.f., illegitimate name (4)
Othonna tenuissima L. (4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 90–1400 m. NC, WC

tenuissimus (L.) DC. subsp. **trifurcatus** (L.f.) B.Nord.
E. trifurcatus (L.f.) Cass. (4)
Jacobaeastrum trifurcatum (L.f.) Kuntze (4)
Othonna trifurcata L.f. (4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 200–1065 m. WC

tenuissimus of author, not of (L.) DC. in part, concept invalid = **E. brevipapposus**

tenuissimus of author, not of (L.) DC. in part, concept invalid = **E. rehmannii**

thunbergii B.Nord.
E. linifolius of author, not of (L.) DC., concept invalid (4)
E. longipes of author, not of DC., concept invalid (4)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 60–795 m. WC

transvaalensis Klatt subsp. **setilobus** (N.E.Br.) B.Nord.
E. caespitosus Markötter (4)
E. neptunicus S.Moore (4)
E. setilobus N.E.Br. (4)
E. striatus N.E.Br. (4)
Gamolepis caudata Klatt ex Burtt Davy & R.Pott (4)
Perennial. Herb. Ht 0.02–0.25 m. Alt 900–2030 m. M, S, FS, KZN

transvaalensis Klatt subsp. **transvaalensis**
E. multinervis N.E.Br. (4)
Perennial. Herb. Ht 0.02–0.3 m. Alt 900–2100 m. NW, G, M, S, FS, KZN

trifidus (L.f.) DC.
Jacobaeastrum trifidum (L.f.) Kuntze (4)
Othonna trifida L.f. (4)
Perennial. Shrub. Ht 0.5–1 m. Alt 1450–1800 m. NC, WC

trifurcatus (L.f.) Cass. = **E. tenuissimus** subsp. **trifurcatus**

trifurcatus of author in part, not of (L.f.) Cass., concept invalid = **E. rupestris** var. **rupestris**

trifurcatus of author, not of (L.f.) Cass.; Hutch., concept invalid = **E. rupestris** var. **dasycarpus**

trilobus Harv.
Jacobaeastrum trilobum (Harv.) Kuntze (4)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 1500–2400 m. EC

triqueter Less. ex Harv. = **E. oligoglossus** subsp. **oligoglossus**

tysonii E.Phillips
E. krookii Gand. (4)
E. lateriflorus (L.f.) DC. var. *oblongifolia* O.Hoffm. (4)
E. lateriflorus of author, not of (L.f.) DC., concept invalid (4)
E. tysonii E.Phillips var. *dieterleniae* E.Phillips (4)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 1220–2470 m. FS, KZN, L, EC

tysonii E.Phillips var. *dieterleniae* E.Phillips = **E. tysonii**

ursinoides B.Nord.
Perennial. Shrub. Ht 1–2 m. Alt 30–600 m. EC

virgatus B.Nord.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 600–900 m. NC

virgineus (L.f.) DC.
E. flabelliformis Cass., illegitimate name (4)
Jacobaeastrum virgineum (L.f.) Kuntze (4)
Othonna virginea L.f. (4)
Perennial. Shrub. Ht 0.45–3.5 m. Alt 15–1770 m. WC, EC

wageneri Compton
Perennial. Shrub. Ht up to 1.5 m. Alt 700–1220 m. NC, WC

walterorum Merxm.
Perennial. Shrub. Ht 0.7–1.5 m. Alt 2000–2334 m. N

zeyheri B.Nord.
E. longipes DC. var. *integrifolius* Harv. in part (4)
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC?

*FACELIS Cass. 8986000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 4.

retusa (Lam.) Sch.Bip.
Gnaphalium retusum Lam. (1)
Helichrysum retusum (Lam.) Spreng. (1)
Annual. Herb. Ht up to 0.25 m. Alt 5–1500 m. KZN, EC

FELICIA Cass. 8919000

Compiled by P.P.J. Herman

(1) Moore. 1926. *Journal of Botany, London* 64: 304.
(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 250.
(3) Yeo. 1970. *Taxon* 19: 946.
(4) Grau. 1972. *The Flowering Plants of Africa* 42: t. 1645.
(5) Grau. 1973. *Mitteilungen der Botanischen Staatssammlung München* 9: 195–705.
(6) Manning & Goldblatt. 2002. *Bothalia* 32: 193–195.

aculeata Grau
Agathaea hirta DC. (5)
Aster hirtus (DC.) Harv. (5)
Perennial. Shrub. Ht 0.1–0.6 m. Alt 30–1200 m. WC

adfinis (Less.) Nees = **F. dubia**

aethiopica (Burm.f.) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **aethiopica**
Agathaea amelloides (L.) DC. var. *kraussii* (Sch.Bip.) Sch.Bip. (5)
Agathaea kraussii Sch.Bip. (5)
Agathaea microphylla Cass. (5)
Aster aethiopicus Burm.f. (5)
Aster aethiopicus Burm.f. var. *glandulosus* Harv. (5)
Aster kraussii (Sch.Bip.) Harv. (5)
Cineraria microphylla (Cass.) Vahl ex DC. (5)
Perennial. Shrub. Ht 0.4–0.5 m. Alt 30–1000 m. WC

aethiopica (Burm.f.) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **ecklonis** (Less.) Grau
Agathaea ecklonis (Less.) Nees (5)
Aster ecklonis Less. (5)
Perennial. Shrub. Ht 0.6–1 m. Alt 10–2100 m. KZN, WC, EC

alba Grau
Annual. Herb. Ht up to 0.3 m. Alt 900–1500 m. N

amelloides (L.) Voss
Agathaea amelloides (L.) DC. (5)
Agathaea coelestis Cass. (5)
Agathaea rotundifolia (Thunb.) Nees (5)
Aster capensis Less. var. *rotundifolius* (Thunb.) Harv. (5)
Aster rotundifolius Thunb. (5)
Cineraria amelloides L. (5)
Cineraria oppositifolia Moench (5)
Perennial or biennial. Herb or shrub. Ht 0.2–1 m. Alt 0–1000 m. WC, EC

amelloides Schltr. = **F. drakensbergensis**

amoena (Sch.Bip.) Levyns subsp. **amoena**
Agathaea amoena Sch.Bip. (5)
Aster amoenus (Sch.Bip.) Harv. (5)
Aster elongatus Thunb. var. *spathulaefolius* Harv. (5)
Aster pappei Harv. (5)
Biennial or perennial. Herb. Ht up to 0.25 m. Alt up to 700 m. WC

amoena (Sch.Bip.) Levyns subsp. **latifolia** Grau
Biennial or perennial. Herb. Ht 0.06–1.28 m. Alt 1–275 m. WC, EC

amoena (Sch.Bip.) Levyns subsp. **stricta** (DC.) Grau
Agathaea stricta DC. (5)
Aster adfinis Less. var. *strictus* (DC.) Harv. (5)
Biennial or perennial. Herb. Ht up to 0.3 m. Alt 15–1200 m. WC

angustifolia (Jacq.) Nees var. *glabra* DC. = **F. hyssopifolia** subsp. **glabra**

angustifolia (Jacq.) Nees var. *hyssopifolia* (P.J.Bergius) DC. = **F. hyssopifolia** subsp. **hyssopifolia**

annectens (Harv.) Grau
Aster annectens Harv. (5)
Annual. Herb. Ht up to 0.15 m. Alt 100–300 m. WC

anthemidodes (Hiern) Mendonça
Detris ericifolia (Forssk.) Hiern var. *anthemidodes* Hiern (5)
Annual or biennial. Herb. Ht 0.1–0.4 m. Alt 0–900 m. N, B

asper Burtt Davy = **Aster bakerianus**

australis (Alston) E.Phillips
Aster dentatus Thunb. (5)
Aster tenellus L. var. *glaber* Harv. (5)
Psednotrichia australis Alston (5)
Annual. Herb. Ht 0.07–0.25 m. Alt 300–1675 m. NC, WC

bachmanni Thell. = **F. serrata**

bachmanni Thell. var. *schlechteri* Thell. = **F. serrata**

bechuanica Mattf.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 425–600 m. B, LIM

bellidioides Schltr. subsp. **bellidioides**
Perennial. Herb or dwarf shrub. Ht up to 0.25 m. Alt 900–2500 m. WC

bellidioides Schltr. subsp. **foliata** Grau
Perennial. Herb or dwarf shrub. Ht up to 0.2 m. Alt 914–2060 m. WC

bergeriana (Spreng.) O.Hoffm.
Agathaea bergeriana (Spreng.) DC. (5)
Aster bergerianus (Spreng.) Harv. (5)
Cineraria bergeriana Spreng. (5)
Elphegea bergeriana (Spreng.) Less. (5)
F. bergeriana (Spreng.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
Annual. Herb. Ht 0.15–0.25 m. Alt 4–460 m. NC, WC

bergeriana (Spreng.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. bergeriana**

brachyglossa Cass. = **F. cymbalariae** subsp. **cymbalariae**

brevifolia (DC.) Grau
Agathaea brevifolia DC. (5)
Aster dregei (DC.) Harv. var. *dentata* (DC.) Harv. (5)
Aster grossedentatus Dinter (5)
Aster scabridus (DC.) E.Mey. ex Harv. & Sond. var. *brevifolius* (DC.) Harv. (5)
F. dregei DC. var. *dentata* DC. (5)
F. grossedentata (Dinter) Range (5)
Perennial. Shrub. Ht 0.4–1.52 m. Alt 900–2200 m. N, NC, WC?

buchubergensis (Dinter) Merxm. = **F. hirsuta**

burchellii N.E.Br. = **F. flanaganii**

burkei (Harv.) L.Bolus
Aster burkei Harv. (5)
Aster rufibarbis Harv. (5)
Perennial. Shrub. Ht 0.07–0.45 m. Alt 915–1370 m. N, FS, NC, EC

caespitosa Grau
Perennial. Herb. Ht up to 0.15 m. Alt 2000–2538 m. L, EC

caffrorum (Less.) Nees = **Microglossa caffrorum**

cana DC.
Aster hyssopifolius P.J.Bergius var. *canus* (DC.) Harv. (5)
Perennial. Dwarf shrub. Ht 0.1–0.22 m. Alt 45–425 m. WC

canaliculata Grau
Perennial. Shrub. Ht up to 0.4 m. Alt 15–30 m. WC

candollei (Harv.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. cymbalarioides**

ciliaris DC. = **Gymnostephium ciliare**

ciliaris DC. var. *leiopoda* DC. = **F. zeyheri** subsp. **zeyheri**

clavipilosa Grau subsp. **clavipilosa**
F. hyssopifolia of author, not of (P.J.Bergius) Nees, concept invalid (5)
Perennial. Shrub. Ht 0.07–0.6 m. Alt 365–1800 m. N, B, NC

clavipilosa Grau subsp. **transvaalensis** Grau
Perennial. Shrub. Ht 0.11–0.6 m. Alt 595–1800 m. B, LIM, G, M

comptonii Grau
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1000–1500 m. WC

cotuloides DC. = **F. tenella** subsp. **cotuloides**

cymbalariae (Aiton) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **cymbalariae**
Aster cymbalariae Aiton (5)
Aster hirsutus (Vent.) Harv. (5)
Aster oppositifolius L. (5)
Cineraria hirsuta Vent. (5)
F. brachyglossa Cass. (5)
Munichia brachyglossa (Cass.) Cass. (5)
Munichia cymbalariae (Aiton) Nees (5)
Munichia cymbalariae (Aiton) Nees var. *microcephala* DC. (5)
Munichia hirsuta (Vent.) DC. (5)
Perennial. Herb. Ht up to 0.3 m. Alt 200–1850 m. WC

cymbalariae (Aiton) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **ionops** (Harv.) Grau
Aster cymbalariae Aiton var. *ionops* Harv. (5)
Perennial. Herb. Ht up to 0.3 m. Alt 600–1890 m. WC

cymbalarioides (DC.) Grau
Aster candollei Harv. (5)
F. candollei (Harv.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
Munichia cymbalarioides DC. (5)
Annual, occ. perennial. Herb. Ht up to 0.25 m. Alt 400–1500 m. WC

denticulata Grau
Perennial. Shrub. Ht up to 0.5 m. Alt 300–1000 m. WC

deserti Schltr. ex Grau
F. deserti Schltr. ex Hutch. (5)
Perennial. Shrub. Ht up to 0.2 m. Alt 300–500 m. NC

deserti Schltr. ex Hutch. = **F. deserti**

diffusa (DC.) Grau subsp. **diffusa**
Agathaea diffusa DC. (5)
Aster demissus Harv. (5)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 610–1200 m. WC

diffusa (DC.) Grau subsp. **khamiesbergensis** Grau
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 1200–1400 m. NC

drakensbergensis J.M.Wood & M.S.Evans
F. amelloides Schltr. (5)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 2000–3355 m. KZN, L

dregei DC.
Aster dregei (DC.) Harv. (5)
F. dregei DC. var. *incisa* O.Hoffm. (5)

Perennial. Shrub. Ht 0.6–1.5 m. Alt 60–1100 m. NC, WC

dregei DC. var. *dentata* DC. = **F. brevifolia**

dregei DC. var. *incisa* O.Hoffm. = **F. dregei**

dubia Cass.
Aster adfinis Less. (5)
F. adfinis (Less.) Nees (5)
F. pusilla N.E.Br. (5)
Annual. Herb. Ht 0.05–0.4 m. Alt 30–1035 m. NC, WC

ebracteata Grau
Perennial. Shrub. Ht 0.15–0.5 m. Alt 45–180 m. WC

echinata (Thunb.) Nees
Aster echinatus (Thunb.) Less. (5)
Aster echinatus (Thunb.) Less. var. *paralia* (DC.) Harv. (5)
F. paralia DC. (5)
Pteronia echinata Thunb. (5)
Perennial. Shrub. Ht 0.3–1 m. Alt 0–155 m. WC, EC

elongata (Thunb.) O.Hoffm.
Agathaea elongata (Thunb.) Nees (5)
Agathaea tricolor Nees (5)
Aster elongatus Thunb. (5)
Aster elongatus Thunb. var. *thunbergii* Harv. (5)
Aster tricolor (Nees) Harv. (5)
F. elongata (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
Perennial. Herb or shrub. Ht up to 0.4 m. Alt 10–150 m. WC

elongata (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. elongata**

erigeroides DC.
Aster erigeroides (DC.) Harv. (5)
Aster erigeroides (DC.) Harv. var. *schultesii* Harv. (5)
Aster erigeroides (DC.) Harv. var. *trinervius* (Turcz.) Harv. (5)
F. natalensis Sch.Bip. ex Walp. (5)
F. trinervia Turcz. (5)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 6–1370 m. KZN, EC

erucifolia Thell. = **Aster erucifolius**

esterhuyseniae Grau
Perennial. Shrub. Ht up to 0.25 m. Alt 900–1500 m. WC

fascicularis DC.
Aster muricatus Thunb. var. *fascicularis* (DC.) E.Mey. ex Harv. (5)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 35–2200 m. LIM, NW, G, M, FS, NC, WC, EC

fascicularis DC. var. *pubescens* DC. = **F. zeyheri** subsp. **linifolia**

ferulacea Compton
Perennial. Shrub. Ht 0.5–2 m. Alt 500–2200 m. WC

ficoidea DC. = **Poecilolepis ficoidea**

filifolia (Vent.) Burtt Davy subsp. **bodkinii** (Compton) Grau
Aster bodkinii Compton (5)
F. teres Compton (5)
Fresenia fasciculata Bolus (5)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 90–3800 m. NC, WC, EC

filifolia (Vent.) Burtt Davy subsp. **filifolia**
Aster filifolius Vent. (5)
Diplopappus filifolius (Vent.) DC. (5)
Diplopappus filifolius (Vent.) DC. var. *teretifolius* (Less.) DC. (5)
Diplopappus teretifolius Less. (5)
Diplostephium filifolium (Vent.) Nees (5)
Diplostephium teretifolium (Less.) Nees (5)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–2450 m. NW, G, M, FS, KZN, L, NC, WC, EC

filifolia (Vent.) Burtt Davy subsp. **schaeferi** (Dinter) Grau
Aster schaeferi Dinter (5)
Fresenia leptophylla DC. (5)
Perennial. Shrub. Ht 0.15–0.25 m. Alt 15–2000 m. N, NC, WC

filifolia (Vent.) Burtt Davy subsp. **schlechteri** (Compton) Grau
Aster schlechteri Compton (5)
Diplopappus elongatus DC. (5)
Diplopappus filifolius (Vent.) DC. var. *elongatus* (DC.) Harv. (5)
Perennial. Shrub. Ht 0.3–1 m. Alt 370–1100 m. WC, EC

flanaganii Bolus
F. burchellii N.E.Br. (5)
Perennial. Shrub. Ht up to 0.45 m. Alt 90–795 m. EC

fragilis Cass. = **F. tenella** subsp. **tenella**

frutescens R.E.Fr. = **F. muricata** subsp. **muricata**

fruticosa (L.) G.Nicholson subsp. **brevipedunculata** (Hutch.) Grau
Aster brevipedunculatus Hutch. (5)
Perennial. Shrub. Ht 0.53–1.3 m. Alt 1000–1920 m. LIM

fruticosa (L.) G.Nicholson subsp. **fruticosa**
Aster fruticosus L. (5)
Aster fruticulosus Willd. (5)
Diplopappus extenuatus (Nees) DC. (5)
Diplopappus fruticosus (L.) Levyns (5)
Diplopappus fruticulosus (Willd.) Less. (5)
Diplostephium extenuatum Nees (5)
Diplostephium fruticulosum (Willd.) Nees (5)
Diplostephium longipes Cass. (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 46–300 m. WC

gariepina (DC.) L.Bolus = **Nolletia gariepina**

grossedentata (Dinter) Range = **F. brevifolia**

gunillae B.Nord.
Perennial. Shrub. Ht up to 1.5 m. Alt 2000–2560 m. N

heterophylla (Cass.) Grau
Charieis caerulea Cass. (5)
Charieis heterophylla Cass. (5)
Charieis neesii Cass. (5)
Kaulfussia amelloides Nees (5)
Annual. Herb. Ht up to 0.35 m. Alt 5–1220 m. WC

hirsuta DC.
Aster buclubergensis Dinter (5)
Aster confusus Harv. (5)
F. buchubergensis (Dinter) Merxm. (5)
Perennial. Shrub. Ht 0.01–0.6 m. Alt 100–2000 m. N, FS, NC, WC, EC

hirta (Thunb.) Grau
Aster hirtus Thunb. (5)
Aster hyssopifolius P.J.Bergius var. *hirtus* (Thunb.) Harv. (5)
Perennial. Shrub. Ht 0.15–0.35 m. Alt 60–1400 m. NC, WC, EC

hispida (DC.) Grau
Agathaea hispida DC. (5)
Agathaea hispida DC. var. *barbigera* DC. (5)
Aster elongatus Thunb. var. *barbiger* (DC.) Harv. (5)
Aster elongatus Thunb. var. *thunbergii* Harv. in part (5)
Perennial. Herb. Ht up to 0.3 m. Alt 600–1300 m. NC, WC

hyssopifolia of author, not of (P.J.Bergius) Nees, concept invalid = **F. clavipilosa** subsp. **clavipilosa**

hyssopifolia (P.J.Bergius) Nees subsp. **glabra** (DC.) Grau
Aster serrulatus Harv. var. *glaber* (DC.) Harv. (5)
Aster simulans Harv. (5)
F. angustifolia (Jacq.) Nees var. *glabra* DC. (5)
F. lasiopoda Hutch. (5)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 2–1600 m. NC, WC

hyssopifolia (P.J.Bergius) Nees subsp. **hyssopifolia**
Aster angustifolius Jacq. (5)
Aster hyssopifolius P.J.Bergius (5)
Aster villosus Thunb. in part (5)
F. angustifolia (Jacq.) Nees var. *hyssopifolia* (P.J.Bergius) DC. (5)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 30–335 m. WC

hyssopifolia (P.J.Bergius) Nees subsp. **polyphylla** (Harv.) Grau
Aster serrulatus Harv. var. *densus* Harv. (5)
Aster serrulatus Harv. var. *polyphyllus* Harv. (5)
Perennial. Shrub. Ht 0.15–0.9 m. Alt 30–1676 m. L, WC, EC

hyssopifolia (P.J.Bergius) Nees var. *straminea* (Hiern) Mendonça = **F. mossamedensis**

imbricata DC. = **Polyarrhena imbricata**

josephinae J.C.Manning & Goldblatt
Annual. Herb. Ht 0.15–0.2 m. Alt 0–300 m. WC

joubertinae Grau subsp. **glabrescens** Grau
Perennial. Shrub. Ht up to 0.3 m. Alt 600–900 m. EC

joubertinae Grau subsp. **joubertinae**
Perennial. Shrub. Ht up to 0.4 m. Alt 600–900 m. EC

karooica Compton = **F. lasiocarpa**

lasiocarpa DC.
Aster lasiocarpus (DC.) Harv. (5)
F. karooica Compton (5)
Perennial. Shrub. Ht up to 0.3 m. Alt up to 1524 m. WC

lasiocarpa (DC.) Compton, not of DC. = **Zyrphelis lasiocarpa**

lasiopoda Hutch. = **F. hyssopifolia** subsp. **glabra**

linearis N.E.Br.
F. lingulata Klatt ex Schinz (5)
Perennial. Herb. Ht up to 0.2 m. Alt 1800–3355 m. KZN, L, EC

lingulata Klatt ex Schinz = **F. linearis**

linifolia (Harv.) Grau
Agathaea zeyheri Nees (5)
Aster linifolius Harv. (5)
Aster venustus Fourc. (5)
Cineraria linifolia Zeyh. ex DC. (5)
Perennial. Shrub. Ht up to 0.45 m. Alt 425–1200 m. WC, EC

lutea N.E.Br. = **F. mossamedensis**

macrorrhiza (Thunb.) DC.
Aster macrorrhizus Thunb. (5)
Fresenia nana Hutch. (5)
Fresenia scaposa DC. (5)
Fresenia stuposa Steud. (5)
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt up to 1370 m. NC

maritima Bolus = **Poecilolepis maritima**

merxmuelleri Grau
Annual. Herb. Ht 0.1–0.3 m. Alt 195–1300 m. NC, WC

microcephala Grau
Perennial. Shrub. Ht up to 0.3 m. Alt 300–950 m. EC

microsperma DC.
Aster microspermus (DC.) Harv. (5)
Annual. Herb. Ht 0.12–0.5 m. Alt 235–1200 m. N, NC, WC

minima (Hutch.) Grau
Aster elongatus Thunb. var. *pappei* Harv. (5)
Aster minimus Hutch. (5)
Annual. Herb. Ht 0.05–0.25 m. Alt 100–1500 m. WC

monocephala Grau
Perennial. Herb. Ht up to 0.09 m. Alt 3048–3352 m. L

mossamedensis (Hiern) Mendonça
Aster luteus (N.E.Br.) Hutch. (5)
Detris hyssopifolia (P.J.Bergius) Hiern var. *straminea* Hiern (5)
Detris mossamedensis Hiern (5)
F. hyssopifolia (P.J.Bergius) Nees var. *straminea* (Hiern) Mendonça (5)
F. lutea N.E.Br. (5)
Annual, occ. perennial. Herb. Ht 0.07–0.3 m. Alt 155–2350 m. B, LIM, G, M, S, KZN

muricata (Thunb.) Nees subsp. **cinerascens** Grau
Detris dinteri S.Moore (5)
Perennial. Shrub. Ht 0.15–0.35 m. Alt 150–1300 m. N, B, NW, NC

muricata (Thunb.) Nees subsp. **muricata**
Aster muricatus Thunb. (5)
Aster muricatus Thunb. var. *chrysocomoides* Sond. (5)
Aster villosus Thunb. in part (5)
F. frutescens R.E.Fr. (5)
Perennial. Shrub. Ht 0.02–0.7 m. Alt 10–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

muricata (Thunb.) Nees subsp. **strictifolia** Grau
Perennial. Shrub. Ht 0.08–0.5 m. Alt 1000–1750 m. LIM, NW, G, M

namaquana (Harv.) Merxm.
Aster elongatus Thunb. var. *candollei* Harv. (5)
Aster namaquanus Harv. (5)
F. prageri Mattf. (5)
F. schenckii O.Hoffm. (5)
Susanna dinteri E.Phillips (5)
Annual. Herb. Ht 0.05–0.25 m. Alt 90–1370 m. N, NC, WC

nana Mattf. = **F. smaragdina**

natalensis Sch.Bip. ex Walp. = **F. erigeroides**

natalensis (Sch.Bip.) Schltr. = **F. rosulata**

nigrescens Grau
Perennial. Herb. Ht up to 0.06 m. Alt 300–350 m. WC

nordenstamii Grau
Perennial. Shrub. Ht up to 0.5 m. Alt up to 170 m. WC

odorata Compton
Perennial. Shrub. Ht up to 0.4 m. Alt up to 1500 m. NC, WC

oleosa Grau
Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1500 m. WC

ovata (Thunb.) Compton
Agathaea barbata DC. (5)
Agathaea barbata DC. var. *subalbescens* DC. (5)
Agathaea strigosa (A.Spreng.) Nees (5)
Aster barbatus (DC.) Harv. (5)
Aster charieis Less. (5)
Aster elongatus Thunb. var. *crassifolius* Harv. (5)
Aster strigosus (A.Spreng.) Harv. (5)
Detris barbata (DC.) Schltr. (5)
Kaulfussia strigosa Spreng.f. (5)

Leysera ovata Thunb. (5)
Mairia felicioides Hutch. & Corbishley (5)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 90–2000 m. FS, NC, WC, EC

paralia DC. = **F. echinata**

petiolata (Harv.) N.E.Br.
Aster petiolatus Harv. (5)
Perennial. Herb. Ht 0.9–1 m. Alt 1500–2400 m. FS, L, EC

pinnatifida J.M.Wood & M.S.Evans = **Aster erucifolius**

prageri Mattf. = **F. namaquana**

puberula Grau
Annual. Herb. Ht 0.25–0.35 m. Alt 300–1300 m. NC, WC

pusilla N.E.Br. = **F. dubia**

quinquenervia (Klatt) Grau
Aster quinquenervius Klatt (5)
Aster woodii Klatt (5)
Perennial. Herb. Ht 0.15–0.6 m. Alt 600–2895 m. KZN, L?, EC

reflexa (L.) DC. = **Polyarrhena reflexa** subsp. **reflexa**

retorta DC. = **Senecio retortus**

rigidula DC. = **Chrysocoma rigidula**

rigidula DC. var. *subcanescens* DC. = **Chrysocoma rigidula**

rogersii S.Moore
Perennial. Shrub. Ht 0.15–0.4 m. Alt up to 1844 m. WC

rosulata Yeo
Agathaea natalensis Sch.Bip. (3, 5)
Aster natalensis (Sch.Bip.) Harv. (3, 5)
F. natalensis (Sch.Bip.) Schltr. (3, 5)
Perennial. Herb. Ht 0.1–0.3 m. Alt 640–3290 m. M, S, FS, KZN, L, EC

scabrida (DC.) Range
Agathaea scabrida DC. (5)
Aster scabridus (DC.) E.Mey. ex Harv. & Sond. (5)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 600–1220 m. NC, WC

schenckii O.Hoffm. = **F. namaquana**

serrata (Thunb.) Grau
Agathaea serrata (Thunb.) Nees (5)
Aster serratus Thunb. (5)
F. bachmanni Thell. (5)
F. bachmanni Thell. var. *schlechteri* Thell. (5)
Perennial. Herb. Ht up to 0.4 m. Alt 900–1525 m. WC

serrulata (Harv.) Burtt Davy = **Aster harveyanus**

smaragdina (S.Moore) Merxm.
Detris smaragdina S.Moore (5)
Detris smaragdina S.Moore var. *versicolor* S.Moore (5)
F. nana Mattf. (5)
Annual. Herb. Ht 0.15–0.4 m. Alt 500–1435 m. N

stenophylla Grau
Perennial. Herb or shrub. Ht up to 0.6 m. Alt 640–780 m. NC, WC

stricta Compton = **F. venusta**

tenella (L.) Nees subsp. **cotuloides** (DC.) Grau
Aster tenellus L. var. *cotuloides* (DC.) Harv. (5)
F. cotuloides DC. (5)
Annual. Herb. Ht up to 0.2 m. Alt 70–609 m. NC; WC

tenella (L.) Nees subsp. **longifolia** (DC.) Grau
Aster tenellus L. var. *longifolius* (DC.) Harv. (5)
F. tenella (L.) Nees var. *longifolia* DC. (5)
Kaulfussia ciliata Spreng. (5)
Annual. Herb. Ht up to 0.3 m. Alt 10–700 m. WC

tenella (L.) Nees subsp. **pusilla** (Harv.) Grau
Aster tenellus L. var. *pusillus* Harv. (5)
Annual. Herb. Ht up to 0.2 m. Alt 30–1000 m. WC

tenella (L.) Nees subsp. **tenella**
Aster tenellus L. (5)
Aster tenellus L. var. *robustus* Harv. (5)
Cineraria tenella (L.) Link (5)
Detris tenella (L.) S.Moore (5)
F. fragilis Cass. (5)
Annual. Herb. Ht up to 0.45 m. Alt 5–765 m. WC

tenella (L.) Nees var. *longifolia* DC. = **F. tenella** subsp. **longifolia**

tenera (DC.) Grau
Agathaea tenera DC. (5)
Aster tener (DC.) Harv. (5)
Annual. Herb. Ht up to 0.4 m. Alt 200–900 m. NC

teres Compton = **F. filifolia** subsp. **bodkinii**

trinervia Turcz. = **F. erigeroides**

tsitsikamae Grau
Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1525 m. WC

uliginosa (J.M.Wood & M.S.Evans) Grau
Aster uliginosus J.M.Wood & M.S.Evans (5)
Perennial. Herb. Ht 0.06–0.15 m. Alt 2700–3400 m. KZN, L

venusta S.Moore
F. stricta Compton (5)
Perennial. Shrub. Ht up to 0.3 m. Alt 600–1220 m. WC

westae (Fourc.) Grau
Aster westae Fourc. (5)
Perennial. Shrub. Ht up to 0.4 m. Alt 50–250 m. WC, EC

whitehillensis Compton
Perennial. Shrub. Ht 0.22–0.45 m. Alt 670–1220 m. NC, WC

wrightii Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.2 m. Alt 1500–2000 m. KZN

zeyheri (Less.) Nees subsp. **linifolia** (Harv.) Grau
Aster hyssopifolius P.J.Bergius var. *linifolius* Harv. (5)
F. fascicularis DC. var. *pubescens* DC. (5)
Perennial. Shrub. Ht up to 0.4 m. Alt 155–1900 m. WC, EC

zeyheri (Less.) Nees subsp. **zeyheri**
Aster serrulatus Harv. var. *setosus* Harv. (5)
Aster zeyheri Less. (5)
F. ciliaris DC. var. *leiopoda* DC. (5)
Perennial. Shrub. Ht up to 0.3 m. Alt 10–1435 m. EC

*FLAVERIA Juss. 9282000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 324, 325.

bidentis (L.) Kuntze
F. contrayerba (Cav.) Pers. (1)
Annual. Herb. Ht 0.2–1.2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

contrayerba (Cav.) Pers. = **F. bidentis**

FOVEOLINA Källersjö 9366040

Compiled by P.P.J. Herman

(1) Hutchinson. 1946. *A botanist in southern Africa*: 144.

(2) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 371–374.
(3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 316–320.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 326.
(5) Beyers. 2002. *Bothalia* 32: 185.

albida (DC.) Källersjö = **F. dichotoma**

albidiformis (Thell.) Källersjö
Matricaria albidiformis Thell. (3)
Pentzia membranacea Hutch. (3)
Annual. Herb. Ht up to 0.15 m. Alt ± 800 m. NC, WC

dichotoma (DC.) Källersjö
F. albida (DC.) Källersjö (5)
Matricaria albida (DC.) Fenzl ex Harv. (5)
Matricaria dichotoma (DC.) Fenzl ex Harv. (3, 5)
Matricaria hirsutifolia S.Moore (5)
Pentzia albida (DC.) Hutch. (5)
Pentzia annua DC. (5)
Pentzia dichotoma DC. (3, 5)
Tanacetum albidum DC. (5)
Annual. Herb. Ht 0.04–0.35 m. Alt 25–1400 m. N, NC, WC, EC

schinziana (Thell.) Källersjö
Matricaria schinziana Thell. (3)
Pentzia schinziana (Thell.) Merxm. & Eberle (3)
Annual. Herb. Ht 0.1–0.3 m. Alt? N

tenella (DC.) Källersjö
Matricaria tenella DC. (3)
Annual. Herb. Ht 0.05–0.5 m. Alt 15–975 m. NC, WC

FRESENIA DC. 8859000

fasciculata Bolus = **Felicia filifolia** subsp. **bodkinii**
foliosa Klatt = **Pegolettia retrofracta**
leptophylla DC. = **Felicia filifolia** subsp. **schaeferi**
nana Hutch. = **Felicia macrorrhiza**
pinnatilobata Klatt = **Pegolettia pinnatilobata**
scaposa DC. = **Felicia macrorrhiza**
stuposa Steud. = **Felicia macrorrhiza**

*GAILLARDIA Foug. 9306000

Compiled by N. Netnou

(1) Bailey & Bailey. 1977. *Hortus third*: 492.
(2) Hilliard. 1977. *Compositae in Natal*: 327, 328.

aristata Pursh
Perennial. Herb. Ht up to 0.6 m. Alt up to 1345 m. NW

pulchella Foug.
Annual. Herb. Ht up to 0.5 m. Alt 5–1345 m. NW, FS, KZN, EC

GALEOMMA Rauschert 8987010

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 13–15.

oculus-cati (L.f.) Rauschert
Eriosphaera oculus-cati (L.f.) Less. (1)
Gnaphalium oculus-cati L.f. (1)
Annual. Herb, prostrate. Length 0.01–0.02 m. Alt up to 1400 m. NC

stenolepis (S.Moore) Hilliard
Eriosphaera stenolepis (S.Moore) Hilliard & B.L.Burtt (1)
Gnaphalium stenolepis S.Moore (1)
Annual. Herb, prostrate. Length 0.03–0.15 m. Alt 500–1500 m. N, B, NC

*GALINSOGA Ruíz & Pav. 9246000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 322, 323.

ciliata (Raf.) S.F.Blake
Adventina ciliata Raf. (1)
Annual. Herb. Ht up to 0.5 m. Alt 50–1600 m. LIM, NW, G, M, S, KZN

parviflora Cav.
Annual. Herb. Ht 0.07–0.5 m. Alt 10–2325 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

*GAMOCHAETA Wedd. 8992060

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 27–29.
(2) Kerguélen. 1987. *Lejeunia* 120: 104.
(3) Anderberg. 1991. *Opera Botanica* 104: 155–157.
(4) Hilliard. 1994. *Compositae in Natal Addendum*: 3.

calviceps (Fernald) Cabrera
Gnaphalium calviceps Fernald (3)
Annual. Herb. Ht up to 0.3 m. Alt up to 1000 m. KZN

coarctata (Willd.) Kerguélen
G. spicata (Lam.) Cabrera (2, 4)
Gnaphalium coarctatum Willd. (2, 4)
Gnaphalium spicatum Lam. (2, 4)
Annual or biennial. Herb. Ht up to 0.5 m. Alt 50–2000 m. G, M, S, KZN, WC, EC

pennsylvanica (Willd.) Cabrera
Gnaphalium pennsylvanicum Willd. (3)
Gnaphalium peregrinum Fernald (1, 3)
Annual. Herb. Ht up to 0.4 m. Alt up to 1200 m. LIM, NW, G, M, S, FS, KZN, EC

spicata (Lam.) Cabrera = **G. coarctata**

spiciformis (Sch.Bip.) Cabrera
Annual. Herb, erect or decumbent. Ht/Length 0.05–0.12 m. Alt 1000–1500 m. S, EC

subfalcata (Cabrera) Cabrera
Gnaphalium subfalcatum Cabrera (3)
Annual. Herb. Ht up to 0.35 m. Alt 0–2000 m. LIM, G, M, S, FS, KZN, EC

GAMOLEPIS Less. 9421000

brachypoda DC. = **Euryops brachypodus**
brachypoda DC. var. *integrifolia* Harv. = **Euryops brachypodus**
brachypoda DC. var. *tridens* Harv. = **Euryops brachypodus**
caudata Klatt ex Burtt Davy & R.Pott = **Euryops transvaalensis** subsp. **setilobus**
chrysanthemoides DC. = **Euryops chrysanthemoides**
debilis Harv. = **Euryops laxus**
ericoides (L.f.) Less. = **Euryops ericoides**
ericoides (L.f.) Less. var. *adpressifolius* (DC.) Harv. = **Euryops ericifolius**
euryopoides DC. = **Euryops euryopoides**
hebecarpa DC. = **Euryops hebecarpus**
intermedia Bolus = **Euryops bolusii**
laxa Harv. = **Euryops laxus**
leiocarpa (DC.) Harv. = **Euryops leiocarpus**
munita (L.f.) Less. = **Euryops munitus**
pectinata Less. = **Euryops pinnatipartitus**
pectinata Less. var. *natalensis* Sch.Bip. = **Euryops laxus**
pinnatipartita (DC.) Harv. = **Euryops pinnatipartitus**
polytrichoides Harv. = **Euryops polytrichoides**

speciosa Pillans = **Steirodiscus speciosus**

tagetes (L.) DC. = **Steirodiscus tagetes**

trifurcata Less. = **Euryops anthemoides** subsp. **anthemoides**

GARULEUM Cass. 9426000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 92.
(2) Moore. 1878. *Journal of Botany, London* 16: 133.
(3) Norlindh. 1943. *Studies in the Calenduleae*: 30, 33.
(4) Merxmüller. 1967. *FSWA* 139: 71, 72.
(5) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1593.
(6) Hilliard. 1977. *Compositae in Natal*: 515–519.
(7) Norlindh. 1977. *Botaniska Notiser* 130: 377–380.

album S.Moore
Perennial. Shrub. Ht 0.6–0.9 m. Alt 600–610 m. EC

bipinnatum (Thunb.) Less.
Dimorphotheca multifida DC. (7)
Osteospermum bipinnatum Thunb. (1, 7)
Perennial. Dwarf shrub or herb. Ht 0.3–1.5 m. Alt 305–1220 m. NC, WC, EC

bipinnatum Dinter = **G. schinzii** subsp. **crinitum**

crinitum Dinter = **G. schinzii** subsp. **crinitum**

latifolium Harv.
Osteospermum calendulaceum Harv. (6)
Perennial. Shrub or herb. Ht up to 1.2 m. Alt 335–800 m. KZN

pinnatifidum (Thunb.) DC.
G. viscosum Cass. (1)
Osteospermum caeruleum Aiton (1)
Osteospermum pinnatifidum Thunb. (1)
Perennial. Shrub or herb. Ht 0.3–1.5 m. Alt 765–1705 m. FS, NC, EC

schinzii O.Hoffm. subsp. **crinitum** (Dinter) Merxm.
G. bipinnatum Dinter (4)
G. crinitum Dinter (4)
Perennial. Herb or suffrutex. Ht 0.5–1.2 m. Alt? N

schinzii O.Hoffm. subsp. **schinzii**
Perennial. Herb or suffrutex. Ht 0.2–1 m. Alt 1069–1145 m. N, NC

sonchifolium (DC.) Norl.
Osteospermum sonchifolium DC. (3, 6)
Perennial. Shrub or herb. Ht 0.3–1.2 m. Alt 450–1860 m. KZN, EC

tanacetifolium (MacOwan) Norl.
Osteospermum tanacetifolium MacOwan (3)
Perennial. Shrub. Ht up to 0.9 m. Alt 1200–1400 m. EC

viscosum Cass. = **G. pinnatifidum**

woodii Schinz
Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 1645–2745 m. G, M, FS, KZN, L

GAZANIA Gaertn. 9434000

Compiled by E. Retief

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 51, 64, 69.
(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 183.
(3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 659.
(4) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 364–418.
(5) Merxmüller. 1967. *FSWA* 139: 72–74.
(6) Pope. 1992. *FZ* 6,1: 252–255.
(7) Retief & Herman. 1997. *Strelitzia* 6: 308.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 326, 327.

aculeata Muschl. ex Dinter = **G. schenckii**

araneosa DC. = **G. lichtensteinii**

arctotoides Less. = **G. krebsiana** subsp. **arctotoides**

armerioides DC. = **Hirpicium armerioides**

bracteata N.E.Br. = **G. krebsiana** subsp. **serrulata**

burchellii DC. = **Hirpicium echinus**

caespitosa Bolus
Perennial. Dwarf shrub. Ht ± 0.01 m. Alt 364–460 m. EC

canescens Harv. = **G. krebsiana** subsp. **serrulata**

ciliaris DC.
Perennial. Herb. Ht 0.01–0.25 m. Alt 30–700 m. WC

diffusa (Thunb.) Spreng. = **Gorteria diffusa** subsp. **diffusa**

forbesiana DC. = **Arctotheca forbesiana**

heterochaeta DC.
G. humilis E.Mey. ex DC. (4)
Perennial. Herb. Ht 0.05–0.08 m. Alt 212–1005 m. N, NC, WC

humilis E.Mey. ex DC. = **G. heterochaeta**

integrifolia (Thunb.) Spreng. = **Hirpicium integrifolium**

intrusa E.Mey. ex DC. = **G. othonnites**

jurineifolia DC. subsp. **jurineifolia**
Perennial. Herb. Ht 0.03–0.5 m. Alt 800–1405 m. FS, NC, WC, EC

jurineifolia DC. subsp. **scabra** (DC.) Roessler
G. pinnata (Thunb.) Less. var. *scabra* (DC.) Harv. (4)
G. varians of Dinter, not of DC., concept invalid (5)
G. venusta Taylor (4)
G. violacea Muschl. ex Engl. & Drude (4)
Perennial. Herb. Ht 0.05–0.1 m. Alt 40–400 m. N, NC

kraussii Sch.Bip. = **G. linearis** var. **linearis**

krebsiana Less. subsp. **arctotoides** (Less.) Roessler
G. arctotoides Less. (4)
G. leptophylla DC. (4)
G. longifolia Less. (4)
G. pavonia (Andrews) R.Br. var. *zeyheri* Harv. (4)
G. rogersii S.Moore (4)
Perennial. Herb. Ht 0.03–0.1 m. Alt 20–2745 m. B, LIM, NW, M, FS, NC, WC, EC

krebsiana Less. subsp. **krebsiana**
G. linearilobа DC. (4)
G. mucronata DC. (4)
G. oxyloba DC. (4)
G. varians DC. (4)
Perennial. Herb. Ht 0.05–0.2 m. Alt 15–3240 m. FS, KZN, L, NC, WC, EC

krebsiana Less. subsp. **serrulata** (DC.) Roessler
G. bracteata N.E.Br. (4)
G. canescens Harv. (4)
G. montana Spreng. (4)
G. munroi E.Phillips (4)
G. nivea of author, not of Less., concept invalid (4)
G. pygmaea Sond. (4)
G. schinzii O.Hoffm. (4)
G. serrulata DC. (4)
Perennial. Herb. Ht 0.05–0.1 m. Alt 15–2955 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

leiopoda (DC.) Roessler
G. pinnata (Thunb.) Less. var. *leiopoda* DC. (4)
Perennial. Herb. Ht 0.1–0.3 m. Alt 10–1525 m. NC, WC

leptophylla DC. = **G. krebsiana** subsp. **arctotoides**

leucolaena DC. = **G. rigens** var. **leucolaena**

lichtensteinii Less.
G. araneosa DC. (4)
G. suffruticosa of authors, not of Muschl., concept invalid (4)
Annual, occ. perennial. Herb. Ht 0.05–0.4 m. Alt 140–1365 m. N, NC, WC

linearifolia Bolus = **Hirpicium linearifolium**

lineariloba DC. = **G. krebsiana** subsp. **krebsiana**

linearis (Thunb.) Druce var. **linearis**
G. kraussii Sch.Bip. (4)
G. longiscapa DC. (4)
G. pinnata (Thunb.) Less. var. *multijuga* (DC.) Harv. (4)
G. subulata R.Br. (4)
Gorteria linearis Thunb. (4)
Perennial. Herb. Ht 0.1–0.3 m. Alt 5–1300 m. KZN, L, WC, EC

linearis (Thunb.) Druce var. **ovalis** (Harv.) Roessler
G. longiscapa DC. var. *ovalis* Harv. (4)
G. pottsii L.Bolus (4)
Perennial. Herb. Ht 0.1–0.3 m. Alt 150–856 m. EC

longifolia Less. = **G. krebsiana** subsp. **arctotoides**

longiscapa DC. = **G. linearis** var. **linearis**

longiscapa DC. var. *ovalis* Harv. = **G. linearis** var. **ovalis**

maritima Levyns
Perennial. Herb. Ht ± 0.1 m. Alt 1–200 m. NC, WC

montana Spreng. = **G. krebsiana** subsp. **serrulata**

mucronata DC. = **G. krebsiana** subsp. **krebsiana**

munroi E.Phillips = **G. krebsiana** subsp. **serrulata**

nivea of author, not of Less., concept invalid = **G. krebsiana** subsp. **serrulata**

othonnites (Thunb.) Less.
G. intrusa E.Mey. ex DC. (4)
Gorteria othonnites Thunb. (4)
Perennial. Herb, mat-forming. Ht ± 0.05 m. Alt 1100–1340 m. NC, WC

oxyloba DC. = **G. krebsiana** subsp. **krebsiana**

pavonia (Andrews) R.Br. var. *hirtella* (DC.) Harv. = **G. rigida**

pavonia (Andrews) R.Br. var. *zeyheri* Harv. = **G. krebsiana** subsp. **arctotoides**

pectinata (Thunb.) Spreng.
G. pinnata (Thunb.) Less. var. *grandis* (DC.) Harv. (4)
G. pinnata (Thunb.) Less. var. *speciosa* (Willd.) Harv. (4)
Gorteria pectinata Thunb. (4)
Annual. Herb, mat-forming. Ht 0.1–0.2 m. Alt 15–940 m. WC

pinnata (Thunb.) Less. var. *grandis* (DC.) Harv. = **G. pectinata**

pinnata (Thunb.) Less. var. *leiopoda* DC. = **G. leiopoda**

pinnata (Thunb.) Less. var. *multijuga* (DC.) Harv. = **G. linearis** var. **linearis**

pinnata (Thunb.) Less. var. *scabra* (DC.) Harv. = **G. jurineifolia** subsp. **scabra**

pinnata (Thunb.) Less. var. *serrata* (DC.) Harv. = **G. serrata**

pinnata (Thunb.) Less. var. *speciosa* (Willd.) Harv. = **G. pectinata**

pottsii L.Bolus = **G. linearis** var. **ovalis**

pygmaea Sond. = **G. krebsiana** subsp. **serrulata**

rigens (L.) Gaertn. var. **leucolaena** (DC.) Roessler
G. leucolaena DC. (4)
G. uniflora (L.f.) Sims var. *leucolaena* (DC.) Harv. (4)
Perennial. Herb, mat-forming. Ht 0.1–0.2 m. Alt ± 5 m. WC, EC

rigens (L.) Gaertn. var. **rigens**
Gorteria rigens L. (4)
Perennial. Herb, mat-forming. Known only in cultivation.

rigens (L.) Gaertn. var. **uniflora** (L.f.) Roessler
G. uniflora (L.f.) Sims, excl. var. *leucolaena* (DC.) Harv. (4)
Gorteria uniflora L.f. (4)
Perennial. Herb, trailing. Length up to 0.3 m. Alt 3–60 m. S, KZN, WC, EC

rigida (Burm.f.) Roessler
Arctotis rigida Burm.f. (4)
G. pavonia (Andrews) R.Br. var. *hirtella* (DC.) Harv. (4)
Perennial. Herb. Ht ± 0.05 m. Alt 5–765 m. NC, WC

rogersii S.Moore = **G. krebsiana** subsp. **arctotoides**

schenckii O.Hoffm.
G. aculeata Muschl. ex Dinter (4)
G. suffruticosa Muschl. (4)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 70–700 m. N, NC

schinzii O.Hoffm. = **G. krebsiana** subsp. **serrulata**

serrata DC.
G. pinnata (Thunb.) Less. var. *serrata* (DC.) Harv. (4)
Perennial. Herb. Ht 0.1–0.15 m. Alt 15–1370 m. NC, WC

serrulata DC. = **G. krebsiana** subsp. **serrulata**

subulata R.Br. = **G. linearis** var. **linearis**

suffruticosa Muschl. = **G. schenckii**

suffruticosa of author, not of Muschl., concept invalid = **G. lichtensteinii**

tenuifolia Less.
Gorteria tenuifolia Licht. ex Less. (4)
Annual. Herb. Ht 0.05–0.15 m. Alt 40–1000 m. N, NC, WC

thermalis Dinter
Perennial. Herb. Ht 0.05–0.08 m. Alt 1276–1400 m. N

uniflora (L.f.) Sims, excl. var. *leucolaena* (DC.) Harv. = **G. rigens** var. **uniflora**

uniflora (L.f.) Sims var. *leucolaena* (DC.) Harv. = **G. rigens** var. **leucolaena**

varians DC. = **G. krebsiana** subsp. **krebsiana**

varians of Dinter, not of DC., concept invalid = **G. jurineifolia** subsp. **scabra**

venusta Taylor = **G. jurineifolia** subsp. **scabra**

violacea Muschl. ex Engl. & Drude = **G. jurineifolia** subsp. **scabra**

GEIGERIA Griess. 9090000

Compiled by E. Retief

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 440.
(2) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 484–486.
(3) Merxmüller. 1967. *FSWA* 139: 74–81.
(4) Merxmüller. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 239–316.

(5) Anderberg. 1991. *Plant Systematics and Evolution* 176: 75–123.
(6) Retief & Herman. 1997. *Strelitzia* 6: 309, 310.

acaulis (Sch.Bip.) Benth. & Hook.f. ex Oliv. & Hiern
Annual. Herb. Ht up to 0.1 m. Alt 425–1435 m. N, LIM

africana Griess. = **G. ornativa**

africana Griess. subsp. *filifolia* (Mattf.) Merxm. = **G. filifolia**

africana Griess. subsp. *ornativa* (O.Hoffm.) Merxm. = **G. ornativa**

africana Griess. subsp. *otaviensis* Merxm. = **G. otaviensis**

alata (Hochst. & Steud.) Benth. & Hook.f. ex Oliv. & Hiern
Diplostemma alatum DC. (2)
G. macdougalii S.Moore (2)
Annual. Herb. Ht 0.2–0.35 m. Alt 320–1200 m. N

appendiculata O.Hoffm. & Muschl. = **G. ornativa**

arenicola Muschl. ex Dinter = **G. obtusifolia**

aspera Harv. var. **aspera**
Perennial. Herb. Ht ± 0.3 m. Alt 425–1735 m. LIM, NW, G, M, FS, KZN, L

aspera Harv. var. **rivularis** (J.M.Wood & M.S.Evans) Merxm.
G. rivularis J.M.Wood & M.S.Evans (2)
Perennial. Herb. Ht ± 0.2 m. Alt ± 1495 m. FS, KZN, EC

brachycephala Muschl.
G. monocephala Hutch. (2)
G. pearsonii L.Bolus (2)
Perennial. Herb. Ht 0.2–0.7 m. Alt 945–1160 m. N

brevifolia (DC.) Harv.
Polychaetia brevifolia DC. (2)
Perennial. Shrub. Ht up to 1 m. Alt 103–1525 m. N, B, NW, FS, NC

burkei Harv. subsp. **burkei** var. **burkei**
Perennial. Herb. Ht 0.3–0.7 m. Alt 440–1800 m. LIM, NW, G, M, S

burkei Harv. subsp. **burkei** var. **elata** Merxm.
Perennial. Herb. Ht 0.3–1 m. Alt 258–1760 m. LIM, M, S

burkei Harv. subsp. **burkei** var. **hirtella** Merxm.
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 1370–1495 m. LIM, M

burkei Harv. subsp. **burkei** var. **intermedia** (S.Moore) Merxm.
G. intermedia S.Moore (2)
Perennial. Herb. Ht 0.2–0.3 m. Alt 1400–1830 m. NW, G, M

burkei Harv. subsp. **burkei** var. **zeyheri** (Harv.) Merxm.
G. zeyheri Harv. (2)
Perennial. Herb. Ht 0.18–1 m. Alt 350–1525 m. B, LIM, NW, G, M, FS

burkei Harv. subsp. **diffusa** (Harv.) Merxm.
G. burkei Harv. var. *diffusa* Harv. (2)
G. natalensis J.M.Wood & M.S.Evans (2)
G. protensa Harv. (2)
Perennial. Herb, prostrate. Ht up to 0.15 m. Alt 460–1555 m. G, M, FS, KZN

burkei Harv. subsp. **fruticulosa** Merxm.
Perennial. Herb. Ht 0.2–0.7 m. Alt 245–1525 m. B, LIM, M

burkei Harv. subsp. **valida** Merxm.
Perennial. Herb. Ht 0.3–0.7 m. Alt 1300–2000 m. NW, G, M, KZN

burkei Harv. var. *diffusa* Harv. = **G. burkei** subsp. **diffusa**

chenopodiifolia Mattf. = **G. pilifera**

dinteri Muschl. = **G. plumosa**

eenii S.Moore = **G. ornativa**

elongata Alston
Perennial. Herb, prostrate. Ht 0.45–0.6 m. Alt 900–2042 m. LIM, M

englerana Muschl.
G. zeyheri Dinter (2)
Perennial. Herb. Ht up to 0.15 m. Alt up to 1200 m. N

englerana Muschl. var. *pubescens* Dinter ex Merxm. = **G. otaviensis**

filifolia Mattf.
G. africana Griess. subsp. *filifolia* (Mattf.) Merxm. (4)
G. passerinoides Harv. in part (4)
Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 155–1600 m. B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

foermeriana Muschl. = **G. plumosa**

foliosa O.Hoffm. & Muschl. = **G. plumosa**

intermedia S.Moore = **G. burkei** subsp. **burkei** var. **intermedia**

luederitziana O.Hoffm. = **G. ornativa**

macdougalii S.Moore = **G. alata**

monocephala Hutch. = **G. brachycephala**

muschleriana Dinter ex Merxm. = **G. pilifera**

namaquensis Hutch. = **G. vigintisquamea**

natalensis J.M.Wood & M.S.Evans = **G. burkei** subsp. **diffusa**

nianganensis Dinter ex Merxm.
G. schoenfelderii Dinter ex Merxm. (3)
Perennial. Herb. Ht 0.08–0.15 m. Alt ± 1100 m. N

nonikamensis Heering = **G. ornativa**

obtusifolia L.Bolus
G. arenicola Muschl. ex Dinter (3)
G. plumosa Muschl. subsp. *obtusifolia* (L.Bolus) Merxm. (3)
Perennial. Herb. Ht 0.3–0.5 m. Alt 370–2730 m. N, NW, FS, NC

odontoptera O.Hoffm.
Annual. Herb. Ht 0.6–1 m. Alt 1100–1500 m. N

ornativa O.Hoffm.
G. africana Griess. (3)
G. africana Griess. subsp. *ornativa* (O.Hoffm.) Merxm. (3)
G. appendiculata O.Hoffm. & Muschl. (3)
G. eenii S.Moore (3)
G. luederitziana O.Hoffm. (2)
G. nonikamensis Heering (3)
G. passerinoides Harv. in part (3)
Annual, occ. perennial. Herb. Ht 0.2–0.4 m. Alt 305–2000 m. N, B, LIM, NW, M, FS, L, NC, WC, EC

otaviensis (Merxm.) Merxm.
G. africana Griess. subsp. *otaviensis* Merxm. (3)
G. englerana Muschl. var. *pubescens* Dinter ex Merxm. (3)

G. zeyheri Dinter ex Merxm. (3)
Perennial. Herb. Ht 0.02–0.2 m. Alt 1100–1800 m. N

passerinoides Harv. in part = **G. filifolia**

passerinoides Harv. in part = **G. ornativa**

passerinoides (L'Hér.) Harv. = **Oedera genistifolia**

pearsonii L.Bolus = **G. brachycephala**

pectidea (DC.) Harv.
Polychaetia pectidea DC. (2)
Triplocephalum glabrifolium Klatt (2)
Perennial. Herb. Ht 0.1–0.5 m. Alt 765–1830 m. N, B, NW, NC

pilifera Hutch.
G. chenopodiifolia Mattf. (3)
G. muschleriana Dinter ex Merxm. (3)
G. rhombifolia Dinter (3)
Annual. Herb. Ht 0.1–0.15 m. Alt 700–1300 m. N

plumosa Muschl.
G. dinteri Muschl. (3)
G. foermeriana Muschl. (3)
G. foliosa O.Hoffm. & Muschl. (3)
Perennial. Shrub. Ht 0.2–1 m. Alt 1200–1950 m. N

plumosa Muschl. subsp. *obtusifolia* (L.Bolus) Merxm. = **G. obtusifolia**

protensa Harv. = **G. burkei** subsp. **diffusa**

rhodesiana S.Moore = **G. schinzii** subsp. **rhodesiana**

rhombifolia Dinter = **G. pilifera**

rigida O.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 500–1200 m. N

rivularis J.M.Wood & M.S.Evans = **G. aspera** var. **rivularis**

schinzii O.Hoffm. subsp. **karakowisae** Merxm.
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 1150–1500 m. N, B

schinzii O.Hoffm. subsp. **rhodesiana** (S.Moore) Merxm.
G. rhodesiana S.Moore (2)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 900–1000 m. N, B

schinzii O.Hoffm. subsp. **schinzii**
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–0.9 m. Alt 945–1300 m. N, B

schoenfelderii Dinter ex Merxm. = **G. nianganensis**

spinosa O.Hoffm.
Annual. Herb. Ht 0.05–0.4 m. Alt 80–1300 m. N

vigintisquamea O.Hoffm.
G. namaquensis Hutch. (2)
Annual. Herb. Ht 0.2–0.5 m. Alt 275–1035 m. N, NC

zeyheri Dinter = **G. englerana**

zeyheri Dinter ex Merxm. = **G. otaviensis**

zeyheri Harv. = **G. burkei** subsp. **burkei** var. **zeyheri**

GERBERA L. 9528000

Compiled by N. Netnou

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 5.
(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 85.
(3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 938.
(4) Hansen. 1985. *Opera Botanica* 78: 1–36.
(5) Hind. 1992. *Kew Bulletin* 47: 110.
(6) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 220.

ambigua (Cass.) Sch.Bip.
G. discolor Harv. (4)
G. elegans Muschl. (4)
G. kraussii Sch.Bip. (4)
G. lynchii Dummer (4)
G. nervosa Sond. (4)
Lasiopus ambiguus Cass. (4)
Perennial. Herb. Ht 0.15–0.5 m. Alt 200–2000 m. LIM, NW, G, M, S, FS, KZN, EC

asplenifolia (Lam.) Spreng. = **G. linnaei**

aurantiaca Sch.Bip.
Perennial. Herb. Ht 0.05–0.4 m. Alt 800–2000 m. M, KZN

burchellii Dummer = **G. viridifolia**

burmanni Cass. = **G. crocea**

cordata (Thunb.) Less.
Arnica cordata Thunb. (4)
Piloselloides cordata (Thunb.) C.Jeffrey (4)
Perennial. Herb. Ht 0.15–0.45 m. Alt 0–1000 m. WC, EC

crenata (Thunb.) Ker Gawl. = **Mairia crenata**

crocea (L.) Kuntze
Arnica crocea L. (4)
G. burmanni Cass. (4)
G. integralis Sond. ex Harv. (4)
G. sinuata (Thunb.) Spreng. (4)
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. WC

discolor Harv. = **G. ambigua**

elegans Muschl. = **G. ambigua**

ferruginea DC. var. *linearis* (Harv.) Dummer = **G. serrata**

galpinii Klatt
Perennial. Herb. Ht 0.1–0.4 m. Alt 1500–2085 m. M, S, KZN

glandulosa Dummer = **G. viridifolia**

hirsuta Spreng. = **G. tomentosa**

integralis Sond. ex Harv. = **G. crocea**

jamesonii Bolus ex Adlam
Perennial. Herb. Ht 0.2–0.7 m. Alt 500–1675 m. LIM, G, M, S

kraussii Sch.Bip. = **G. ambigua**

leiocarpa (DC.) Schltr. = **Perdicium leiocarpum**

leucothrix Harv. (insufficiently known) (4)

linnaei Cass.
Arnica gerbera L. (4)
G. asplenifolia (Lam.) Spreng. (4)
Perennial. Herb. Ht 0.1–0.5 m. Alt 100–1300 m. WC

lynchii Dummer = **G. ambigua**

natalensis Sch.Bip.
G. tuberosa Klatt (4)
G. viridifolia (DC.) Sch.Bip. subsp. *natalensis* (Sch.Bip.) H.V.Hansen (6)
Perennial. Herb. Ht 0.02–0.2 m. Alt 300–2100 m. LIM, M, S, KZN, EC

nervosa Sond. = **G. ambigua**

parva N.E.Br.
Perennial. Herb. Ht 0.05–0.2 m. Alt 1900–2650 m. KZN

piloselloides (L.) Cass.
Arnica piloselloides L. (4)
Piloselloides hirsuta (Forssk.) C.Jeffrey (4)

Perennial. Herb. Ht 0.06–0.45 m. Alt 0–1891 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

plantaginea Harv. = **G. viridifolia**

serrata (Thunb.) Druce
Arnica serrata Thunb. (4)
G. ferruginea DC. var. *linearis* (Harv.) Dummer (4)
Perennial. Herb. Ht 0.1–0.6 m. Alt up to 1250 m. WC

sinuata (Thunb.) Spreng. = **G. crocea**

speciosa S.Moore = **G. viridifolia**

taraxaci (Vahl) Schltr. = **Perdicium capense**

tomentosa DC.
G. hirsuta Spreng. (4)
Perennial. Herb. Ht 0.15–1 m. Alt up to 1500 m. WC, EC

tuberosa Klatt = **G. natalensis**

viridifolia (DC.) Sch.Bip.
G. burchellii Dummer (4)
G. glandulosa Dummer (4)
G. plantaginea Harv. (4)
G. speciosa S.Moore (4)
Perennial. Herb. Ht up to 0.2 m. Alt 350–1998 m. LIM, G, M, S, FS, KZN, EC

viridifolia (DC.) Sch.Bip. subsp. *natalensis* (Sch.Bip.) H.V.Hansen = **G. natalensis**

wrightii Harv.
Perennial. Herb. Ht up to 0.4 m. Alt 80–800 m. WC

GEROPOGON L. 9579010

glaber L. = **Tragopogon hybridus**

GIBBARIA Cass. 9427010

Compiled by P.P.J. Herman

(1) Norlindh. 1943. *Studies in the Calenduleae*: 358–366.
(2) Hilliard & Burtt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 255, 256.

bicolor Cass. = **G. scabra**

ilicifolia (L.) Norl.
Osteospermum ilicifolium L. (1)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–1115 m. WC

scabra (Thunb.) Norl.
Anaglypha aspera DC. (2)
G. bicolor Cass. (1, 2)
Osteospermum scabrum Thunb. (1, 2)
Xerothamnus ecklonianus DC. (1, 2)
Perennial. Shrub. Ht 0.1–0.2 m. Alt 80–800 m. WC, EC

GNAPHALIUM L. 8992000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 17–27.
(2) Anderberg. 1991. *Opera Botanica* 104: 167, 168.

achilleoides Lam. = **G. declinatum**

acilepis DC. = **G. vestitum**

alticolum Compton = **Helichrysum basalticum**

amplum Kuntze = **Helichrysum platypterum**

appendiculatum L.f. = **Helichrysum appendiculatum**

araneosum S.Moore = **Lasiopogon glomerulatus**

arborescens L. = **Anaxeton arborescens**

arboreum L. = **Anaxeton arborescens**

asperum Thunb. = **Anaxeton asperum** subsp. **asperum**

athrixiifolium O.Hoffm. ex Kuntze = **Helichrysum athrixiifolium**

aureum Houtt. = **Helichrysum aureum** var. **aureum**

austroafricanum Hilliard
Perennial. Herb, prostrate. Length 0.15–0.45 m. Alt 5–1578 m. M, KZN, EC

brevifolium Lam. = **Metalasia brevifolia**

calviceps Fernald = **Gamochaeta calviceps**

candidissimum Lam. = **Vellereophyton dealbatum**

capense Hilliard
Perennial. Herb, decumbent or prostrate. Length 0.1–0.15 m. Alt 15–1740 m. WC, EC

capillaceum Thunb. = **Troglophyton capillaceum** subsp. **capillaceum**

capitatum Lam. = **Metalasia capitata**

carroënse Schrank = **Vellereophyton dealbatum**

cephalotes Thunb. = **Metalasia cephalotes**

coarctatum Willd. = **Gamochaeta coarctata**

confine Harv.
G. drakensbergense Markötter (1)
Annual. Herb, decumbent or erect. Ht/Length up to 0.2 m. Alt 460–2285 m. N, G, M, FS, KZN, L, NC, EC

coronatum L. = **Petalacte coronata**

crispum L. = **Helichrysum crispum**

cylindriflorum L. = **Helichrysum cylindriflorum**

cymosum L. = **Helichrysum cymosum** subsp. **cymosum**

dasyanthum Willd. = **Helichrysum dasyanthum**

dealbatum Thunb. = **Vellereophyton dealbatum**

debile Thunb. = **Lasiopogon debilis**

declinatum L.f.
G. achilleoides Lam. (1)
G. pentheri Gand. (1)
G. pygmaeum Thunb. (1)
Helichrysum declinatum (L.f.) Less. (1)
Spiralepis declinata (L.f.) D.Don (1)
Perennial. Herb, prostrate or decumbent. Length 0.03–0.1 m. Alt 15–1320 m. WC

decumbens Thunb. = **Trichogyne decumbens**

deltoides Thunb. = **Helichrysum acrophilum**

densum Lam. = **Metalasia densa**

dentatum L. = **Pentzia dentata**

distans Schrank = **Metalasia distans**

divergens Thunb. = **Metalasia divergens** subsp. **divergens**

dodii Levyns = **Plecostachys polifolia**

drakensbergense Markötter = **G. confine**

englerianum (O.Hoffm.) Hilliard & B.L.Burtt
Amphidoxa engleriana O.Hoffm. (1)
Perennial. Herb, erect or decumbent. Ht/Length up to 0.1 m. Alt up to 1200 m. NC

excisum Thunb. = **Helichrysum excisum**

eximium L. = **Syncarpha eximia**

fastigiatum Thunb. = **Metalasia fastigiata**

filagopsis Hilliard & B.L.Burtt

Amphidoxa filaginea Ficalho & Hiern (1)
Amphidoxa filaginea Ficalho & Hiern var. *transiens* Merxm. (1)
Perennial. Herb, erect or decumbent. Ht/Length up to 0.25 m. Alt 945–1850 m. N, B, LIM, NW, G, M, FS, KZN, L, NC

floridum Poir. = **Anaxeton arborescens**

foetidum L. = **Helichrysum foetidum**

fruticans L. = **Helichrysum fruticans**

glomerulatum Harv. = **Lasiopogon glomerulatus**

gnaphalodes (DC.) Hilliard & B.L.Burtt
Amphidoxa gnaphalodes DC. (1)
?*G. micranthum* Thunb. var. *spretum* DC. (1)
Perennial. Herb, prostrate or decumbent. Length 0.1–0.3 m. Alt 20–600 m. EC

grandiflorum L. = **Helichrysum grandiflorum**

griquense Hilliard & B.L.Burtt
Amphidoxa adscendens O.Hoffm. ex Zahlbr. (1)
Perennial. Herb, prostrate, decumbent or suberect. Length 0.15–0.45 m. Alt up to 2438 m. KZN, L

helianthemifolium L. = **Helichrysum helianthemifolium**

hirsutum Thunb. = **Anaxeton hirsutum**

hispidum L.f. = **Elytropappus hispidus**

indicum in sense of Dinter, not of L., misapplied name = **Helichrysum herniarioides**

indicum L. = **Helichrysum indicum**

limicola Hilliard
Perennial. Herb, prostrate. Length up to 0.12 m. Alt up to 2650 m. L, EC

luteo-album L. = **Pseudognaphalium luteo-album**

maculatum Thunb. = **Vellereophyton dealbatum**

micranthum Thunb. = **Vellereophyton dealbatum**

?micranthum Thunb. var. *spretum* DC. = **G. gnaphalodes**

milleflorum L.f. = **Syncarpha milleflora**

minutum B.Nord. = **Lasiopogon minutus**

mixtum Kuntze = **Helichrysum mixtum** var. **mixtum**

mucronatum P.J.Bergius = **Syncarpha mucronata**

muricatum L. = **Metalasia muricata**

muscoides Desf. = **Lasiopogon muscoides**

nelsonii Burtt Davy
Perennial. Herb, erect or decumbent. Length 0.04–0.2 m. Alt up to 1500 m. NW, G

niveum L. = **Helichrysum niveum**

nudifolium L. = **Helichrysum nudifolium** var. **nudifolium**

oculus-cati L.f. = **Galeomma oculus-cati**

odoratissimum L. = **Helichrysum odoratissimum**

oligandrum (DC.) Hilliard & B.L.Burtt = **Pseudognaphalium oligandrum**

orbiculare Thunb. = **Plecostachys serpyllifolia**

parvulum Harv. = **Troglophyton parvulum**

patulum L. = **Helichrysum patulum**

pauciflorum DC.
Annual. Herb, erect or decumbent. Length 0.01–0.13 m. Alt 50–1500 m. WC

pennsylvanicum Willd. = **Gamochaeta pennsylvanica**

pentheri Gand. = **G. declinatum**

peregrinum Fernald = **Gamochaeta pennsylvanica**

phlomoides Lam. = **Syncarpha milleflora**

pilosellum L.f. = **Helichrysum nudifolium** var. **pilosellum**

plantaginifoliatum Kuntze = **Helichrysum nudifolium** var. **nudifolium**

polifolium Thunb. = **Plecostachys polifolia**

***polycaulon** Pers.
Annual. Herb, decumbent or erect. Length up to 0.25 m. Alt 11–1676 m. N, LIM, M, KZN

prostratum Thunb. = **Helichrysum micropoides**

pygmaeum Thunb. = **G. declinatum**

recurvum Lam. = **Anaxeton arborescens**

repens L. = **Trichogyne repens**

repens L. var. *vestitum* (Thunb.) DC. = **G. vestitum**

retusum Lam. = **Facelis retusa**

revolutum Thunb. = **Helichrysum revolutum**

rosum P.J.Bergius = **Helichrysum rosum** var. **rosum**

rotundifolium Thunb. = **Helichrysum rotundifolium**

rutilans L. = **Helichrysum rutilans**

septentrionale (Vatke) Hilliard = **Helichrysopsis septentrionale**

serpyllifolium P.J.Bergius = **Plecostachys serpyllifolia**

sesamoides (L.) Kuntze = **Edmondia sesamoides**

simii (Bolus) Hilliard & B.L.Burtt
Helichrysum simii Bolus (1)
Perennial. Herb, prostrate. Length up to 0.03 m. Alt up to 1000 m. NC

spicatum Lam. = **Gamochaeta coarctata**

splendidum Thunb. = **Helichrysum splendidum**

squamosum (Jacq.) Sch.Bip. = **Edmondia pinifolia**

stellatum L. = **Helichrysum stellatum**

stenocladon Schrank = **Anaxeton asperum** subsp. **asperum**

stenolepis S.Moore = **Galeomma stenolepis**

subcordatum Kuntze = **Helichrysum hypoleucum**

subfalcatum Cabrera = **Gamochaeta subfalcata**

teretifolium L. = **Helichrysum teretifolium**

thapsus Kuntze = **Helichrysum thapsus**

tinctum Thunb. = **Helichrysum tinctum**

tricostatum Thunb. = **Helichrysum tricostatum**

trifidum Thunb. = **Pseudognaphalium luteo-album**

umbellatum L.f. = **Lachnospermum umbellatum**

undulatum L. = **Pseudognaphalium undulatum**

vestitum Thunb.
G. acilepis DC. (1)
G. repens L. var. *vestitum* (Thunb.) DC. (1)
Annual, occ. perennial. Herb, erect, suberect or trailing. Length 0.05–0.4 m. Alt 30–945 m. EC

volkii B.Nord. = **Lasiopogon volkii**

GONGROTHAMNUS Steetz 8751010

angolensis (O.Hoffm.) Hiern = **Distephanus angolensis**

aurantiacus O.Hoffm. = **Distephanus divaricatus**

divaricatus Steetz = **Distephanus divaricatus**

GONGYLOGLOSSA Koekemoer 9039010

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

tortilis (DC.) Koekemoer
Disparago ericoides of author, not of (P.J.Bergius) Gaertn. (1)
Disparago tortilis (DC.) Sch.Bip. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 0–1500 m. KZN, WC, EC

GORTERIA L. 9433000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 319–332.
(2) Roessler. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 87–90.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 328.

affinis DC. = **G. diffusa** subsp. **diffusa**

barbata L.f. = **Berkheya barbata**

calendulacea DC. = **G. diffusa** subsp. **calendulacea**

cernua L.f. = **Cuspidia cernua** subsp. **cernua**

ciliaris L. = **Cullumia ciliaris** subsp. **ciliaris**

corymbosa DC.
Annual. Herb. Ht 0.03–0.2 m. Alt 100–915 m. N, NC

cruciata Houtt. = **Berkheya cruciata** subsp. **cruciata**

diffusa Thunb. subsp. **calendulacea** (DC.) Roessler
G. calendulacea DC. (1)
Annual. Herb. Ht 0.05–0.3 m. Alt 100–900 m. NC

diffusa Thunb. subsp. **diffusa**
Gazania diffusa (Thunb.) Spreng. (1)
G. affinis DC. (1)
G. ictinus Cass. (1)
Annual. Herb. Ht 0.05–0.3 m. Alt 38–1065 m. N, NC, WC

diffusa Thunb. subsp. **parviligulata** Roessler
Annual. Herb. Ht 0.05–0.3 m. Alt 0.1–0.15 m. N

herbacea L.f. = **Berkheya herbacea**

ictinus Cass. = **G. diffusa** subsp. **diffusa**

integrifolia Thunb. = **Hirpicium integrifolium**

linearis Thunb. = **Gazania linearis** var. **linearis**

mitis Burm. = **Heterolepis mitis**

othonnites Thunb. = **Gazania othonnites**

pectinata Thunb. = **Gazania pectinata**

personata L. subsp. **gracilis** Roessler
Annual. Herb. Ht 0.05–0.3 m. Alt 152–550 m. WC

personata L. subsp. **personata**
Annual. Herb. Ht 0.05–0.3 m. Alt 20–700 m. NC, WC

rigens L. = **Gazania rigens** var. **rigens**

setosa L. = **Cullumia setosa** var. **setosa**

spinosa L.f. = **Berkheya spinosa**

squarrosa L. = **Cullumia squarrosa**

tenuifolia Licht. ex Less. = **Gazania tenuifolia**

uniflora L.f. = **Gazania rigens** var. **uniflora**

GRANGEA Adans. 8865000

Compiled by P.P.J. Herman

(1) Fayed. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 450–483.

anthemoides O.Hoffm.
G. hippioides Merxm. (1)
Annual, occ. perennial. Herb. Ht up to 0.5 m. Alt? N, B

hippioides Merxm. = **G. anthemoides**

latifolia Lam. = **Dichrocephala integrifolia** subsp. **integrifolia**

maderaspatana (L.) Poir.
Artemisia maderaspatana L. (1)
Annual, occ. perennial. Herb. Length 0.3–0.5 m. Alt 11–915 m. N, KZN

*GUIZOTIA Cass. 9222000

Compiled by N. Netnou

(1) Hansen. 1976. *Flora europaea* 4: 139.

abyssinica (L.f.) Cass.
G. oleifera DC. (1)
Verbesina sativa Roxb. (1)
Annual. Herb. Ht up to 2 m. Alt up to 1700 m. G, M

oleifera DC. = **G. abyssinica**

GUTENBERGIA Sch.Bip. 8735000

rangei Muschl. ex Dinter = **Senecio niveus**

GYMNACHAENA Rchb. 9038010

bruniades Rchb. = **Stoebe capitata**

GYMNODISCUS Less. 9418000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 345.
(2) Jeffrey. 1992. *Kew Bulletin* 47: 99.
(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 328.

capillaris (L.f.) DC.
Othonna capillaris L.f. (1)
Annual. Herb, succulent. Ht 0.05–0.5 m. Alt 15–1500 m. NC, WC

linearifolia DC.
Annual. Herb, succulent. Ht 0.05–0.4 m. Alt 245–915 m. NC, WC

GYMNOPENTZIA Benth. 9364000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 362, 363.
(2) Källersjö. 1986. *Nordic Journal of Botany* 5: 538, 539.

bifurcata Benth.
Athanasia turbinata Burtt Davy (1)
G. pilifera N.E.Br. (1)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 1525–3050 m. M, FS, KZN, L, EC

pilifera N.E.Br. = **G. bifurcata**

GYMNOSTEPHIUM Less. 8882000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 66–68.
(2) Bolus. 1907. *Transactions of the South African Philosophical Society* 16: 138.
(3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 952.

(4) Nesom. 1994. *Phytologia* 76: 92–94.
(5) Goldblatt *et al.* 2000. *Strelitzia* 9: 328, 329.

angustifolium Harv.
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt ± 975 m. WC

ciliare (DC.) Harv.
Felicia ciliaris DC. (1, 4)
Heteractis falcata DC. (4)
Osteospermum falcatum E.Mey. ex DC. (4)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 610–1465 m. WC

corymbosum (Turcz.) Harv.
Agathaea corymbosa Turcz. (1, 4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 200–1450 m. WC

fruticosum DC.
Perennial. Suffrutex. Ht up to 0.5 m. Alt 1000–1300 m. WC

gracile Less.
Perennial. Suffrutex. Ht? Alt? WC

hirsutum Less.
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt? WC

leve Bolus
Perennial. Suffrutex. Ht up to 1 m. Alt 900–1500 m. WC

papposum G.L.Nesom
Mairia corymbosa Harv. (4)
Zyrphelis corymbosa (Harv.) Kuntze (4)
Perennial. Shrub. Ht up to 1 m. Alt 300–1214 m. WC

GYMNOSTYLES Juss. 9352010

pterosperma Juss. = **Soliva sessilis**

GYNURA Cass. 9405000

cernua (L.f.) Benth. = **Crassocephalum rubens**

coerulea O.Hoffm. = **Crassocephalum coeruleum**

crepidioides Benth. = **Crassocephalum crepidioides**

picridifolia (DC.) Burtt Davy = **Crassocephalum ×picridifolium**

rubens (Jacq.) Muschl. = **Crassocephalum rubens**

sarcobasis DC. = **Crassocephalum sarcobasis**

HAENELIA Walp. 8887030

capensis Walp. = **Amellus capensis**

HAPLOCARPHA Less. 9432030

Compiled by E. Retief

(1) Lewin. 1922. *Feddes Repertorium* 18: 300.
(2) Lewin. 1922. *Feddes Repertorium* Beiheft 11: 1–95.
(3) Hilliard. 1977. *Compositae in Natal*: 537–540.
(4) Pope. 1992. *FZ* 6,1: 232–235.
(5) Retief & Herman. 1997. *Strelitzia* 6: 311.
(6) Beyers. 2000. In Goldblatt & Manning in *Strelitzia* 9: 329.

hirsuta (Less.) P.Beauv. = **H. nervosa**

lanata (Thunb.) Less.
Arctotis lanata Thunb. (2)
H. thunbergii Less. (2)
Perennial. Herb. Ht up to 0.15 m. Alt 750–900 m. WC

leichtlinii N.E.Br. = **H. lyrata**

lyrata Harv.
H. leichtlinii N.E.Br. (2)
Perennial. Herb. Ht up to 0.3 m. Alt 200–1500 m. G, M, FS, WC, EC

nervosa (Thunb.) P.Beauv.
H. hirsuta (Less.) P.Beauv. (3)
H. ovata Lewin (3)
H. serrata Lewin (3)
Landtia hirsuta Less. (3)
Landtia nervosa (Thunb.) Less. (3)
Perdicium nervosum Thunb. (3)
Perennial. Herb. Ht up to 0.2 m. Alt 200–3300 m. B, LIM, NW, M, FS, KZN, L, EC

ovata Lewin = **H. nervosa**

parvifolia (Schltr.) P.Beauv.
Arctotis parvifolia Schltr. (1)
Perennial. Herb. Ht up to 0.15 m. Alt ± 1160 m. WC

scaposa Harv.
H. thunbergii DC. (2)
Perennial. Herb. Ht up to 0.6 m. Alt 340–1800 m. NW, G, M, S, FS, KZN, L, EC

serrata Lewin = **H. nervosa**

thunbergii DC. = **H. scaposa**

thunbergii Less. = **H. lanata**

***HEDYPNOIS** Mill. 9569000

Compiled by P.P.J. Herman

(1) Sell. 1976. *Flora europaea* 4: 307, 308.

cretica (L.) Dum.Cours.
H. polymorpha DC. (1)
Annual. Herb. Ht 0.3–0.6 m. Alt 0–50 m. WC, EC

polymorpha DC. = **H. cretica**

***HELIANTHUS** L. 9200000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 309–311.

annuus L.
Annual. Herb. Ht up to 4 m. Alt up to 90 m. FS, KZN, EC

argophyllus Torr. & A.Gray
Annual. Herb. Ht up to 4 m. Alt? KZN

cucumerifolius Torr. & A.Gray = **H. debilis** subsp. **cucumerifolius**

debilis Nutt. subsp. **cucumerifolius** (Torr. & A.Gray) Heiser
H. cucumerifolius Torr. & A.Gray (1)
Annual. Herb. Ht up to 2 m. Alt up to 15 m. NW, G, KZN

HELICHRYSOPSIS Kirp. 8992030

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 47, 48.

septentrionale (Vatke) Hilliard
Anaxeton septentrionalis Vatke (1)
Gnaphalium septentrionale (Vatke) Hilliard (1)
Perennial. Herb, prostrate. Length up to 0.2 m. Alt 2–45 m. KZN

HELICHRYSUM Mill. 9006000

Compiled by W.G. Welman

(1) Dyer. 1933. *The Flowering Plants of South Africa* 13: t. 483.
(2) Hilliard. 1983. *FSA* 33,7,2: 61–310.
(3) Hilliard. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 198.
(4) Mesfin & Reilly. 1995. In Hind *et al.* (eds), *Advances in Compositae systematics*: 379–450.
(5) Beentje. 2000. *Kew Bulletin* 55: 349–365.

acrophilum Bolus
Gnaphalium deltoides Thunb. (2)
H. spathulatum Moeser (2)
Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 900–1980 m. WC

acutatum DC.
H. acutatum DC. var. *rhombifolium* Moeser (2)
H. danae S.Moore (2)
H. eriophorum Conrath (2)
H. floccosum Klatt (2)
H. galpinii Schltr. & Moeser (2)
H. schlechteri Bolus (2)
H. transvalense Staner (2)
Perennial. Herb. Ht 0.25–0.8 m. Alt 50–2440 m. LIM, NW, G, M, S, FS, KZN, L, EC

acutatum DC. var. *rhombifolium* Moeser = **H. acutatum**

adenocarpum DC. subsp. **adenocarpum**
Perennial. Herb. Ht 0.1–0.45 m. Alt 15–3050 m. LIM, G, M, S, FS, KZN, L, EC

adenocarpum DC. subsp. **ammophilum** Hilliard
Perennial. Herb. Ht 0.2–1 m. Alt 20–55 m. KZN

adscendens in sense of Moeser, not of (Thunb.) Less. = **H. cephaloideum**

adscendens (Thunb.) Less. var. *cephaloideum* (DC.) Moeser = **H. cephaloideum**

agrostophilum Klatt in part = **H. griseum**

agrostophilum Klatt in part = **H. pallidum**

agrostophilum Klatt var. *nemorosum* Bolus = **H. pallidum**

albanense Hilliard
H. subglomeratum Less. var. *imbricatum* DC. (2)
Perennial. Herb. Ht 0.3–0.55 m. Alt 45–1675 m. EC

albertense Hilliard
Annual. Herb. Ht 0.01–0.05 m. Alt 610–1200 m. WC, EC

albilanatum Hilliard
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1000–2320 m. LIM, M

albirosulatum Killick
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 1500–2450 m. KZN, L, EC

albo-brunneum S.Moore
H. setigerum Bolus (2)
H. setigerum Bolus var. *minor* Bolus (2)
Perennial. Herb. Ht 0.15–0.3 m. Alt 1670–3355 m. FS, KZN, L, WC, EC

album N.E.Br.
Perennial. Herb. Ht 0.05–0.15 m. Alt 2000–3355 m. KZN

allioides Less.
Perennial. Herb. Ht 0.2–0.65 m. Alt 5–1845 m. M, KZN, EC

alsinoides DC.
Annual. Herb. Ht 0.02–0.05 m. Alt 300–350 m. N, NC, WC

alticolum Bolus
Perennial. Herb. Ht 0.05–0.25 m. Alt ?–1650 m. EC

alticolum Bolus var. *montanum* Bolus = **H. evansii**

altigenum Schltr. & Moeser
Perennial. Dwarf shrub. Ht 0.01–0.1 m. Alt 900–2000 m. WC, EC

amboense Schinz
H. spiciforme DC. subsp. *amboense* (Schinz) Merxm. (2)
H. spiciforme DC. var. *amboense* (Schinz) Moeser (2)
Perennial. Herb. Ht 0.01–0.1 m. Alt? N

ammitophilum Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 1675–1800 m. FS, L, EC

amoenum Moeser = **H. nudifolium** var. **oxyphyllum**

amplectens Hilliard
Perennial. Herb. Ht 0.15–0.6 m. Alt 2400–2800 m. KZN

anaxetonoides Schltr. & Moeser = **H. catipes**

andersoniense Burtt Davy = **H. summo-montanum**

anomalum Less.
H. anomalum Less. var. *ovatum* Harv. (2)
H. anomalum Less. var. *turbinatum* Harv. (2)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 20–2450 m. L, WC, EC

anomalum Less. var. *ovatum* Harv. = **H. anomalum**

anomalum Less. var. *turbinatum* Harv. = **H. anomalum**

appendiculatum (L.f.) Less.
Gnaphalium appendiculatum L.f. (2)
Perennial. Herb. Ht 0.25–0.75 m. Alt 5–2800 m. LIM, M, S, FS, KZN, L, WC, EC

araneosum Klatt = **H. auriceps**

archeri Compton
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt? WC

arenicola M.D.Hend.
H. rangei Moeser ex Dinter (2)
Perennial. Herb. Ht 0.05–0.2 m. Alt 885–1370 m. N, B, NW, FS, NC

aretioides Thell. = **H. sessilioides**

aretioides Turcz. = **Bryomorphe aretioides**

argenteum (Thunb.) Thunb. = **Syncarpha argentea**

argentissimum J.M.Wood
Perennial. Herb. Ht 0.1–0.4 m. Alt 900–3225 m. KZN, L, EC

argyrolepis MacOwan
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1220–2000 m. LIM, M, S, KZN, EC

argyrophyllum DC.
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 765–1675 m. EC

argyrosphaerum DC.
Annual. Herb. Ht 0.02–0.1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

armatum Dinter ex Merxm., naked name = **Amphiglossa triflora**

aromaticum Dinter = **H. tomentosulum** subsp. **aromaticum**

asperifolium Moeser = **H. nudifolium** var. **nudifolium**

asperum (Thunb.) Hilliard & B.L.Burtt var. **albidulum** (DC.) Hilliard
H. ericifolium Less. var. *albidulum* DC. (2)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 330–795 m. N, NC, WC

asperum (Thunb.) Hilliard & B.L.Burtt var. **appressifolium** (Moeser) Hilliard
H. ericifolium Less. var. *appressifolium* Moeser (2)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 170–1535 m. EC

asperum (Thunb.) Hilliard & B.L.Burtt var. **asperum**
H. ericifolium Less. (2)
H. ericifolium Less. var. *laxum* (DC.) Harv. (2)
Stoebe aspera Thunb. (2)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 120–1200 m. NC, WC

asperum (Thunb.) Hilliard & B.L.Burtt var. **comosum** (Sch.Bip.) Hilliard
H. comosum Sch.Bip. (2)
H. ericifolium Less. var. *lineare* in sense of Harv., not of *H. lineare* DC. (2)
Perennial. Dwarf shrub. Ht 0.15–0.8 m. Alt 5–1000 m. KZN, WC, EC

asperum (Thunb.) Hilliard & B.L.Burtt var. **glabrum** Hilliard
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 3–630 m. WC, EC

athrixiifolium (Kuntze) Moeser
Gnaphalium athrixiifolium O.Hoffm. ex Kuntze (2)
Perennial. Herb. Ht 0.4–0.5 m. Alt 75–1520 m. G, M, S, KZN

aureofolium Hilliard
Perennial. Herb. Ht 0.05–0.15 m. Alt? WC

aureolum Hilliard
Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 1220–1730 m. LIM, M, S

aureonitens Sch.Bip.
H. helodes Hiern (2)
Perennial. Herb. Ht 0.1–0.35 m. Alt 15–2745 m. LIM, NW, G, M, S, FS, KZN, L, EC

aureum (Houtt.) Merr. var. **argenteum** Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1800–2000 m. M

aureum (Houtt.) Merr. var. **aureum**
Gnaphalium aureum Houtt. (2)
H. fulgidum (L.f.) Willd. var. *angustifolium* DC. (2)
H. fulgidum (L.f.) Willd. var. *heterotrichum* DC. (2)
Perennial. Herb. Ht 0.15–0.8 m. Alt 5–2170 m. KZN, EC

aureum (Houtt.) Merr. var. **candidum** Hilliard
Perennial. Herb. Ht 0.05–0.3 m. Alt 1065–1370 m. M, S, KZN

aureum (Houtt.) Merr. var. **monocephalum** (DC.) Hilliard
H. fulgidum (L.f.) Willd. var. *monocephalum* DC. (2)
H. fulgidum (L.f.) Willd. var. *nanum* DC. (2)
Perennial. Herb. Ht 0.05–0.35 m. Alt 10–2400 m. LIM, NW, G, M, S, FS, KZN, L, EC

aureum (Houtt.) Merr. var. **scopulosum** (M.D.Hend.) Hilliard
H. scopulosum M.D.Hend. (2)
Perennial. Herb. Ht 0.05–0.35 m. Alt 1645–2750 m. KZN

aureum (Houtt.) Merr. var. **serotinum** Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 1800–2600 m. KZN, L, EC

auriceps Hilliard
H. araneosum Klatt (2)
Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2000 m. KZN, EC

auriculatum in sense of Oliv. & Hiern, not of Less. = **H. panduratum** var. **panduratum**

auriculatum Less. = **H. pandurifolium**

auriculatum Less. var. *panduratum* Harv. = **H. panduratum** var. **panduratum**

bachmannii Klatt
Perennial. Shrub. Ht 0.15–2 m. Alt 3–50 m. WC

basalticum Hilliard
Gnaphalium alticolum Compton (2)
Perennial. Herb. Ht 0.05–0.25 m. Alt 2515–3355 m. KZN, L, EC

bellidiastrum Moeser
Perennial. Herb. Ht 0.1–0.25 m. Alt 2000–3355 m. KZN, L, EC

bellum Hilliard
Perennial. Herb. Ht 0.1–0.3 m. Alt 2400–3650 m. KZN, L, EC

benguellense Hiern var. *latifolium* S.Moore ex Moeser = **H. tomentosulum** subsp. **tomentosulum**

bolusianum Moeser = **H. pumilio** subsp. **pumilio**

brunneum Burtt Davy = **H. nudifolium** var. **nudifolium**

caespititium (DC.) Harv.
H. lineare DC. var. *caespititium* DC. (2)
Perennial. Herb. Ht 0.01–0.02 m. Alt 650–2440 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

callicomum Harv.
Perennial. Herb. Ht 0.15–0.9 m. Alt 915–2300 m. LIM, NW, G, M, FS, KZN, L, EC

calocephalum Klatt
Perennial. Herb. Ht 0.3–0.45 m. Alt 1065–1465 m. M, S

calocephalum Schltr. = **H. ecklonis**

campaneum S.Moore = **H. cephaloideum**

candolleanum H.Buek
H. damarense O.Hoffm. (2)
H. leptolepis DC. (2)
H. pachyrhizum Harv. (2)
Perennial. Herb. Ht 0.05–0.4 m. Alt 30–2000 m. N, B, LIM, NW, G, M, S, KZN

capense Hilliard
H. marifolium of authors, not of DC. (2)
Perennial. Herb. Ht 0.1–0.2 m. Alt 600–1500 m. WC

capillaceum (Thunb.) Less. = **Troglophyton capillaceum** subsp. **capillaceum**

capillaceum (Thunb.) Less. var. *diffusum* DC. = **Troglophyton capillaceum** subsp. **diffusum**

capillaceum (Thunb.) Less. var. *erectum* DC. = **Troglophyton parvulum**

capillaceum (Thunb.) Less. var. *majus* DC. = **Troglophyton capillaceum** subsp. **capillaceum**

capitellatum (Thunb.) Less. = **H. helianthemifolium**

catipes (DC.) Harv.
Eriosphaera catipes DC. (2)
H. anaxetonoides Schltr. & Moeser (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–1800 m. WC

cephaloideum DC.
H. adscendens in sense of Moeser, not of (Thunb.) Less. (2)
H. adscendens (Thunb.) Less. var. *cephaloideum* (DC.) Moeser (2)
H. campaneum S.Moore (2)
H. infuscum Burtt Davy (2)
H. polyphyllum Conrath (2)
Perennial. Herb. Ht 0.15–0.6 m. Alt 10–2620 m. LIM, NW, G, M, S, FS, KZN, L, EC

cerastioides DC. var. **aurosicum** Merxm. & A.Schreib.
H. engelianum Dinter (2)
Perennial. Herb. Ht 0.02–0.2 m. Alt 1550–2340 m. N

cerastioides DC. var. **cerastioides**
H. cerastioides DC. var. *gracile* Moeser (2)
H. obvallatum DC. (2)
Perennial. Herb. Ht 0.02–0.3 m. Alt 915–1675 m. N, B, LIM, NW, G, M, FS, NC, EC

cerastioides DC. var. *gracile* Moeser = **H. cerastioides** var. **cerastioides**

chionosphaerum DC.
H. pondoense Schltr. (2)
H. randii S.Moore (2)
Perennial. Herb. Ht 0.05–0.15 m. Alt 300–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

chlorochrysum DC. = **Syncarpha chlorochrysum**

chrysargyrum Moeser
Perennial. Herb. Ht 0.2–0.5 m. Alt 1070–2260 m. LIM, M, S, KZN

citricephalum Hilliard & B.L.Burtt
Perennial. Shrub. Ht 0.5–1 m. Alt? KZN

citrinum Less. = **Syncarpha affinis**

coactum M.D.Hend. = **H. umbraculigerum**

cochleariforme DC.
H. imbricatum (L.) Less. (2)
H. stellatum (L.) Less. var. *globiferum* Harv. (2)
Perennial. Dwarf shrub. Ht 0.05–0.2 m. Alt 5–365 m. WC

cochleariforme in sense of Harv., not of DC. = **H. pulchellum**

comosum Sch.Bip. = **H. asperum** var. **comosum**

concinnum N.E.Br. = **H. pulchellum**

confertifolium Klatt
Perennial. Herb. Ht 0.05–0.5 m. Alt 170–2200 m. LIM, M, FS, KZN, EC

confertum N.E.Br.
Perennial. Dwarf shrub. Ht 0.07–0.2 m. Alt 1800–3355 m. KZN, L, EC

cooperi Harv.
Biennial. Herb. Ht 0.2–2 m. Alt 395–2900 m. M, FS, KZN, L, EC

coriaceum (DC.) Harv. = **H. rotundatum**

coriaceum Harv. = **H. nudifolium** var. **nudifolium**

crassifolium of authors, not of (L.) D.Don = **H. crispum**

crispum (L.) D.Don
Gnaphalium crispum L. (2)
H. crassifolium of authors, not of (L.) D.Don (2)
H. rotundifolium in sense of Moeser, not of (Thunb.) Less. (2)
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–915 m. WC

crispum (L.) D.Don var. *citrinum* Harv. = **H. patulum**

crispum of authors, not of (L.) D.Don = **H. patulum**

cylindricum D.Don = **H. cylindriflorum**

cylindriflorum (L.) Hilliard & B.L.Burtt
Gnaphalium cylindriflorum L. (2)
H. cylindricum D.Don (2)
H. fastigiatum Harv. (2)
H. leipoldtii Bolus (2)
H. rubellum (Thunb.) Less. (2)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 30–1450 m. NC, WC

cymosum (L.) D.Don subsp. **calvum** Hilliard
H. infaustum J.M.Wood & M.S.Evans var. *discolor* Moeser (2)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.55 m. Alt 1200–3170 m. M, FS, KZN, L, EC

cymosum (L.) D.Don subsp. **cymosum**
Gnaphalium cymosum L. (2)
Perennial. Shrub, herb. Ht 0.1–1.8 m. Alt 5–2010 m. KZN, WC, EC

damarense O.Hoffm. = **H. candolleanum**

danae S.Moore = **H. acutatum**

dasyanthum (Willd.) Sweet
Gnaphalium dasyanthum Willd. (2)
H. maritimum D.Don (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–1310 m. NC, WC, EC

dasycephalum O.Hoffm.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–2500 m. FS, L, EC

dasymallum Hilliard
H. lanatum Harv., not of Schrank (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 1220–1465 m. LIM, NW, G, M, S, KZN

davyi S.Moore = **H. nudifolium** var. **nudifolium**

declinatum (L.f.) Less. = **Gnaphalium declinatum**

decorum DC.
Biennial. Herb. Ht 0.4–1.4 m. Alt 5–900 m. S, KZN, EC

deserticola Hilliard
Perennial. Dwarf shrub, herb. Ht 0.02–0.06 m. Alt? N

difficile Hilliard
Perennial. Herb. Ht 0.75–1.8 m. Alt 1520–2100 m. LIM, NW, G, M, S

diffusum DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt 300–1575 m. KZN, WC

dinteri S.Moore var. *obtusum* S.Moore = **H. obtusum**

drakensbergense Killick
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 1525–2805 m. KZN

dregeanum Sond. & Harv.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 300–2045 m. N, NW, G, FS, KZN, L, NC, EC

dunense Hilliard
Perennial. Herb. Ht 0.05–0.1 m. Alt 5–15 m. NC, WC

dykei Bolus = **Syncarpha dykei**

ecklonis Sond.
H. calocephalum Schltr. (2)
H. lamprocephalum Bolus (2)
H. scapiforme Moeser (2)
Perennial. Herb. Ht 0.1–0.5 m. Alt 5–2865 m. M, FS, KZN, L, EC

edwardsii Wild
Perennial. Shrub. Ht 0.3–1 m. Alt 1420–1675 m. LIM, M

elegantissimum DC.
Biennial. Herb. Ht 0.5–1 m. Alt 1370–2560 m. KZN, L, EC

engelianum Dinter = **H. cerastioides** var. **aurosicum**

epapposum Bolus
H. flavum Burtt Davy (2)
H. inerme Moeser excl. var. *brachycladum* Moeser (2)

Perennial. Herb. Ht 0.4–0.6 m. Alt 915–2100 m. LIM, NW, M, S, KZN, EC

epapposum Bolus var. *robustum* Bolus = **H. griseolanatum**

ephelos Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 1675–2180 m. KZN, EC

ericifolium Less. = **H. asperum** var. **asperum**

ericifolium Less. var. *albidulum* DC. = **H. asperum** var. **albidulum**

ericifolium Less. var. *appressifolium* Moeser = **H. asperum** var. **appressifolium**

ericifolium Less. var. *laxum* (DC.) Harv. = **H. asperum** var. **asperum**

ericifolium Less. var. *lineare* in sense of Harv., not of *H. lineare* DC. = **H. asperum** var. **comosum**

ericifolium Less. var. *metalasioides* (DC.) Harv. = **H. niveum**

ericoides (Lam.) Pers. = **Dolichothrix ericoides**

eriophorum Conrath = **H. acutatum**

ernestianum DC. = **H. sessile**

erosum Harv. = **H. rosum** var. **rosum**

erubescens Hilliard
Annual, occ. perennial. Herb. Ht 0.03–0.1 m. Alt? N

evansii Hilliard
H. alticolum Bolus var. *montanum* Bolus (3)
Perennial. Herb. Ht 0.03–0.1 m. Alt 2500–3355 m. FS, KZN, L

excisum (Thunb.) Less.
Gnaphalium excisum Thunb. (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 305–1220 m. WC, EC

expansum (Thunb.) Less. = **H. indicum**

fasciculatum (Andrews) Willd. = **Edmondia fasciculata**

fastigiatum Harv. = **H. cylindriflorum**

felinum Less.
Perennial. Herb. Ht 0.2–1 m. Alt 15–1900 m. KZN, WC, EC

filagineum DC. = **H. micropoides**

filiforme (D.Don) Less. = **Edmondia sesamoides**

flanaganii Bolus
Perennial. Herb. Ht 0.05–0.25 m. Alt 1065–3475 m. KZN, L, EC

flavum Burtt Davy = **H. epapposum**

fleckii S.Moore = **H. pumilio** subsp. **fleckii**

fleckii S.Moore var. *dinteri* (S.Moore) Merxm. & A.Schreib. = **H. pumilio** subsp. **fleckii**

floccosum Klatt = **H. acutatum**

foetidum (L.) Moench var. **foetidum**
Gnaphalium foetidum L. (2)
Biennial. Herb. Ht 0.3–1 m. Alt 5–1670 m. WC, EC

fourcadei Hilliard
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 810–850 m. WC, EC

fruticans (L.) D.Don
Gnaphalium fruticans L. (2)
Perennial. Herb. Ht 0.5–1 m. Alt 365–750 m. WC

fulgidum (L.f.) Willd. var. *angustifolium* DC. = **H. aureum** var. **aureum**

fulgidum (L.f.) Willd. var. *heterotrichum* DC. = **H. aureum** var. **aureum**

fulgidum (L.f.) Willd. var. *monocephalum* DC. = **H. aureum** var. **monocephalum**

fulgidum (L.f.) Willd. var. *nanum* DC. = **H. aureum** var. **monocephalum**

fulgidum (L.f.) Willd. var. *subnudatum* DC. = **H. tenax** var. **tenax**

fulvellum Harv. = **H. rotundatum**

fulvum N.E.Br.
Perennial. Herb. Ht 0.5–1 m. Alt 1400–2100 m. FS, KZN, EC

galpinii N.E.Br.
H. galpinii N.E.Br. var. *tenuis* Burtt Davy (2)
Perennial. Dwarf shrub. Ht 0.01–0.03 m. Alt 915–2320 m. LIM, M, S

galpinii N.E.Br. var. *tenuis* Burtt Davy = **H. galpinii**

galpinii Schltr. & Moeser = **H. acutatum**

gariepinum DC.
Annual, occ. perennial. Herb. Ht 0.05–0.2 m. Alt 90–915 m. N, NC

gazense S.Moore = **H. lepidissimum**

gemmiferum Bolus = **Atrichantha gemmifera**

gerberifolium A.Rich. = **H. nudifolium** var. **nudifolium**

gerrardii Harv. = **H. stenopterum**

glaciale Hilliard
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 2500–2910 m. KZN, L, EC

glomeratum Klatt
Perennial. Herb. Ht 0.2–0.45 m. Alt 1065–2600 m. M, FS, KZN, L, EC

grandibracteatum M.D.Hend.
Perennial. Herb. Ht 0.1–0.2 m. Alt 1350–2600 m. FS, KZN, L, EC

grandiflorum (L.) D.Don
Gnaphalium grandiflorum L. (2)
Perennial. Herb. Ht 0.1–0.45 m. Alt 300–460 m. WC

griseolanatum Hilliard
H. epapposum Bolus var. *robustum* Bolus (2)
H. inerme Moeser var. *brachycladum* Moeser (2)
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 1065–2620 m. KZN, L, EC

griseum Sond.
H. agrostophilum Klatt in part (2)
Perennial. Herb. Ht 0.35–0.75 m. Alt 60–1500 m. KZN, EC

gymnocomum DC.
Perennial. Herb. Ht 0.15–0.3 m. Alt 5–3000 m. KZN, L, EC

hamulosum E.Mey. ex DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.75 m. Alt 365–1860 m. NC, WC, EC

harveyanum Wild
H. subulifolium Harv. (2)
Perennial. Herb. Ht 0.3–0.75 m. Alt 1120–1720 m. B, LIM, NW, G, M

haygarthii Bolus
H. multirosulatum O.Hoffm. & Muschl. (2)
Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 2000–2230 m. FS, KZN

hebelepis DC.
Perennial. Shrub. Ht 0.15–2.5 m. Alt 5–1270 m. NC, WC

helianthemifolium (L.) D.Don
Gnaphalium helianthemifolium L. (2)
H. capitellatum (Thunb.) Less. (2)
Annual, occ. perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 50–1745 m. WC, EC

helodes Hiern = **H. aureonitens**

herbaceum (Andrews) Sweet
H. squamosum of authors, not of (Jacq.) Thunb. (2)
Xeranthemum herbaceum Andrews (2)
Perennial. Herb. Ht 0.15–0.45 m. Alt 45–2500 m. LIM, M, FS, KZN, L, EC

herniarioides DC.
Gnaphalium indicum in sense of Dinter, not of L., misapplied name (2)
Annual. Herb. Ht 0.03–0.15 m. Alt 5–1675 m. N, NC, WC

heterolasium Hilliard
Biennial. Herb. Ht 0.2–0.8 m. Alt 2280–2850 m. KZN, L

hochstetteri (A.Rich.) Hook.f. = **H. stenopterum**

homilochrysum S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1350–1990 m. M, S

humile (Andrews) Less. = **Edmondia pinifolia**

hutchinsonii E.Phillips = **H. pumilio** subsp. **pumilio**

hyphocephalum Hilliard
Perennial. Herb. Ht 0.05–0.1 m. Alt 1830–2500 m. KZN

hypoleucum Harv.
Gnaphalium subcordatum Kuntze (2)
Perennial. Shrub, herb. Ht 0.3–2 m. Alt 1200–2135 m. M, FS, KZN

imbricatum (L.) Less. = **H. cochleariforme**

incarnatum DC.
H. rubellum (Thunb.) Less. var. *incarnatum* (DC.) Harv. (2)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 180–1170 m. WC

indicum (L.) Grierson
Gnaphalium indicum L. (2)
H. expansum (Thunb.) Less. (2)
Annual. Herb. Ht 0.1–0.4 m. Alt 15–825 m. WC

inerme Moeser excl. var. *brachycladum* Moeser = **H. epapposum**

inerme Moeser var. *brachycladum* Moeser = **H. griseolanatum**

infaustum J.M.Wood & M.S.Evans
Calomeria infausta (J.M.Wood & M.S.Evans) Heine (2)
Humea infausta (J.M.Wood & M.S.Evans) S.Moore (2)
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 400–2775 m. M, FS, KZN, L

infaustum J.M.Wood & M.S.Evans var. *discolor* Moeser = **H. cymosum** subsp. **calvum**

infuscum Burtt Davy = **H. cephaloideum**

ingomense Hilliard
Perennial. Herb. Ht 0.15–0.3 m. Alt ?–1335 m. KZN

inornatum Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.2–0.5 m. Alt 1500–2290 m. KZN

interjacens Hilliard
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 1300–2300 m. M, S, KZN

interzonale Compton
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 550–1500 m. WC

intricatum DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt ?–1675 m. WC, EC

involucratum Klatt = **H. spiralepis**

isolepis Bolus
Perennial. Herb. Ht 0.15–0.3 m. Alt 1645–2255 m. EC

jubilatum Hilliard
Annual. Herb. Ht 0.02–0.1 m. Alt? NC

junodii Moeser
Perennial. Shrub. Ht 0.2–0.5 m. Alt 1100–1925 m. LIM

kraussii Sch.Bip.
H. steetzii (Vatke) O.Hoffm. (2)
Perennial. Shrub. Ht 0.1–1.5 m. Alt 5–1850 m. LIM, NW, G, M, S, FS, KZN

krebsianum Less.
Perennial. Herb. Ht 0.2–0.6 m. Alt 100–2135 m. KZN, EC

krookii Moeser
Perennial. Herb. Ht 0.3–0.4 m. Alt 1650–2835 m. KZN, L, EC

kuntzei (Kuntze) Moeser = **H. melanacme**

laevigatum Markötter = **H. sessile**

lambertianum DC.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 155–1525 m. WC

lamprocephalum Bolus = **H. ecklonis**

lanatomarginatum Markötter = **H. thapsus**

lanatum Harv., not of Schrank = **H. dasymallum**

lancifolium (Thunb.) Thunb.
Xeranthemum lancifolium Thunb. (2)
Perennial. Shrub, herb. Ht 0.15–0.3 m. Alt 670–1980 m. WC, EC

laneum S.Moore = **H. pumilio** subsp. **pumilio**

lasianthum Schltr. & Moeser = **Vellereophyton lasianthum**

latifolium (Thunb.) Less. = **H. nudifolium** var. **piloselum**

leiopodium DC. = **H. nudifolium** var. **nudifolium**

leiopodium DC. var. *denudatum* Harv. = **H. nudifolium** var. **nudifolium**

leipoldtii Bolus = **H. cylindriflorum**

leontonyx DC.
Annual. Herb. Ht 0.01–0.05 m. Alt 120–1260 m. N, NC, WC, EC

lepidissimum S.Moore
H. gazense S.Moore (2)
H. lepidissimum S.Moore var. *flavidum* Moeser (2)
Perennial. Shrub, herb. Ht 0.1–0.75 m. Alt 1200–2080 m. LIM, NW, G, M, S, KZN, EC

lepidissimum S.Moore var. *flavidum* Moeser = **H. lepidissimum**

lepidopodium Bolus = **Syncarpha lepidopodium**

leptolepis DC. = **H. candolleanum**

leptorhizum DC.
Annual. Herb. Ht 0.03–0.06 m. Alt 300–330 m. NC, WC

lesliei Hilliard
Perennial. Shrub, herb. Ht 0.2–0.6 m. Alt 1370–1890 m. G, M

lineare DC.
H. seineri Moeser (2)
Perennial. Herb. Ht 0.07–0.15 m. Alt 730–1980 m. N, B, LIM, NW, G, FS, KZN, L, NC, WC, EC

lineare DC. var. *caespititium* DC. = **H. caespititium**

lineatum Bolus
Perennial, occ. annual. Herb. Ht 0.03–0.05 m. Alt 2700–3240 m. L, EC

lingulatum Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 1370–1950 m. KZN, L, EC

litorale Bolus
Leontonyx angustifolius DC. (2)
Leontonyx spathulatus Less. (2)
Perennial. Herb. Ht 0.05–0.5 m. Alt 5–1500 m. WC, EC

longebracteatum Schrank = **Edmondia pinifolia**

longifolium DC.
Perennial. Herb. Ht 0.25–0.6 m. Alt 10–915 m. KZN, EC

longinquum Hilliard
Perennial. Herb. Ht 0.2–0.3 m. Alt 2100–2440 m. KZN

lucilioides Less.
Leontonyx ramosissimum O.Hoffm. (2)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 900–1585 m. N, FS, NC, WC, EC

manopappum O.Hoffm. = **H. rutilans**

marginatum DC.
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 2440–3355 m. FS, KZN, L, EC

mariepscopicum Hilliard
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1370–1675 m. M

marifolium DC.
H. umbellatum (Turcz.) Harv. (2)
Perennial. Herb. Ht 0.1–0.2 m. Alt 610–1500 m. WC

marifolium of authors, not of DC. = **H. capense**

maritimum D.Don = **H. dasyanthum**

marlothianum O.Hoffm.
Annual. Herb. Ht 0.02–0.1 m. Alt 300–400 m. N

marmarolepis S.Moore
Annual. Herb. Ht 0.03–0.25 m. Alt 30–400 m. NC, WC

melanacme DC.
H. kuntzei (Kuntze) Moeser (2)
H. pullulum Burtt Davy (2)
H. tenuiculum in sense of Hilliard, not of DC. (2)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1130–2835 m. G, M, S, FS, KZN, L, EC

metalasioides DC. = **H. niveum**

miconiifolium DC.
Perennial. Herb. Ht 0.2–0.9 m. Alt 185–3050 m. LIM, NW, G, M, S, FS, KZN, L, EC

micropoides DC.
Gnaphalium prostratum Thunb. (2)
H. filagineum DC. (2)
H. namaquense Schltr. & Moeser (2)
Annual, occ. perennial. Herb. Ht 0.02–0.05 m. Alt 10–1300 m. N, NC, WC

milfordiae Killick
Perennial. Dwarf shrub, herb. Ht 0.05–0.12 m. Alt 2440–3500 m. KZN, L

milleri Hilliard
Perennial. Shrub. Ht 0.5–1 m. Alt 1730–2000 m. M, S

mimetes S.Moore
Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt 1065–2090 m. LIM, M, S

mixtum (Kuntze) Moeser var. **grandiceps** Hilliard
Perennial. Herb. Ht 0.25–0.6 m. Alt 660–1600 m. M, S

mixtum (Kuntze) Moeser var. **mixtum**
Gnaphalium mixtum Kuntze (2)
Perennial. Herb. Ht 0.25–0.6 m. Alt 15–1830 m. LIM, NW, G, M, S, KZN, EC

moeserianum Thell.
H. rutilans of authors, not of (L.) D.Don (2)
Annual. Herb. Ht 0.1–0.4 m. Alt 180–1005 m. NC, WC

molestum Hilliard
Perennial. Herb. Ht 0.5–1 m. Alt 1675–2050 m. LIM, G, M, S

mollifolium Hilliard
Perennial. Herb. Ht 0.35–0.6 m. Alt 2100–2450 m. KZN

montanum DC.
H. splendidum (Thunb.) Less. var. *montanum* (DC.) Harv. (2)
Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 1370–2745 m. FS, KZN, L, EC

monticola Hilliard
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2700 m. M, S, FS, KZN, EC

montis-cati Hilliard
Perennial. Shrub. Ht 0.5–3 m. Alt 1520–1670 m. EC

montosicolum Gand. = **Pseudognaphalium undulatum**

mucronatum (P.J.Bergius) Less. = **Syncarpha mucronata**

multirosulatum O.Hoffm. & Muschl. = **H. haygarthii**

mundtii Harv.
Perennial. Herb. Ht 0.5–1.5 m. Alt 700–2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

mutabile Hilliard
Perennial. Herb. Ht 0.3–1 m. Alt 750–2100 m. LIM, G, M, S

namaquense Schltr. & Moeser = **H. micropoides**

nanum Klatt
Perennial. Herb. Ht 0.1–0.2 m. Alt 1405–3355 m. FS, KZN, L, EC

natalitium DC.
Perennial. Herb. Ht 0.4–1 m. Alt 50–2500 m. KZN, EC

nimbicola Hilliard
Perennial. Herb. Ht 0.05–0.2 m. Alt 2500–2800 m. KZN, EC

niveum (L.) Less.
Gnaphalium niveum L. (2)
H. ericifolium Less. var. *metalasioides* (DC.) Harv. (2)
H. metalasioides DC. (2)
Perennial. Dwarf shrub. Ht 0.06–0.9 m. Alt 5–180 m. WC

niveum of authors, not of (L.) Less. = **H. rutilans**

nudifolium (L.) Less. var. *leiopodium* (DC.) Moeser = **H. nudifolium** var. **nudifolium**

nudifolium (L.) Less. var. **nudifolium**
Gnaphalium nudifolium L. (2)
Gnaphalium plantaginifoliatum Kuntze (5)
H. asperifolium Moeser (2)
H. brunneum Burtt Davy (5)
H. coriaceum Harv. (5)
H. davyi S.Moore (5)
H. gerberifolium A.Rich. (5)
H. leiopodium DC. (2)
H. leiopodium DC. var. *denudatum* Harv. (2)
H. nudifolium (L.) Less. var. *leiopodium* (DC.) Moeser (2)
H. nudifolium (L.) Less. var. *obovatum* Harv. (2)
H. nudifolium (L.) Less. var. *quinquenerve* (Thunb.) Moeser (2)
H. plantaginifolium O.Hoffm. ex Moeser (5)
H. quinquenerve (Thunb.) Less. (2)
Perennial. Herb. Ht 0.1–1.5 m. Alt 5–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

nudifolium (L.) Less. var. *obovatum* Harv. = **H. nudifolium** var. **nudifolium**

nudifolium (L.) Less. var. **oxyphyllum** (DC.) Beentje
H. amoenum Moeser (5)
H. oxyphyllum DC. (5)
H. undatum (J.F.Gmel.) Less. (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 50–1675 m. LIM, G, M, S, KZN, WC, EC

nudifolium (L.) Less. var. **pilosellum** (L.f.) Beentje
Gnaphalium pilosellum L.f. (5)
H. latifolium (Thunb.) Less. (5)
H. pedunculare (L.) DC. var. *pilosellum* (L.f.) Harv. (5)
H. pilosellum (L.f.) Less. (5)
Perennial. Herb. Ht 0.1–0.5 m. Alt 30–2810 m. LIM, NW, G, M, S, FS, KZN, L, EC

nudifolium (L.) Less. var. *quinquenerve* (Thunb.) Moeser = **H. nudifolium** var. **nudifolium**

nummularium Moeser = **H. rotundifolium**

obductum Bolus
H. obductum Bolus var. *laxior* Bolus (8)
Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 765–2100 m. LIM, M, KZN

obductum Bolus var. *laxior* Bolus = **H. obductum**

obtusum (S.Moore) Moeser
H. dinteri S.Moore var. *obtusum* S.Moore (2)
H. obtusum (S.Moore) Moeser var. *microphyllum* Merxm. & A.Schreib. (2)
H. obtusum (S.Moore) Moeser var. *namibense* Merxm. & A.Schreib. (2)
Perennial. Dwarf shrub, herb. Ht 0.04–0.15 m. Alt 190–1160 m. N, FS, NC, EC

obtusum (S.Moore) Moeser var. *microphyllum* Merxm. & A.Schreib. = **H. obtusum**

obtusum (S.Moore) Moeser var. *namibense* Merxm. & A.Schreib. = **H. obtusum**

obvallatum DC. = **H. cerastioides** var. **cerastioides**

odoratissimum (L.) Sweet
Gnaphalium odoratissimum L. (2)
Perennial. Shrub, herb. Ht 0.2–1.75 m. Alt 5–3050 m. LIM, M, S, FS, KZN, L, WC, EC

oligopappum Bolus
Perennial. Herb. Ht 0.1–0.6 m. Alt 915–1675 m. KZN

opacum Klatt
Perennial. Herb. Ht 0.2–0.4 m. Alt 790–2100 m. M, S, FS, KZN

orbiculare (Thunb.) Druce = **Plecostachys serpyllifolia**

oreophilum Dinter = **Troglophyton capillaceum** subsp. **capillaceum**

oreophilum Klatt
Perennial. Herb. Ht 0.06–0.3 m. Alt 1005–2440 m. LIM, G, M, S, FS, KZN, L

outeniquense Hilliard
Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt? EC

oxybelium DC.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 155–1220 m. NC, WC

oxyphyllum DC. = **H. nudifolium** var. **oxyphyllum**

pachyrhizum Harv. = **H. candolleanum**

pachyrhizum Harv. var. *thunbergii* Harv. = **H. pumilio** subsp. **pumilio**

pagophilum M.D.Hend.
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 2745–3500 m. KZN, L

paleatum Hilliard
Perennial. Herb. Ht 0.15–0.3 m. Alt 1900–2500 m. KZN, L

pallidum DC.
H. agrostophilum Klatt in part (2)
H. agrostophilum Klatt var. *nemorosum* Bolus (2)
H. undatum (J.F.Gmel.) Less. var. *agrostophilum* (Klatt) Moeser (2)
H. undatum (J.F.Gmel.) Less. var. *pallidum* (DC.) Harv. (2)
Perennial. Herb. Ht 0.2–0.65 m. Alt 10–2700 m. LIM, G, M, S, FS, KZN, L, EC

palustre Hilliard
Perennial. Herb. Ht 0.05–0.2 m. Alt 2300–3400 m. KZN, L, EC

panduratum O.Hoffm. var. **panduratum**
H. auriculatum in sense of Oliv. & Hiern, not of Less. (2)
H. auriculatum Less. var. *panduratum* Harv. (2)
Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 10–1220 m. KZN, EC

panduratum O.Hoffm. var. **transvaalense** Moeser
Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 610–1900 m. LIM, M, S, KZN

pandurifolium Schrank
H. auriculatum Less. (2)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 15–1525 m. WC, EC

paniculatum (L.) Willd. = **Syncarpha paniculata**

pannosum DC.
Perennial. Herb. Ht 0.45–1 m. Alt 220–650 m. KZN, EC

paronychioides DC.
Perennial. Dwarf shrub, herb. Ht 0.02–0.05 m. Alt 610–1740 m. B, LIM, NW, G, M, FS, L, NC

parviflorum (Lam.) DC. = **H. rutilans**

patulum (L.) D.Don
Gnaphalium patulum L. (2)
H. crispum (L.) D.Don var. *citrinum* Harv. (2)
H. crispum of authors, not of (L.) D.Don (2)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 5–640 m. WC

pedunculare (L.) DC. var. *pilosellum* (L.f.) Harv. = **H. nudifolium** var. **pilosellum**

pedunculare of authors, not of (L.) DC. = **H. pedunculatum**

pedunculatum Hilliard & B.L.Burtt
H. pedunculare of authors, not of (L.) DC. (2)
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1525 m. FS, L, WC, EC

pentzioides Less.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 120–1420 m. FS, NC, WC, EC

petiolare Hilliard & B.L.Burtt
H. petiolatum of authors, not of (L.) DC. (2)
Perennial. Shrub, herb. Ht 0.3–4.5 m. Alt 5–1890 m. WC, EC

petiolatum of authors, not of (L.) DC. = **H. petiolare**

petraeum Hilliard
Perennial. Herb. Ht 0.1–0.3 m. Alt 1350–1850 m. S, KZN

pilosellum (L.f.) Less. = **H. nudifolium** var. **pilosellum**

pinifolium (Lam.) Schrank = **Edmondia pinifolia**

plantaginifolium O.Hoffm. ex Moeser = **H. nudifolium** var. **nudifolium**

platypterum DC.
Cassinia alba O.Hoffm. (2)
Gnaphalium amplum Kuntze (2)
Perennial. Herb. Ht 0.3–1 m. Alt 50–2135 m. LIM, M, S, FS, KZN, L, EC

plebeium DC.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–600 m. WC

polycladum Klatt
Perennial. Herb. Ht 0.2–1 m. Alt 1200–3300 m. LIM, NW, G, M, S, KZN

polyphyllum Conrath = **H. cephaloideum**

pondoense Schltr. = **H. chionosphaerum**

populifolium DC.
Perennial. Shrub. Ht 0.9–2 m. Alt 10–800 m. KZN, EC

praecinctum Klatt
H. rogersii S.Moore (2)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 5–15 m. EC

praecurrens Hilliard
Perennial. Herb. Ht 0.01–0.03 m. Alt 2050–3670 m. FS, KZN, L

pseudofasciculatum Schrank = **Edmondia sesamoides**

psilolepis Harv.
Perennial. Herb. Ht 0.2–0.4 m. Alt 600–2500 m. G, M, FS, KZN, L, EC

pulchellum DC.
H. cochleariforme in sense of Harv., not of DC. (2)
H. concinnum N.E.Br. (2)
Perennial. Herb. Ht 0.05–0.2 m. Alt 700–1220 m. NC, WC

pullulum Burtt Davy = **H. melanacme**

pulvinatum O.Hoffm. ex Kuntze = **H. sutherlandii**

pumilio (O.Hoffm.) Hilliard & B.L.Burtt subsp. **fleckii** (S.Moore) Hilliard
H. fleckii S.Moore (2)
H. fleckii S.Moore var. *dinteri* (S.Moore) Merxm. & A.Schreib. (2)
H. viscidissimum Hutch. (2)
H. viscidissimum Hutch. var. *volkii* Merxm. (2)
Perennial. Dwarf shrub, herb. Ht 0.02–0.3 m. Alt 800–2480 m. N

pumilio (O.Hoffm.) Hilliard & B.L.Burtt subsp. **pumilio**
H. bolusianum Moeser (2)
H. hutchinsonii E.Phillips (2)
H. laneum S.Moore (2)
H. pachyrhizum Harv. var. *thunbergii* Harv. (2)
Leontonyx pumilio O.Hoffm. (2)
Perennial. Dwarf shrub, herb. Ht 0.02–0.25 m. Alt 135–2090 m. FS, NC, WC, EC

qathlambanum Hilliard
Perennial. Herb. Ht 0.25–0.75 m. Alt 1800–3000 m. KZN, L

quinquenerve (Thunb.) Less. = **H. nudifolium** var. **nudifolium**

randii S.Moore = **H. chionosphaerum**

rangei Moeser ex Dinter = **H. arenicola**

recurvatum (L.f.) Thunb. = **Syncarpha recurvata**

reflexum N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.25–0.75 m. Alt 1350–2400 m. LIM, M, S

refractum Hilliard
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 330–800 m. EC

retortoides N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 2200–3355 m. KZN, L

retortum (L.) Willd.
Xeranthemum retortum L. (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 5–45 m. WC

retortum (L.) Willd. var. *minus* DC. = **H. stoloniferum**

retusum (Lam.) Spreng. = **Facelis retusa**

revolutum (Thunb.) Less.
Gnaphalium revolutum Thunb. (2)
Perennial. Shrub, dwarf shrub. Ht 0.25–2 m. Alt 5–1200 m. N, NC, WC

rogersii S.Moore = **H. praecinctum**

roseo-niveum Marloth & O.Hoffm.
Annual, occ. perennial. Herb. Ht 0.03–0.15 m. Alt 200–1065 m. N

rosum (P.J.Bergius) Less. var. **arcuatum** Hilliard
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 50–1220 m. FS, EC

rosum (P.J.Bergius) Less. var. *concolorum* (DC.) Moeser = **H. rosum** var. **rosum**

rosum (P.J.Bergius) Less. var. **rosum**
Gnaphalium rosum P.J.Bergius (2)
H. erosum Harv. (2)
H. rosum (P.J.Bergius) Less. var. *concolorum* (DC.) Moeser (2)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 20–1830 m. WC, EC

rotundatum Harv.
Eriosphaera coriacea DC. (2)
H. coriaceum (DC.) Harv. (2)
H. fulvellum Harv. (2)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 1200–1525 m. WC

rotundifolium in sense of Moeser, not of (Thunb.) Less. = **H. crispum**

rotundifolium (Thunb.) Less.
Gnaphalium rotundifolium Thunb. (2)
H. nummularium Moeser (2)
Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 580–2000 m. WC

rubellum (Thunb.) Less. = **H. cylindriflorum**

rubellum (Thunb.) Less. var. *incarnatum* (DC.) Harv. = **H. incarnatum**

ruderale Hilliard & B.L.Burtt
Biennial. Herb. Ht 0.3–1 m. Alt 15–1050 m. KZN

rudolfii Hilliard
Perennial. Shrub. Ht 0.3–1.3 m. Alt 1500–1675 m. LIM, M

rugulosum Less.
Perennial. Herb. Ht 0.1–0.3 m. Alt 15–2225 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

rutilans (L.) D.Don
Gnaphalium rutilans L. (2)
H. manopappum O.Hoffm. (2)
H. niveum of authors, not of (L.) Less. (2)
H. parviflorum (Lam.) DC. (2)
Perennial. Dwarf shrub, herb. Ht 0.01–0.6 m. Alt 10–1600 m. FS, NC, WC, EC

rutilans of authors, not of (L.) D.Don = **H. moeserianum**

saxicola Hilliard
Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 2000–2170 m. WC

scabrum (Thunb.) Less.
H. scabrum (Thunb.) Less. var. *microphyllum* (DC.) Harv. (2)
H. scabrum (Thunb.) Less. var. *scaberrimum* Harv. (2)
Perennial. Shrub. Ht 0.15–1.8 m. Alt 105–915 m. NC, WC

scabrum (Thunb.) Less. var. *microphyllum* (DC.) Harv. = **H. scabrum**

scabrum (Thunb.) Less. var. *scaberrimum* Harv. = **H. scabrum**

scapiforme Moeser = **H. ecklonis**

schlechteri Bolus = **H. acutatum**

scitulum Hilliard & B.L.Burtt
Perennial. Shrub, herb. Ht 0.05–0.1 m. Alt 1800–2000 m. WC, EC

scleranthoides S.Moore = **Ifloga molluginoides**

scopulosum M.D.Hend. = **H. aureum** var. **scopulosum**

seineri Moeser = **H. lineare**

serpyllifolium (P.J.Bergius) Pers. = **Plecostachys serpyllifolia**

serpyllifolium (P.J.Bergius) Pers. var. *orbiculare* (Thunb.) DC. = **Plecostachys serpyllifolia**

serpyllifolium (P.J.Bergius) Pers. var. *polifolium* (Thunb.) DC. = **Plecostachys polifolia**

sesamoides (L.) Willd. = **Edmondia sesamoides**

sesamoides (L.) Willd. var. *fasciculatum* (Andrews) Harv. = **Edmondia fasciculata**

sesamoides (L.) Willd. var. *filiforme* (D.Don) Harv. = **Edmondia sesamoides**

sesamoides (L.) Willd. var. *heterophyllum* Harv. = **Edmondia sesamoides**

sesamoides (L.) Willd. var. *willdenowii* Harv. = **Edmondia sesamoides**

sessile DC.
H. ernestianum DC. (2)
H. laevigatum Markötter (2)
Perennial. Dwarf shrub. Ht 0.04–0.1 m. Alt 1370–2855 m. FS, EC

sessile of authors, not of DC. = **H. sessilioides**

sessilioides Hilliard
H. aretioides Thell. (2)
H. sessile of authors, not of DC. (2)
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 2000–3200 m. KZN, L, EC

setigerum Bolus = **H. albo-brunneum**

setigerum Bolus var. *minor* Bolus = **H. albo-brunneum**

setosum Harv.
Perennial. Shrub, herb. Ht 0.25–1.2 m. Alt 1220–2000 m. LIM, NW, G, M, FS, KZN

silicicolum Compton = **H. simulans**

silvaticum Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 5–50 m. KZN

simii Bolus = **Gnaphalium simii**

simillimum DC.
Perennial. Herb. Ht 0.3–0.4 m. Alt 250–2315 m. KZN, WC, EC

simulans Harv. & Sond.
H. silicicolum Compton (2)
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 270–1500 m. WC

solitarium Hilliard
Perennial. Herb. Ht 0.01–0.05 m. Alt 2950–3000 m. WC

sordescens DC. = **Syncarpha sordescens**

spathulatum Moeser = **H. acrophilum**

spectabile Lodd. = **Edmondia pinifolia**

sphaeroideum Moeser
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 900–1600 m. WC

spiciforme DC.
Perennial. Shrub, dwarf shrub. Ht 0.01–0.1 m. Alt 975–1525 m. N, B, NC

spiciforme DC. subsp. *amboense* (Schinz) Merxm. = **H. amboense**

spiciforme DC. var. *amboense* (Schinz) Moeser = **H. amboense**

spinosum (L.) Willd. = **Macledium spinosum**

spiralepis Hilliard & B.L.Burtt
H. involucratum Klatt (2)
Leontonyx squarrosus DC. (2)
Leontonyx tomentosus Cass. (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 5–2865 m. LIM, M, S, FS, KZN, L, WC, EC

splendidum (Thunb.) Less.
Gnaphalium splendidum Thunb. (2)
H. strictum (Lam.) Druce (2)
Perennial. Shrub, herb. Ht 0.15–1.55 m. Alt 1045–2745 m. LIM, G, M, S, FS, KZN, L, WC, EC

splendidum (Thunb.) Less. var. *basuticum* E.Phillips = **H. witbergense**

splendidum (Thunb.) Less. var. *montanum* (DC.) Harv. = **H. montanum**

spodiophyllum Hilliard & B.L.Burtt
Perennial. Dwarf shrub, herb. Ht 0.05–0.25 m. Alt 1370–2095 m. M, S, KZN, EC

squamosum (Jacq.) Thunb. = **Edmondia pinifolia**

squamosum of authors, not of (Jacq.) Thunb. = **H. herbaceum**

steetzii (Vatke) O.Hoffm. = **H. kraussii**

stellatum (L.) Less.
Gnaphalium stellatum L. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.45 m. Alt 30–915 m. NC, WC

stellatum (L.) Less. var. *globiferum* Harv. = **H. cochleariforme**

stenopterum DC.
Achyrocline stenoptera (DC.) Hilliard & B.L.Burtt (4)
H. gerrardii Harv. (2)
H. hochstetteri (A.Rich.) Hook.f. (4)
Perennial. Herb. Ht 0.5–2 m. Alt 5–1830 m. B, LIM, NW, G, M, S, KZN, EC

stoloniferum (L.f.) Willd.
H. retortum (L.) Willd. var. *minus* DC. (2)
Xeranthemum stoloniferum L.f. (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1200–1920 m. WC

striatum (Thunb.) Thunb. = **Syncarpha striata**

strictum (Lam.) Druce = **H. splendidum**

subfalcatum Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 2100–3355 m. KZN, L

subglomeratum Less.
H. subglomeratum Less. var. *lingulatum* Harv. (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 5–3475 m. N, LIM, G, M, FS, KZN, L, EC

subglomeratum Less. var. *imbricatum* DC. = **H. albanense**

subglomeratum Less. var. *lingulatum* Harv. = **H. subglomeratum**

subluteum Burtt Davy
Perennial. Herb. Ht 0.15–0.35 m. Alt 1500–2440 m. LIM, M, S, KZN, L, EC

subulifolium Harv. = **H. harveyanum**

summo-montanum I.Verd.
H. andersoniense Burtt Davy (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 2000–2450 m. M

sutherlandii Harv.
H. pulvinatum O.Hoffm. ex Kuntze (2)
H. sutherlandii Harv. var. *semiglabrum* N.E.Br. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.06–0.4 m. Alt 1310–3355 m. M, FS, KZN, L

sutherlandii Harv. var. *semiglabrum* N.E.Br. = **H. sutherlandii**

swynnertonii S.Moore
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 915–2200 m. M, KZN, EC

tenax M.D.Hend. var. **pallidum** Hilliard & B.L.Burtt
Perennial. Shrub, herb. Ht 0.3–1.8 m. Alt 1500–1700 m. KZN, EC

tenax M.D.Hend. var. **tenax**
H. fulgidum (L.f.) Willd. var. *subnudatum* DC. (2)
Perennial. Shrub, herb. Ht 0.3–1.9 m. Alt 1300–3355 m. KZN, L, EC

tenuiculum DC.
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 650–1500 m. WC, EC

tenuiculum in sense of Hilliard, not of DC. = **H. melanacme**

tenuifolium Killick
Perennial. Shrub. Ht 0.6–2.1 m. Alt 1650–2745 m. KZN

teretifolium (L.) D.Don
Gnaphalium teretifolium L. (2)
H. teretifolium (L.) D.Don var. *natalense* Harv. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 5–1645 m. KZN, WC, EC

teretifolium (L.) D.Don var. *natalense* Harv. = **H. teretifolium**

thapsus (Kuntze) Moeser
Gnaphalium thapsus Kuntze (2)
H. lanatomarginatum Markötter (2)
Perennial. Herb. Ht 0.3–0.6 m. Alt 760–1700 m. LIM, M, S, KZN, EC

tinctum (Thunb.) Hilliard & B.L.Burtt
Gnaphalium tinctum Thunb. (2)
Leontonyx bicolor DC. (2)
Leontonyx coloratus Cass. (2)
Leontonyx glomeratus (L.) DC. (2)
Annual, occ. perennial. Herb. Ht 0.01–0.1 m. Alt 250–1675 m. NC, WC, EC

tomentosulum (Klatt) Merxm. subsp. **aromaticum** (Dinter) Merxm.
H. aromaticum Dinter (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 915–1005 m. N, NC

tomentosulum (Klatt) Merxm. subsp. **tomentosulum**
H. benguellense Hiern var. *latifolium* S.Moore ex Moeser (2)
Stenocline tomentosula Klatt (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 500–2135 m. N, B

tongense Hilliard
Biennial. Herb. Ht 0.5–1.2 m. Alt 5–55 m. S, KZN

transmontanum Hilliard
Perennial. Shrub. Ht 0.5–1.5 m. Alt 1200–1525 m. LIM, M, S

transvalense Staner = **H. acutatum**

tricostatum (Thunb.) Less.
Gnaphalium tricostatum Thunb. (2)
Perennial. Shrub. Ht 1–2 m. Alt 240–455 m. NC, WC

trilineatum DC.
Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 1250–3355 m. KZN, L, EC

truncatum Burtt Davy
Perennial. Herb. Ht 0.15–0.35 m. Alt 1370–2150 m. LIM, M, S

tysonii Hilliard
Annual. Herb. Ht 0.01–0.03 m. Alt 1800–2000 m. WC, EC

umbellatum (Turcz.) Harv. = **H. marifolium**

umbraculigerum Less.
H. coactum M.D.Hend. (2)

Perennial. Herb. Ht 0.25–1 m. Alt 5–2440 m. LIM, M, FS, KZN, L, EC

undatum (J.F.Gmel.) Less. = **H. nudifolium** var. **oxyphyllum**

undatum (J.F.Gmel.) Less. var. *agrostophilum* (Klatt) Moeser = **H. pallidum**

undatum (J.F.Gmel.) Less. var. *pallidum* (DC.) Harv. = **H. pallidum**

uninervium Burtt Davy
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1100–2075 m. LIM, G, M

variegatum Thunb. = **Syncarpha variegata**

vellereum R.A.Dyer = **Vellereophyton vellereum**

vernum Hilliard
Perennial. Herb. Ht 0.1–0.3 m. Alt 1675–2895 m. KZN, L

versicolor O.Hoffm. & Muschl.
Annual. Herb. Ht 0.1–0.4 m. Alt 5–50 m. WC, EC

vestitum (L.) Willd. = **Syncarpha vestita**

virgatum (P.J.Bergius) Willd. = **Syncarpha staehelina**

viscidissimum Hutch. = **H. pumilio** subsp. **fleckii**

viscidissimum Hutch. var. *volkii* Merxm. = **H. pumilio** subsp. **fleckii**

wilmsii Moeser
Perennial. Shrub, dwarf shrub. Ht 0.25–0.9 m. Alt 1060–1980 m. LIM, M, S

witbergense Bolus
H. splendidum (Thunb.) Less. var. *basuticum* E.Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 2600–3475 m. L, EC

woodii N.E.Br.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 600–915 m. KZN

xerochrysum DC.
Perennial. Herb. Ht 0.3–1 m. Alt 670–1465 m. KZN, EC

zeyheri Less.
H. zeyheri Less. var. *burchellii* (DC.) Harv. (2)
H. zeyheri Less. var. *intermedium* (DC.) Harv. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 185–2479 m. N, B, LIM, NW, FS, L, NC, WC, EC

zeyheri Less. var. *burchellii* (DC.) Harv. = **H. zeyheri**

zeyheri Less. var. *intermedium* (DC.) Harv. = **H. zeyheri**

zwartbergense Bolus
Perennial. Herb. Ht 0.01–0.03 m. Alt 1200–2200 m. WC, EC

HELIPTERUM DC. 9000000

affine B.Nord. = **Syncarpha affinis**

argyropsis DC. = **Syncarpha argyropsis**

brachypterum Levyns = **Syncarpha zeyheri**

canescens (L.) DC. var. *canescens* = **Syncarpha canescens** subsp. **canescens**

canescens (L.) DC. var. *leucolepis* DC. = **Syncarpha canescens** subsp. **leucolepis**

canescens (L.) DC. var. *tricolor* DC. = **Syncarpha canescens** subsp. **tricolor**

citrinum (Less.) Harv. & Sond., illegitimate name = **Syncarpha affinis**

dregeanum DC. = **Syncarpha dregeana**

eximium (L.) DC. = **Syncarpha eximia**

fasciculatum (Andrews) DC. = **Edmondia fasciculata**

ferrugineum (Lam.) DC. = **Syncarpha ferruginea**

filiforme (D.Don) DC. = **Edmondia sesamoides**

flavum Compton = **Syncarpha flava**

gnaphaloides (L.) DC. = **Syncarpha gnaphaloides**

humile (Andrews) DC. = **Edmondia pinifolia**

humile (Andrews) DC. var. *pinifolium* (Lam.) DC. = **Edmondia pinifolia**

loganianum Compton = **Syncarpha loganiana**

marlothii Schltr. = **Syncarpha marlothii**

milleflorum (L.f.) Druce = **Syncarpha milleflora**

montanum B.Nord. = **Syncarpha montana**

phlomoides (Lam.) DC. = **Syncarpha milleflora**

sesamoides (L.) DC. = **Edmondia sesamoides**

speciosissimum (L.) DC. var. *angustifolium* DC. = **Syncarpha speciosissima** subsp. **angustifolia**

speciosissimum (L.) DC. var. *speciosissimum* = **Syncarpha speciosissima** subsp. **speciosissima**

variegatum (P.J.Bergius) DC. = **Syncarpha variegata**

virgatum (P.J.Bergius) DC. in sense of most authors, not *Xeranthemum virgatum* P.J.Bergius (1767) = **Syncarpha staehelina**

zeyheri Sond. = **Syncarpha zeyheri**

HERTIA Less. 9377000

Compiled by P.P.J. Herman

(1) Kuntze. 1891. *Revisio generum plantarum* 1: 344.
(2) Fourcade. 1940. *Memoirs of the Botanical Survey of South Africa* No. 20: 27.
(3) Merxmüller. 1967. *FSWA* 139: 99, 100.
(4) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
(5) Herman. 1998. *Bothalia* 28: 192.

alata (Thunb.) Kuntze
Doria alata Thunb. (1, 2)
Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 320–1372 m. WC, EC

ciliata (Harv.) Kuntze
Doria ciliata Harv. (1, 3)
Othonna dinteri Muschl. ex Dinter (3)
Othonna macrocephala Muschl. ex Dinter (3)
Perennial. Shrub, succulent. Ht 0.15–0.6 m. Alt 800–1435 m. N, NW, FS, NC, EC

cluytiifolia (DC.) Kuntze
Doria cluytiifolia DC. (1)
Perennial. Shrub, succulent. Ht 0.45–1.5 m. Alt 465–1524 m. NC, EC

cneorifolia (DC.) Kuntze = **Lopholaena cneorifolia**

kraussii (Sch.Bip.) Fourc.
Doria kraussii Sch.Bip. (2)
Perennial. Shrub. Ht 0.3–1.25 m. Alt 60–1450 m. NC, WC, EC

kuntzei O.Hoffm. ex Kuntze = **Senecio lydenburgensis**

natalensis O.Hoffm. ex Kuntze = **Senecio affinis**

pallens (DC.) Kuntze

Othonna albicaulis Dinter (3)
Othonna muschleriana Dinter (3)
Othonna pallens DC. (1, 3)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 460–1435 m. N, NW, FS, NC, EC

HETERACTIS DC. 8882020

falcata DC. = **Gymnostephium ciliare**

HETEROLEPIS Cass. 9057000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 469.
(2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 628.
(3) Merxmüller. 1950. *Mitteilungen der Botanischen Staatssammlung München* 1: 38, 39.

aliena (L.f.) Druce
H. decipiens Cass. (2, 3)
Minurothamnus phagnaloides DC. (3)
Oedera aliena L.f. (1, 2)
Perennial. Dwarf shrub or suffrutex. Ht 0.25–0.91 m. Alt 30–1500 m. WC

decipiens Cass. = **H. aliena**

mitis (Burm.) DC.
Gorteria mitis Burm. (1)
Perennial. Herb or suffrutex. Ht? Alt? EC

peduncularis DC.
Perennial. Dwarf shrub or suffrutex. Ht 0.2–1 m. Alt 50–430 m. WC

HETEROMMA Benth. 8931000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 100–102.

decurrens (DC.) O.Hoffm.
Chrysocoma decurrens DC. (1)
Chrysocoma decurrens DC. var. *pterocaula* (DC.) Harv. (1)
Chrysocoma pterocaula DC. (1)
Senecio evansii N.E.Br. (1)
Perennial. Herb. Ht 0.76–2.4 m. Alt up to 2485 m. FS, KZN, L, EC

krookii (O.Hoffm. & Muschl.) Hilliard & B.L.Burtt
Pentheriella krookii O.Hoffm. & Muschl. (1)
Perennial. Herb or shrub. Ht 0.8–1.2 m. Alt 1800–2225 m. FS, KZN

simplicifolium J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.91–1.06 m. Alt 1800–2500 m. KZN, EC

HETERORHACHIS Sch.Bip. ex Walp. 9438020

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 312–315.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 336.

aculeata (Burm.f.) Roessler
Berkheya eryngiifolia Less. (1)
Berkheya palmata (Thunb.) Willd. (1)
Berkheya pinnata (Thunb.) Less. (1)
Carlina aculeata Burm.f. (1)
Crocodilodes eryngiifolium (Less.) Kuntze (1)
Crocodilodes palmatum (Thunb.) Kuntze (1)
Crocodilodes pinnatum (Thunb.) Kuntze (1)
H. spinosissima Sch.Bip. ex Walp. (1)
Rohria palmata Thunb. (1)
Stobaea pinnata Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.65 m. Alt ± 640 m. NC

spinosissima Sch.Bip. ex Walp. = **Heterorhachis aculeata**

HIERACIUM L. 9607000

capense L. = **Tolpis capensis**

polyodon Fr. = **Crepis hypochaeridea**

HILLIARDIA B.Nord. 9339020

Compiled by P.P.J. Herman

(1) Nordenstam. 1987. *Opera Botanica* 92: 147–151.

zuurbergensis (Oliv.) B.Nord.
Matricaria zuurbergensis Oliv. (1)
Perennial. Suffrutex. Ht 0.5–2 m. Alt 500–2000 m. KZN, EC

HIPPIA L. 9357000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 170, 171.
(2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 628.
(3) Hutchinson. 1917. *Annals of the South African Museum* 9: 394, 395.
(4) Hutchinson. 1918. *Kew Bulletin* 1918: 178–181.
(5) Compton. 1940. *Journal of South African Botany* 6: 60, 61.
(6) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 79, 80.

bicolor (Roth) Smith = **Dichrocephala integrifolia** subsp. **integrifolia**

bolusae Hutch.
Perennial. Herb or suffrutex. Ht 0.15–0.6 m. Alt 152–2100 m. WC, EC

frutescens (L.) L.
Tanacetum frutescens L. (1, 4)
Perennial. Shrub or suffrutex. Ht 0.15–1.5 m. Alt 10–1150 m. WC, EC

gracilis Less. = **H. pilosa**

hirsuta DC.
Perennial. Suffrutex. Ht up to 0.3 m. Alt 1000–1065 m. WC

hutchinsonii Merxm.
Perennial. Shrub or suffrutex. Ht 0.45–0.9 m. Alt 0–1200 m. WC

integrifolia Less.
Perennial. Suffrutex. Ht up to 0.3 m. Alt 1219–1615 m. WC

integrifolia L.f. = **Dichrocephala integrifolia** subsp. **integrifolia**

montana Compton
Perennial. Suffrutex. Ht up to 0.5 m. Alt 610–1280 m. WC

pilosa (P.J.Bergius) Druce
H. gracilis Less. (2, 4)
Tanacetum pilosum P.J.Bergius (1, 2, 4)
Perennial. Suffrutex or herb. Ht 0.1–1 m. Alt 20–1645 m. WC, EC

trilobata Hutch.
Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 400–500 m. WC

HIRPICIUM Cass. 9435000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 333–363.

(2) Hilliard. 1977. *Compositae in Natal*: 545–547.
(3) Pope. 1992. *FZ* 6,1: 246–252.
(4) Retief & Herman. 1997. *Strelitzia* 6: 322.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 336.

alienatum (Thunb.) Druce
H. echinulatum Cass. (1)
Oedera alienata Thunb. (1)
Perennial. Dwarf shrub. Ht 1–1.5 m. Alt 100–1372 m. N, NC, WC

armerioides (DC.) Roessler
Gazania armerioides DC. (1)
H. armerioides (DC.) Roessler subsp. *rudatisii* Roessler (2)
Perennial. Herb. Ht 0.04–0.3 m. Alt 245–3475 m. M, FS, KZN, L, EC

armerioides (DC.) Roessler subsp. *rudatisii* Roessler = **H. armerioides**

bechuanense (S.Moore) Roessler
Berkheyopsis bechuanensis S.Moore (1)
Berkheyopsis brevisquama Mattf. (1)
Berkheyopsis rehmannii Thell. (1)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 248–1400 m. B, LIM, NW, G, M

echinulatum Cass. = **H. alienatum**

echinus Less.
Berkheyopsis echinus (Less.) O.Hoffm. (1)
Berkheyopsis kuntzei O.Hoffm. (1)
Gazania burchellii DC. (1)
Perennial. Herb. Ht 0.05–0.4 m. Alt 400–1380 m. N, FS, NC

gazanioides (Harv.) Roessler
Berkheya gazanioides Harv. (1)
Berkheyopsis pechuelii (Kuntze) O.Hoffm. (1)
Annual. Herb. Ht 0.15–0.4 m. Alt 320–1450 m. N, B, NC

gorterioides (Oliv. & Hiern) Roessler subsp. **gorterioides**
Berkheya gorterioides Oliv. & Hiern (1)
Berkheyopsis angolensis O.Hoffm. (1)
Berkheyopsis gorterioides (Oliv. & Hiern) Thell. (1)
Berkheyopsis gossweileri S.Moore (1)
Berkheyopsis langii Bremek. & Oberm. (1)
Annual. Herb. Ht 0.05–0.45 m. Alt 940–1450 m. N, B

gorterioides (Oliv. & Hiern) Roessler subsp. **schinzii** (O.Hoffm.) Roessler
Berkheyopsis schinzii O.Hoffm. (1)
Annual. Herb. Ht 0.2–0.3 m. Alt 1090–1500 m. N

integrifolium (Thunb.) Less.
Gazania integrifolia (Thunb.) Spreng. (1)
Gorteria integrifolia Thunb. (1)
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 215–565 m. WC

linearifolium (Bolus) Roessler
Berkheyopsis linearifolia (Bolus) Burtt Davy (1)
Gazania linearifolia Bolus (1)
Perennial. Herb. Ht 0.1–0.2 m. Alt 1500–2340 m. M, S

HOLOPHYLLUM Less. 9326040

capitatum (L.) Less. = **Athanasia capitata**

capitatum (L.) Less. var. *glabratum* DC. = **Athanasia capitata**

lanuginosum (Cav.) DC. = **Athanasia capitata**

scabrum DC. = **Athanasia capitata**

HOMOCHAETE Benth. 9053010

conferta Benth. = **Macowania conferta**

dinteriana Muschl. ex Dinter = **Antiphiona pinnatisecta**

HOMOCHROMA DC. 8839000

ecklonis DC. = **Zyrphelis ecklonis**

HOPLOPHYLLUM DC. 8749000

Compiled by N. Netnou

(1) Harvey. 1865. *FC* 3: 53, 54.
(2) Karis. 1992. *Taxon* 41: 193–198.

ferox Sond.
Perennial. Shrub. Ht up to 1 m. Alt up to 400 m. WC

spinosum DC.
Perennial. Shrub. Ht 0.5–1.7 m. Alt 60–450 m. WC

HUMEA Sm. 9019010

infausta (J.M.Wood & M.S.Evans) S.Moore = **Helichrysum infaustum**

HYDROIDEA P.O.Karis 9043020

Compiled by M. Koekemoer

(1) Karis. 1990. *Botanical Journal of the Linnean Society* 102: 23–36.

elsiae (Hilliard) P.O.Karis
Atrichantha elsiae Hilliard (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 700–1200 m. WC

HYMENOLEPIS Cass. 9327000

Compiled by P.P.J. Herman

(1) Bremer & Källersjö. 1985. *Nordic Journal of Botany* 5: 517–520.
(2) Källersjö. 1985. *Nordic Journal of Botany* 5: 534.

cynopus K.Bremer & Källersjö
Perennial. Shrub. Ht 0.5–5 m. Alt 980–1460 m. WC

dentata (DC.) Källersjö
Athanasia schizolepis Harv. (1, 2)
Oligodora dentata DC. (1, 2)
Perennial. Shrub. Ht 0.91–1.5 m. Alt 915–2075 m. WC

dregeana DC. = **Inulanthera dregeana**

gnidioides (S.Moore) Källersjö
Phaeocephalus gnidioides S.Moore (1, 2)
Perennial. Shrub. Ht 0.5–3 m. Alt 575–1525 m. WC

incisa DC.
Athanasia incisa (DC.) Harv. (1, 2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 425–3500 m. WC

indivisa (Harv.) Källersjö
Athanasia indivisa Harv. (1, 2)
Perennial. Shrub. Ht up to 1.3 m. Alt 305–850 m. EC

leptocephala Cass. = **H. parviflora**

leucoclada DC. = **Inulanthera leucoclada**

parviflora (L.) DC.
Athanasia parviflora L. (1, 2)
H. leptocephala Cass. (1)
Perennial. Shrub. Ht 0.5–5 m. Alt 10–1000 m. NC, WC

punctata DC. = **Inulanthera dregeana**

speciosa (Hutch.) Källersjö
Athanasia speciosa Hutch. (1, 2)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 762–1830 m. WC

HYOSERIS L. 9563000

tenella Thunb. = **Hypochaeris glabra**

HYPERICOPHYLLUM Steetz 9262000

Compiled by N. Netnou

(1) Pope. 1975. *Kirkia* 10,1: 108–110.

elatum (O.Hoffm.) N.E.Br.
Jaumea elata O.Hoffm. (1)
Annual. Herb. Ht up to 1 m. Alt 580–765 m. LIM

*HYPOCHAERIS L. 9572000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 599–603.
(2) Pope. 1992. *FZ* 6,1: 192–194.
(3) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 73–75.

brasiliensis (Less.) Griseb.
Porcellites brasiliensis Less. (1)
Perennial. Herb. Ht up to 1 m. Alt 400–1750 m. G, FS, KZN, WC, EC

brasiliensis (Less.) Griseb. var. *albiflora* Kuntze = **H. microcephala** var. **albiflora**

capensis Less. = **H. glabra**

glabra L.
Hyoseris tenella Thunb. (1)
H. capensis Less. (1)
Annual. Herb. Ht 0.2–0.5 m. Alt 50–1800 m. KZN, L, WC, EC

microcephala (Sch.Bip.) Cabrera var. **albiflora** (Kuntze) Cabrera
H. brasiliensis (Less.) Griseb. var. *albiflora* Kuntze (1)
Perennial. Herb. Ht 0.2–0.5 m. Alt 600–1700 m. G, FS, KZN, EC

radicata L.
Perennial. Herb. Ht up to 0.6 m. Alt 50–2200 m. LIM, G, M, S, FS, KZN, L, WC, EC

IFLOGA Cass. 8967000

Compiled by P.P.J. Herman

(1) Hilliard. 1981. *Botanical Journal of the Linnean Society* 82: 293–303.

ambigua (L.) Druce = **Trichogyne ambigua**

ambigua Thell. = **I. thellungiana**

anomala Hilliard
Annual. Herb. Ht 0.02–0.15 m. Alt 10–800 m. WC

aristulata Thell. = **I. glomerata**

candida Hilliard = **Trichogyne candida**

decumbens (Thunb.) Schltr. = **Trichogyne decumbens**

disticha (L.f.) Druce = **Trichogyne ambigua**

glomerata (Harv.) Schltr.
I. aristulata Thell. (1)
Trichogyne glomerata Harv. (1)
Annual. Herb. Ht 0.03–0.2 m. Alt 200–1600 m. N, NW, FS, L, NC, WC, EC

laricifolia (Lam.) Schltr. = **Trichogyne ambigua**

molluginoides (DC.) Hilliard
Comptonanthus molluginoides (DC.) B.Nord. (1)
Helichrysum scleranthoides S.Moore (1)
Lasiopogon micropoides DC. var. β Harv. (1)
Lasiopogon molluginoides DC. (1)
Annual. Herb. Length 0.02–0.25 m. Alt 40–1500 m. N, NC, WC

paronychioides (DC.) Fenzl = **Trichogyne paronychioides**

pilulifera Schltr. = **Trichogyne pilulifera**

polycnemoides Fenzl = **Trichogyne polycnemoides**

reflexa (L.f.) Schltr. = **Trichogyne repens**

repens (L.) Hilliard & B.L.Burtt = **Trichogyne repens**

seriphioides Schltr., illegitimate name = **Trichogyne ambigua**

thellungiana Hilliard & B.L.Burtt
I. ambigua Thell. (1)
Annual. Herb. Ht 0.01–0.02 m. Alt 200–1000 m. WC

verticillata (L.f.) Fenzl = **Trichogyne verticillata**

woodii (N.E.Br.) B.L.Burtt = **Trichogyne decumbens**

INEZIA E.Phillips 9337010

Compiled by P.P.J. Herman

(1) Phillips. 1932. *Kew Bulletin* 1932: 297, 298.
(2) Brusse. 1989. *Bothalia* 19: 27–29.

integrifolia (Klatt) E.Phillips
Lidbeckia integrifolia Klatt (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 650–2000 m. M, S

speciosa Brusse
Perennial. Herb. Ht up to 0.45 m. Alt 1500–1700 m. LIM

INULA L. 9061000

Compiled by P.P.J. Herman

(1) Desfontaines. 1799. *Flora atlantica* 2: 275.
(2) Oliver & Hiern. 1877. *FTA* 3: 357–359.
(3) Burtt Davy. 1935. *Kew Bulletin* 1935: 570.
(4) Wild. 1980. *Kirkia* 12: 38–45.

aromatica L. = **Printzia aromatica**

capensis Spreng. = **Pulicaria scabra**

cernua P.J.Bergius = **Printzia polifolia**

foetida L. = **Nidorella foetida**

glomerata Oliv. & Hiern
Perennial. Herb, occ. climber. Ht 0.76–2 m. Alt 780–1600 m. LIM, M

graveolens (L.) Desf. = **Dittrichia graveolens**

indica L. = **Pentanema indicum**

lanceolata (Harv.) O.Hoffm. ex Burtt Davy & Pott-Leendertz = **Pegolettia lanceolata**

paniculata (Klatt) Burtt Davy
Monactinocephalus paniculatus Klatt (3, 4)
Perennial. Herb. Ht up to 2 m. Alt 1097–1500 m. LIM, M

petrosa Klatt ex Range = **Pentatrichia petrosa**

pinifolia L. = **Senecio pinifolius**

rehmii Merxm. = **Pentatrichia rehmii**

INULANTHERA Källersjö 9326010

Compiled by P.P.J. Herman

(1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1699.
(2) Hilliard. 1977. *Compositae in Natal*: 333–342.
(3) Källersjö. 1985. *Nordic Journal of Botany* 5: 539, 540.

calva (Hutch.) Källersjö
Athanasia calva Hutch. (3)
Perennial. Shrub. Ht 0.35–1.5 m. Alt 600–2000 m. LIM, M, S, FS, KZN

coronopifolia (Harv.) Källersjö
Athanasia coronopifolia Harv. (3)

Perennial. Herb. Ht up to 0.75 m. Alt 1675–1800 m. KZN

dregeana (DC.) Källersjö
Athanasia dregeana (DC.) Harv. (3)
Athanasia punctata (DC.) Harv. (3)
Hymenolepis dregeana DC. (3)
Hymenolepis punctata DC. (1, 2, 3)
Perennial. Shrub. Ht 0.3–2 m. Alt 90–2315 m. FS, KZN, EC

leucoclada (DC.) Källersjö
Athanasia leucoclada (DC.) Harv. (3)
Hymenolepis leucoclada DC. (3)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 5–1830 m. KZN, EC

montana (J.M.Wood) Källersjö
Athanasia montana J.M.Wood (3)
Perennial. Shrub. Ht up to 0.6 m. Alt 1500–2285 m. KZN

thodei (Bolus) Källersjö
Athanasia thodei Bolus (3)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 2350–3170 m. KZN, L, EC

tridens (Oliv.) Källersjö
Athanasia tridens Oliv. (3)
Perennial. Herb. Ht up to 0.25 m. Alt 1525–2435 m. KZN, EC

IOCASTE E.Mey. 9336020

acicularis E.Mey. ex Harv. = **Phymaspermum aciculare**

IPHIONA Cass. 9065000

acuminata (DC.) Benth. ex B.D.Jacks. = **Pegolettia retrofracta**

baccaridifolia (Less.) Benth. & Hook.f. ex Dinter = **Pegolettia baccaridifolia**

dentata (Bolus) Bolus = **Anisothrix kuntzei**

fragrans Merxm. = **Antiphiona fragrans**

integra Compton = **Anisothrix integra**

pinnatisecta S.Moore = **Antiphiona pinnatisecta**

retrofracta (Thunb.) Druce = **Pegolettia retrofracta**

JACOBAEA Adans. 9411070

angustifolia Thunb. = **Senecio angustifolius**

mucronata Thunb. = **Senecio mucronatus**

nivea Thunb. = **Senecio niveus**

persicifolia Thunb. = **Senecio persicifolius**

vestita Thunb. = **Senecio vestitus**

JACOBAEASTRUM Kuntze 9417010

abrotanifolium (L.) Kuntze = **Euryops abrotanifolius**

algoense (DC.) Kuntze = **Euryops algoensis**

asparagoides (Licht. ex Less.) Kuntze = **Euryops asparagoides**

athanasiae (L.f.) Kuntze = **Euryops speciosissimus**

calvescens (DC.) Kuntze = **Euryops calvescens**

candollei (Harv.) Kuntze = **Euryops candollei**

diversifolium (Harv.) Kuntze = **Euryops abrotanifolius**

dregeanum (Sch.Bip.) Kuntze = **Euryops dregeanus**

empetrifolium (DC.) Kuntze = **Euryops empetrifolius**

lateriflorum (L.f.) Kuntze = **Euryops lateriflorus**

lineare (Harv.) Kuntze = **Euryops linearis**

linifolium (L.) Kuntze = **Euryops linifolius**

longipes (DC.) Kuntze = **Euryops longipes** var. **longipes**

oligoglossum (DC.) Kuntze = **Euryops oligoglossus** subsp. **oligoglossus**

pectinatum (L.) Kuntze = **Euryops pectinatus**

punctatum (DC.) Kuntze = **Euryops subcarnosus** subsp. **subcarnosus**

serra (DC.) Kuntze = **Euryops serra**

spathaceum (DC.) Kuntze = **Euryops spathaceus**

subcarnosum (DC.) Kuntze = **Euryops subcarnosus** subsp. **subcarnosus**

subsessile (Sch.Bip.) Kuntze = **Euryops lateriflorus**

sulcatum (Thunb.) Kuntze = **Euryops sulcatus**

tenuissimum (L.) Kuntze = **Euryops tenuissimus**

trifidum (L.f.) Kuntze = **Euryops trifidus**

trifurcatum (L.f.) Kuntze = **Euryops tenuissimus** subsp. **trifurcatus**

trilobum (Harv.) Kuntze = **Euryops trilobus**

virgineum (L.f.) Kuntze = **Euryops virgineus**

JACQUEMONTIA Bél. 9421020

ericifolia Bél. = **Euryops ericifolius**

JAUMEA Pers. 9262010

elata O.Hoffm. = **Hypericophyllum elatum**

KAULFUSSIA Nees 8881010

amelloides Nees = **Felicia heterophylla**

ciliata Spreng. = **Felicia tenella** subsp. **longifolia**

strigosa Spreng.f. = **Felicia ovata**

KENTROPHYLLUM Neck. 9477010

lanatum (L.) DC. = **Carthamus lanatus**

KLEINIA Mill. 9411050

Compiled by P.P.J. Herman

(1) Candolle. 1838. *Prodromus* 6: 336, 337.
(2) Hooker. 1866. *Curtis's Botanical Magazine* 92: t. 5590.
(3) Hooker. 1892. *Journal of Horticultural and Practical Gardening* ser. 3: 3.
(4) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 28.
(5) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 179.
(6) Stapf. 1925. *Curtis's Botanical Magazine* 150: t. 9030.
(7) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 332.
(8) Henderson. 1963. *The Flowering Plants of Africa* 36: t. 1414.
(9) Jeffrey. 1986. *Kew Bulletin* 41: 923–929, 935, 936.
(10) Halliday. 1988. *Hooker's Icones Plantarum* 39: 1–135.
(11) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
(12) Herman & Condy. 2001. *Flowering Plants of Africa* 57: 92–95, t. 2177.
(13) Smith *et al.* 2001. *Flowering Plants of Africa* 57: 96–102, t. 2178.

acaulis (L.f.) DC. = **Senecio acaulis**

aizoides DC. = **Senecio aizoides**

archeri Compton = **Senecio toxotis**

articulata (L.) Haw. = **Senecio articulatus**

breviscapa DC. = **Senecio cicatricosus**

cephalophora Compton
Senecio cephalophorus (Compton) H.Jacobsen (9)
Perennial. Suffrutex, succulent. Ht 0.15–0.6 m. Alt ± 610 m. N, NC

crassulaefolia DC. = **Senecio crassulaefolius**

ficoides (L.) Haw. = **Senecio ficoides**

fulgens Hook.f.
Notonia fulgens (Hook.f.) Guillaumin (10)
Notonia welwitschii (O.Hoffm.) Hiern (10)
Notoniopsis fulgens (Hook.f.) B.Nord. (10)
Senecio fulgens (Hook.f.) G.Nicholson (9, 10)
Senecio hookerianus H.Jacobsen (10)
Senecio welwitschii O.Hoffm. (10)
Perennial. Suffrutex, succulent. Ht 0.6–0.9 m. Alt 45–1220 m. LIM, G, M, S, KZN

galpinii Hook.f.
Notoniopsis galpinii (Hook.f.) B.Nord. (10, 12)
Senecio galpinii (Hook.f.) H.Jacobsen (12)
Senecio galpinii (Hook.f.) Hook.f. (10, 12)
Perennial. Suffrutex, succulent. Ht 0.6–1 m. Alt 600–1525 m. LIM, M, S, KZN

haworthii (Sweet) DC. = **Senecio haworthii**

longiflora DC.
Senecio longiflorus (DC.) Sch.Bip. (9, 13)
Perennial. Shrub, succulent. Ht 0.22–2 m. Alt 250–1880 m. N, B, LIM, NW, G, M, S, FS, NC, WC, EC

ovoidea Compton = **Senecio ovoideus**

pinguifolia DC. = **Senecio pinguifolius**

pusilla (Dinter) Merxm. = **Senecio sulcicalyx**

radicans (L.f.) Haw. = **Senecio radicans**

repens L. = **Senecio serpens**

stapeliiformis (E.Phillips) Stapf
Senecio stapeliiformis E.Phillips (9, 10)
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 460–1465 m. LIM, G, M

KLENZEA Sch.Bip. 9056010

lycopodioides Sch.Bip. = **Dolichothrix ericoides**

LACHNOSPERMUM Willd. 9045000

Compiled by M. Koekemoer

(1) Baillon. 1888. *The Natural History of Plants* 8: 1–316.
(2) Hilliard & Burtt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.
(3) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

ericifolium Willd. = **L. fasciculatum**

fasciculatum (Thunb.) Baillon
L. ericifolium Willd. (3)
L. neglectum Schltr. (3)
Staehelina fasciculata Thunb. (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 0–900 m. WC

imbricatum (P.J.Bergius) Hilliard
Metalasia imbricata (P.J.Bergius) Harv. (2)
Metalasia uniflora D.Don (2)
Metalasia virgata Compton (2)
Staehelina imbricata P.J.Bergius (2)
Perennial. Shrub. Ht 0.5–0.8 m. Alt 0–100 m. WC

neglectum Schltr. = **L. fasciculatum**

umbellatum (L.f.) Pillans
Gnaphalium umbellatum L.f. (2)
Metalasia umbellata (L.f.) D.Don (2)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 300–800 m. WC

LACTUCA L. 9596000

Compiled by P.P.J. Herman

(1) Forsskål. 1775. *Flora aegyptiaco-arabica* 5: 144.
(2) Jeffrey. 1966. *Kew Bulletin* 18: 436–457.
(3) Merxmüller. 1967. *FSWA* 140: 1, 2.
(4) Hilliard. 1977. *Compositae in Natal*: 629–633.
(5) Pope. 1992. *FZ* 6,1: 196–209.

capensis Thunb. = **L. inermis**

dregeana DC.
Perennial. Herb. Ht 0.4–1.2 m. Alt 1400–1700 m. FS, NC

***indica** L.
Annual or biennial. Herb. Ht up to 4 m. Alt 0–1200 m. KZN

inermis Forssk.
L. capensis Thunb. (5)
L. pallidocoerulea Dinter (5)
Perennial. Herb. Ht up to 1 m. Alt 100–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

intybacea Jacq. = **Launaea intybacea**

nana Baker = **Launaea nana**

pallidocoerulea Dinter = **L. inermis**

scariola L. = **L. serriola**

***serriola** L.
L. scariola L. (4)
L. virosa of author, not of L., concept invalid (4)
Biennial or perennial. Herb. Ht up to 2 m. Alt 15–1800 m. B, LIM, NW, G, FS, KZN, L, NC, WC, EC

tysonii (E.Phillips) C.Jeffrey
Sonchus scapiforme Thell. (4)
Sonchus tysonii E.Phillips (4)
Perennial. Herb. Ht up to 0.5 m. Alt 300–2500 m. KZN, EC

virosa of author, not of L., concept invalid = **L. serriola**

LAEVICARPA (Koekemoer) Koekemoer 9039020

Compiled by M. Koekemoer

(1) Koekemoer. 1993. *Bothalia* 23: 197–206.
(2) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

Note: *Disparago* section *Laevicarpa* Koekemoer (1)

kolbei (Bolus) Koekemoer
Amphiglossa kolbei Bolus (2)
Disparago kolbei (Bolus) Hutch. (2)
Disparago rosea Hutch. (1)
Perennial. Shrub. Ht 0.1–0.7 m. Alt 1200–1900 m. WC, EC

LAGGERA Benth. 8940000

Compiled by P.P.J. Herman

(1) Wild. 1968–69. *Kirkia* 7: 129, 130.
(2) Hilliard. 1977. *Compositae in Natal*: 114–116.
(3) Anderberg. 1991. *Plant Systematics and Evolution* 176: 161.
(4) Beentje. 2002. *FTEA* Compositae (Part 2): 352–356.

alata of authors, not (D.Don) Sch.Bip. ex Oliv. = **L. crispata**

aurita (L.f.) Sch.Bip. ex C.B.Clarke = **Pseudoconyza viscosa**

crispata (Vahl) Hepper & J.R.I.Wood
Blumea alata of authors, not of (D.Don) DC. (1, 2, 4)
Blumea crispata (Vahl) Merxm. (3, 4)
Blumea pterodonta DC. (1, 2, 3, 4)
Erigeron alatum D.Don (1, 2, 3)
L. alata of authors, not of (D.Don) Sch.Bip. ex Oliv. (1, 3, 4)
L. pterodonta (DC.) Sch.Bip. ex Oliv. (2, 3, 4)
Annual. Herb. Ht 0.3–2 m. Alt 230–1675 m. N, B, LIM, NW, G, M, S, KZN, EC

decurrens (Vahl) Hepper & J.R.I.Wood
Blumea decurrens (Vahl) Merxm. (3)
Blumea gariepina DC. (3)
L. gariepina (DC.) Randeria, illegitimate name (1)
Perennial. Herb. Ht 0.25–2 m. Alt 3–1830 m. N, B, LIM, NW, G, M, KZN, NC

dinteri Thell. ex Merxm. = **Nicolasia nitens** var. **nitens**

gariepina (DC.) Randeria, illegitimate name = **L. decurrens**

humilis O.Hoffm. = **Nicolasia felicioides**

lyrata (Humb., Bonpl. & Kunth) Leins = **Pseudoconyza viscosa**

makarikariensis Bremek. & Oberm. = **Nicolasia stenoptera** subsp. **makarikariensis**

pterodonta (DC.) Sch.Bip. ex Oliv. = **L. crispata**

stenoptera O.Hoffm. = **Nicolasia stenoptera** subsp. **stenoptera**

LAMPROCEPHALUS B.Nord. 9411080

Compiled by P.P.J. Herman

(1) Nordenstam. 1975. *Botaniska Notiser* 128: 323–326.

montanus B.Nord.
Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 1200–2100 m. WC

LANCISIA Lam. 9337020

bipinnata (Thunb.) Pers. = **Lasiospermum bipinnatum**

lobata (Thunb.) Pers. = **Lidbeckia quinqueloba**

pectinata (P.J.Bergius) Pers. = **Lidbeckia pectinata**

LANDTIA Less. 9432040

hirsuta Less. = **Haplocarpha nervosa**

nervosa (Thunb.) Less. = **Haplocarpha nervosa**

LANGEBERGIA Anderb. 8995010

Compiled by P.P.J. Herman

(1) Anderberg. 1991. *Opera Botanica* 104: 93, 94.

canescens (DC.) Anderb.
Anaxeton canescens (DC.) Benth. & Hook. ex B.D.Jacks. (1)
Petalacte canescens DC. (1)
Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1550 m. WC

LANIPILA Burch. 9321030

Lanipila (*sic*) Burch. = **Lasiospermum poterioides**

***LAPSANA** L. 9555000

Compiled by P.P.J. Herman

(1) Sell. 1976. *Flora europaea* 4: 344.

capillaris L. = **Crepis capillaris**

communis L. (insufficiently known)

LASIOCOMA Bolus 9417020

petrophiloides (DC.) Bolus = **Euryops multifidus**

petrophiloides of author, not of (DC.) Bolus, also not Compton = **Euryops cuneatus**

LASIOPOGON Cass. 8987000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 5–12.
(2) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

brachypterus O.Hoffm. ex Zahlbr.
Comptonanthus brachypterus (O.Hoffm. ex Zahlbr.) B.Nord. (1)
Annual. Herb. Ht 0.01–0.05 m. Alt 305–2500 m. NC, WC

debilis (Thunb.) Hilliard
Comptonanthus subcarnosus B.Nord. (1)
Gnaphalium debile Thunb. (1)
Annual. Herb, succulent. Length ± 0.15 m. Alt 500–2000 m. WC

glomerulatus (Harv.) Hilliard
Gnaphalium araneosum S.Moore (1)
Gnaphalium glomerulatum Harv. (1)
Annual. Herb, prostrate. Length 0.01–0.08 m. Alt 61–1005 m. N, NW, FS, NC, WC, EC

micropoides DC.
Annual. Herb, prostrate or decumbent. Length up to 0.15 m. Alt 230–1065 m. N, NC

micropoides DC. var. β Harv. = **Ifloga molluginoides**

minutus (B.Nord.) Hilliard & B.L.Burtt
Gnaphalium minutum B.Nord. (1)
Annual. Herb. Ht 0.015–0.04 m. Alt? WC

molluginoides DC. = **Ifloga molluginoides**

muscoides (Desf.) DC.
Gnaphalium muscoides Desf. (1)
Annual. Herb, prostrate or decumbent. Length 0.01–0.15 m. Alt 610–1585 m. N, FS, NC, WC, EC

ponticulus Hilliard
Annual. Herb, prostrate or decumbent. Length 0.01–0.08 m. Alt 100–1500 m. N, NC

volkii (B.Nord.) Hilliard
Gnaphalium volkii B.Nord. (1)
Annual. Herb, prostrate. Length 0.03–0.1 m. Alt 100–1500 m. N

LASIOPUS Cass. 9528030

ambiguus Cass. = **Gerbera ambigua**

LASIOSPERMUM Lag. 9321000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 153, 154.
(2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 631.
(3) Hutchinson. 1946. *A botanist in southern Africa*: 140.
(4) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 94.
(5) Müller *et al.* 2001. *FSA* 33,4,1: 64–73.

bipinnatum (Thunb.) Druce
Lancisia bipinnata (Thunb.) Pers. (5)
Lidbeckia bipinnata Thunb. (5)
Mataxa capensis Spreng. (5)
Matricaria bipinnata (Thunb.) Spreng. (5)
Perennial. Herb. Ht up to 0.6 m. Alt 120–2400 m. NW, G, FS, L, NC, WC, EC

brachyglossum DC.
Annual. Herb. Ht 0.1–0.4 m. Alt 120–2000 m. N, NC, WC

erectum (Lam.) Druce = **L. pedunculare**

eriospermum (Pers.) G.Don = **L. pedunculare**

pedunculare Lag.
Eriocarpha peduncularis Lag. ex DC. (5)
Eriosphaera multifida F.Dietr. (5)
L. erectum (Lam.) Druce (5)
L. eriospermum (Pers.) G.Don (5)
Santolina alpina Bertol. (5)
Santolina erecta Lam. (1, 5)
Santolina eriosperma Pers. (1, 5)
?*Santolina pinnata* Donn (5)
Perennial. Herb. Ht 0.15–0.2 m. Alt 300–1500 m. NC, WC

poterioides Hutch.
Lanipila (*sic*) Burch. (5)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2500 m. NC

LAUNAEA Cass. 9593000

Compiled by P.P.J. Herman

(1) Jeffrey. 1966. *Kew Bulletin* 18: 463–477.
(2) Merxmüller. 1967. *FSWA* 140: 2, 3.
(3) Hilliard. 1977. *Compositae in Natal*: 619–621.
(4) Pope. 1992. *FZ* 6,1: 214–221.
(5) Kilian. 1997. *Englera* 17: 1–478.
(6) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 98–108.

bellidifolia Cass. = **L. sarmentosa**

goreensis (Lam.) O.Hoffm. = **L. intybacea**

intybacea (Jacq.) P.Beauv.
Lactuca intybacea Jacq. (1, 5)
L. goreensis (Lam.) O.Hoffm. (1, 4, 5, 6)
Sonchus goreensis Lam. (2, 4, 5, 6)
Annual or biennial. Herb. Ht 0.3–2 m. Alt 300–1500 m. N, B, LIM

nana (Baker) Chiov.
Lactuca nana Baker (1, 5)
Perennial. Herb. Ht up to 0.05 m. Alt 500–800 m. LIM, M, KZN

rarifolia (Oliv. & Hiern) Boulos
Sonchus lanifer Dinter (2, 5, 6)
Sonchus rarifolius Oliv. & Hiern (1, 5)
Perennial. Herb. Ht 0.1–0.9 m. Alt 700–1900 m. N, B, NW, G, M, S, KZN, EC

sarmentosa (Willd.) Sch.Bip. ex Kuntze
L. bellidifolia Cass. (1, 5)
Microrhynchus dregeanus DC. (1, 5)
Prenanthes sarmentosa Willd. (1, 5)
Perennial. Herb. Length up to 1 m. Alt 0–10 m. KZN, EC

LEONTODON L. 9574000

bessarabicus Hornem. = **Taraxacum bessarabicum**

serotinus Waldst. & Kit. = **Taraxacum serotinum**

LEONTONYX Cass. 9008000

angustifolius DC. = **Helichrysum litorale**

bicolor DC. = **Helichrysum tinctum**

coloratus Cass. = **Helichrysum tinctum**

glomeratus (L.) DC. = **Helichrysum tinctum**

pumilio O.Hoffm. = **Helichrysum pumilio** subsp. **pumilio**

ramosissimum O.Hoffm. = **Helichrysum lucilioides**

spathulatus Less. = **Helichrysum litorale**

squarrosus DC. = **Helichrysum spiralepis**

tomentosus Cass. = **Helichrysum spiralepis**

LEPIDOSTEPHIUM Oliv. 9340000

Compiled by P.P.J. Herman

(1) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 102–107, 197–205.

asteroides (Bolus & Schltr.) Kroner
Athrixia asteroides Bolus & Schltr. (1)
Printzia asteroides Schltr. ex Bews (1)
Perennial. Herb. Ht 0.45–0.6 m. Alt 1100–1950 m. KZN, EC

denticulatum Oliv.
Perennial. Herb. Ht 0.4–0.55 m. Alt 900–1800 m. EC

LEPISIPHON Turcz. 9427030

dentatus Turcz. = **Chrysanthemoides monilifera** subsp. **monilifera**

LEPTOTHAMNUS DC. 8929010

ciliaris DC. = **Nolletia ciliaris**

rarifolius Turcz. = **Nolletia rarifolia**

LEUCANTHEMUM Kuntze 9098010

asteriscoides (L.) Kuntze = **Osmitopsis asteriscoides**

*LEUCANTHEMUM Mill. 9341080

Compiled by P.P.J. Herman

(1) Heywood. 1976. *Flora europaea* 4: 174–177.
(2) Hilliard. 1977. *Compositae in Natal*: 349, 350.
(3) Soreng & Cope. 1991. *Baileya* 23: 145–165.
(4) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 141.

vulgare Lam.
Chrysanthemum leucanthemum L. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 1050–2500 m. M, KZN, EC

LEUCOPTERA B.Nord. 9341020

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 140–147.

nodosa (Thunb.) B.Nord.
Arctotis nodosa Thunb. (1)
Chrysanthemum leptophyllum DC. (1)
Chrysanthemum nodosum (Thunb.) DC. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 0–1500 m. NC, WC

oppositifolia B.Nord.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 0–500 m. WC

subcarnosa B.Nord.
Chrysanthemum leptophyllum DC. var. *indivisum* DC. (1)
Perennial. Dwarf shrub. Length up to 0.5 m. Alt 0–500 m. WC

LEYSERA L. 9052000

Compiled by M. Koekemoer

(1) Bremer. 1978. *Botaniska Notiser* 131: 369–383.

gnaphalodes (L.) L.

Asteropterus dinteri Rothm. (1)
Asteropterus gnaphalodes (L.) Rothm. (1)
Asteropterus gracilis Rothm. (1)
Asteropterus incanus (Thunb.) Rothm. (1)
Callisia gnaphalodes L. (1)
L. incana Thunb. (1)
L. tenuifolia Salisb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.02–0.5 m. Alt 30–1900 m. N, NC, WC, EC

incana Thunb. = **L. gnaphalodes**

longipes K.Bremer = **Comborhiza longipes**

montana Bolus = **Oreoleysera montana**

ovata Thunb. = **Felicia ovata**

picta Thunb. = **Dicoma picta**

polifolia (L.) Thunb. = **Printzia polifolia**

tenella DC.
Asteropterus tenellus (DC.) Rothm. (1)
Annual, occ. perennial. Herb. Ht 0.01–0.45 m. Alt 300–1500 m. N, FS, NC, WC, EC

tenuifolia Salisb. = **L. gnaphalodes**

tridactyla E.Mey. ex DC. = **Amellus tridactylus** subsp. **tridactylus**

LIDBECKIA P.J.Bergius 9337000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 154, 155.
(2) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 146.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

bipinnata Thunb. = **Lasiospermum bipinnatum**

capensis J.F.Gmel. = **L. pectinata**

integrifolia Klatt = **Inezia integrifolia**

lobata Thunb. = **L. quinqueloba**

pectinata P.J.Bergius
Lancisia pectinata (P.J.Bergius) Pers. (1)
L. capensis J.F.Gmel. (1)
Perennial. Suffrutex. Ht 0.5–1 m. Alt 400–1890 m. WC

quinqueloba (L.f.) Cass.
Cotula quinqueloba L.f. (1, 2)
Lancisia lobata (Thunb.) Pers. (1, 2)
L. lobata Thunb. (2)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt up to 1360 m. WC

LINZIA Walp. 8751030

glabra Steetz var. *glabra* = **Vernonia glabra** var. **glabra**

glabra Steetz var. *laxa* Steetz = **Vernonia glabra** var. **laxa**

LIPOTRICHE R.Br. 9204010

brownii of author, not of DC., concept invalid = **Melanthera scandens** subsp. **dregei**

LITOGYNE Harv. 8953010

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 119, 120.
(2) Wild. 1980. *Kirkia* 12: 35, 36.
(3) Anderberg. 1991. *Plant Systematics and Evolution* 176: 168.

gariepina (DC.) Anderb.
Epaltes alata (Sond.) Steetz (3)
Epaltes gariepina (DC.) Steetz (3)
Ethulia alata Sond. (2)
Ethulia gariepina DC. (3)
L. glabra Harv. (3)
Perennial. Herb or dwarf shrub. Ht up to 1 m. Alt 5–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

glabra Harv. = **L. gariepina**

LOPHOLAENA DC. 9401000

Compiled by P.P.J. Herman

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 346.
(2) Phillips & Smith. 1934. *Transactions of the Royal Society of South Africa* 21: 221–238.
(3) Merxmüller. 1967. *FSWA* 139: 110.
(4) Hilliard. 1977. *Compositae in Natal*: 365–367.
(5) Brusse. 1991. *Nordic Journal of Botany* 11: 79–83.

bainesii (Oliv. & Hiern) S.Moore = **L. coriifolia**

cneorifolia (DC.) S.Moore
Doria cneorifolia DC. (2, 3)
Hertia cneorifolia (DC.) Kuntze (2, 3)
Othonna avasimontana Dinter (3)
Othonna cneorifolia (DC.) Sch.Bip. (2, 3)
Senecio avasimontanus Dinter (3)
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 640–2400 m. N, NC

coriifolia (Sond.) E.Phillips & C.A.Sm.
L. bainesii (Oliv. & Hiern) S.Moore (2)
L. randii S.Moore (2)
Othonna coriifolia Sond. (2)
Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 765–1830 m. LIM, NW, G, M, S

disticha (N.E.Br.) S.Moore
Othonna disticha N.E.Br. (2, 4)
Perennial. Herb or shrub, succulent. Ht 0.2–1.5 m. Alt 335–2285 m. LIM, M, S, KZN

dregeana DC.
Perennial. Herb, succulent. Ht 0.4–1 m. Alt 500–1220 m. KZN, EC

festiva Brusse
Perennial. Shrub. Ht 1.35–1.55 m. Alt 1100–1600 m. LIM

longipes (Harv.) Thell.
Doria longipes Harv. (2)
Perennial. Shrub. Ht? Alt? NC?

platyphylla Benth.
Perennial. Shrub. Ht 0.6–2 m. Alt 395–1400 m. S, KZN

randii S.Moore = **L. coriifolia**

segmentata (Oliv.) S.Moore
Senecio segmentatus Oliv. (2, 4)
Perennial. Herb, succulent. Ht 0.6–1 m. Alt 450–2100 m. M, S, KZN

LYSICHLAMYS Compton 9417030

erecta Compton = **Euryops erectus**

muirii (C.A.Sm.) Compton = **Euryops muirii**

MACLEDIUM Cass. 9501010

Compiled by N. Netnou & P.P.J. Herman

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 88.
(2) Smith. 1927. *Bothalia* 2: 365.
(3) Hilliard. 1977. *Compositae in Natal*: 582–586.
(4) Pope. 1991. *Kew Bulletin* 46: 699–709.
(5) Pope. 1992. *FZ* 6,1: 29–44.
(6) Ortíz & Rodriguez-Oubiña. 1997. *Bothalia* 27: 48, 49.
(7) Ortíz. 2001. *Taxon* 50,3: 733–744.

burmanni Cass., illegitimate name = **M. spinosum**

kirkii (Harv.) S.Ortíz subsp. **kirkii**
Dicoma kirkii Harv. subsp. *kirkii* (7)
Perennial. Herb. Ht 0.18–1 m. Alt? B?

latifolium (DC.) S.Ortíz
Dicoma latifolia DC. (7)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 215–1046 m. WC

pretoriense (C.A.Sm.) S.Ortíz
Dicoma pretoriensis C.A.Sm. (7)
Perennial. Herb. Ht ± 0.1 m. Alt ± 1363 m. G

relhanioides (Less.) S.Ortíz
Dicoma relhanioides Less. (7)
Perennial. Dwarf shrub. Ht up to 1.5 m. Alt ± 600 m. WC

sessiliflorum (Harv.) S.Ortíz subsp. **sessiliflorum** var. **membranaceum** (S.Moore) S.Ortíz
Dicoma membranacea S.Moore (7)
Dicoma sessiliflora Harv. subsp. *sessiliflora* var. *membranacea* (S.Moore) S.Ortíz & Rodr.Oubiña (7)
Perennial. Herb. Ht ± 0.2 m. Alt? N

speciosum (DC.) S.Ortíz
Dicoma speciosa DC. (7)
Perennial. Herb. Ht up to 1 m. Alt 460–1100 m. KZN

spinosum (L.) S.Ortíz
Dicoma burmanii (Cass.) Less., illegitimate name (7)
Dicoma diacanthoides Less. (7)
Dicoma spinosa (L.) Druce (7)
Helichrysum spinosum (L.) Willd. (7)
M. burmanni Cass., illegitimate name (7)
Xeranthemum spinosum L. (7)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 15–1372 m. WC, EC

zeyheri (Sond.) S.Ortíz subsp. **argyrophyllum** (Oliv.) S.Ortíz
Dicoma argyrophylla Oliv. (7)
Dicoma zeyheri Sond. subsp. *argyrophylla* (Oliv.) G.V.Pope (7)
Perennial. Herb. Ht up to 0.5 m. Alt 40–1220 m. KZN, EC

zeyheri (Sond.) S.Ortíz subsp. **zeyheri**
Dicoma kirkii Harv. var. *microcephala* S.Moore (7)
Dicoma thyrsiflora (Klatt) Thell. & Schinz (7)
Dicoma zeyheri Sond. subsp. *zeyheri* (7)
Dicoma zeyheri Sond. var. *thyrsiflora* Klatt (7)
Perennial. Herb. Ht up to 0.4 m. Alt 505–2000 m. LIM, NW, G, M, KZN

MACOWANIA Oliv. 9053000

Compiled by P.P.J. Herman

(1) Hilliard & Burtt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 260–276.
(2) Hilliard. 1977. *Compositae in Natal*: 262–269.
(3) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230–232.
(4) Anderberg. 1991. *Opera Botanica* 104: 51.

conferta (Benth.) E.Phillips
Homochaete conferta Benth. (1, 2)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1500–1830 m. KZN, EC

corymbosa M.D.Hend.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 1525–2590 m. KZN

deflexa Hilliard & B.L.Burtt
Perennial. Shrub. Ht up to 0.75 m. Alt 2100–2200 m. KZN

glandulosa N.E.Br.
Perennial. Dwarf shrub. Ht up to 0.22 m. Alt 1830–2080 m. KZN

hamata Hilliard & B.L.Burtt
Perennial. Shrub. Ht up to 1 m. Alt 1800–2134 m. KZN

pinifolia (N.E.Br.) Kroner
Athrixia pinifolia N.E.Br. (4)
Perennial. Shrub. Ht up to 1 m. Alt 1300–3000 m. KZN, L

pulvinaris N.E.Br.
Perennial. Dwarf shrub. Ht 0.45–0.9 m. Alt 1220–2950 m. KZN, L, EC

revoluta Oliv.
Perennial. Shrub. Ht 1.21–1.5 m. Alt 650–1200 m. EC

sororis Compton
Perennial. Dwarf shrub. Ht 0.1–1.21 m. Alt 2133–3000 m. KZN, L

styphelioides (DC.) Kroner = **Arrowsmithia styphelioides**

tenuifolia M.D.Hend.
Perennial. Shrub. Ht 0.6–1 m. Alt up to 1980 m. LIM, G, M, KZN

MAIRIA Nees 8883000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 166.
(2) Nees von Esenbeck. 1832. *Genera et species Asterearum*: 247.
(3) Candolle. 1836. *Prodromus* 5: 217.
(4) Harvey. 1865. *FC* 3: 64–66.
(5) Bolus. 1897. *Hooker's Icones Plantarum* 6: t. 2541.
(6) Nesom. 1994. *Phytologia* 76: 90, 91.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

burchellii DC. = **Zyrphelis burchellii**

coriacea Bolus
Perennial. Herb. Ht up to 0.3 m. Alt up to 780 m. WC

corymbosa Harv. = **Gymnostephium papposum**

crenata (Thunb.) Nees
Arnica crenata Thunb. (4, 6)
Aster crenatus (Thunb.) Less. (4, 6)
Gerbera crenata (Thunb.) Ker Gawl. (6)
Zyrphelis crenata (Thunb.) Kuntze (6)
Perennial. Herb. Ht up to 0.1 m. Alt 365–1525 m. WC

decumbens Schltr. = **Zyrphelis decumbens**

ecklonis (DC.) Sond. = **Zyrphelis ecklonis**

felicioides Hutch. & Corbishley = **Felicia ovata**

foliosa Harv. = **Zyrphelis foliosa**

hirsuta DC.
Zyrphelis hirsuta (DC.) Kuntze (6)
Perennial. Herb. Ht up to 0.3 m. Alt 610–765 m. WC

lasiocarpa DC. = **Zyrphelis lasiocarpa**

microcephala (Less.) DC. = **Zyrphelis microcephala**

montana Schltr. = **Zyrphelis montana**

perezioides (Less.) Nees = **Zyrphelis perezioides**

taxifolia (L.) DC. = **Zyrphelis taxifolia**

*MANTISALCA Cass. 9476010

Compiled by E. Retief

(1) Dostál. 1976. *Flora europaea* 4: 254.

salmantica (L.) Briq. & Cavill.

Centaurea salmantica L. (1)
Microlonchus salmanticus (L.) DC. (1)
Annual. Herb. Ht 0.4–1 m. Alt 5–1000 m. WC, EC

MARASMODES DC. 9370000

Compiled by P.P.J. Herman

(1) Hutchinson. 1916. *Kew Bulletin* 1916: 171, 172.
(2) Compton. 1946. *Journal of South African Botany* 12: 87–89.
(3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 306.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

adenosolen Harv. = **Cymbopappus adenosolen**

duemmeri Bolus ex Hutch.
Perennial. Shrub. Ht 0.15–0.4 m. Alt ± 100 m. WC

oligocephala DC.
M. polycephala DC. var. *oligocephala* (DC.) Harv. (1)
Perennial. Shrub. Ht 0.3–0.4 m. Alt 75–1525 m. WC

polycephala DC.
Oligodorella teretifolia Turcz. (1)
Perennial. Shrub. Ht up to 0.3 m. Alt 18–1100 m. WC

polycephala DC. var. *oligocephala* (DC.) Harv. = **M. oligocephala**

undulata Compton
Perennial. Shrub. Ht up to 0.4 m. Alt 90–1340 m. WC

MATAXA Spreng. 9321010

capensis Spreng. = **Lasiospermum bipinnatum**

MATRICARIA L. 9339000

acutiloba (DC.) Harv. = **Myxopappus acutilobus**
africana P.J.Bergius = **Oncosiphon africanum**
albida (DC.) Fenzl ex Harv. = **Foveolina dichotoma**
albidiformis Thell. = **Foveolina albidiformis**
andreae E.Phillips = **Cotula andreae**
bipinnata (Thunb.) Spreng. = **Lasiospermum bipinnatum**
capensis L. = **Oncosiphon africanum**
dichotoma (DC.) Fenzl ex Harv. = **Foveolina dichotoma**
glabrata (Thunb.) DC. = **Oncosiphon glabratum**
globifera (Thunb.) Fenzl ex Harv. = **Oncosiphon piluliferum**
grandiflora (Thunb.) Fenzl ex Harv. = **Oncosiphon grandiflorum**
hirsutifolia S.Moore = **Foveolina dichotoma**
hirta (Thunb.) DC. = **Oncosiphon africanum**
multiflora Fenzl ex Harv. = **Oncosiphon suffruticosum**
nigellifolia DC. var. *nigellifolia* = **Cotula nigellifolia** var. **nigellifolia**
nigellifolia DC. var. *tenuior* DC. = **Cotula nigellifolia** var. **tenuior**
otaviensis Dinter = **Rennera eenii**
pilifera Thell. = **Cymbopappus piliferus**
pilulifera (L.f.) Druce = **Oncosiphon piluliferum**
pinnatifida Klatt = **Anisopappus pinnatifidus**
sabulosa Wolley-Dod = **Oncosiphon sabulosum**
schinziana Thell. = **Foveolina schinziana**
schlechteri Bolus ex Schltr. = **Oncosiphon schlechteri**
tenella DC. = **Foveolina tenella**
zuurbergensis Oliv. = **Hilliardia zuurbergensis**

*MELANTHERA Rohr 9204000

Compiled by N. Netnou

(1) Wild. 1966. *Kirkia* 5,1: 1–17.
(2) Wild. 1967. *Kirkia* 6,1: 48–54.

albinervia O.Hoffm. subsp. **albinervia**
Aspilia eylesii S.Moore (1)
M. gossweileri S.Moore (1)
Annual. Herb. Ht up to 1 m. Alt? N, B

biflora (L.) Wild
Verbesina biflora L. (1)
Wedelia biflora (L.) Wight (1)
Perennial. Climber or decumbent herb. Ht up to 1 m. Alt 1–5 m. KZN

gossweileri S.Moore = **M. albinervia** subsp. **albinervia**
madagascariensis Baker = **M. scandens** subsp. **madagascariensis**
marlothiana O.Hoffm. = **M. triternata**
rivicola Muschl. ex Dinter = **M. triternata**

scandens (Schumach. & Thonn.) Roberty subsp. **dregei** (DC.) Wild
Lipotriche brownii of author, not of DC., concept invalid (1)
Psathurochaeta dregei DC. (1)
Trigonotheca natalensis Sch.Bip. (1)
Annual. Herb. Ht up to 1 m. Alt 5–915 m. M, S, KZN, EC

scandens (Schumach. & Thonn.) Roberty subsp. **madagascariensis** (Baker) Wild
M. madagascariensis Baker (1)
Annual or perennial. Herb. Ht up to 1.3 m. Alt up to 940 m. N, B

schinziana S.Moore = **M. triternata**
seineri Muschl. ex Dinter = **M. triternata**

triternata (Klatt) Wild
M. marlothiana O.Hoffm. (1)
M. rivicola Muschl. ex Dinter (2)
M. schinziana S.Moore (2)
M. seineri Muschl. ex Dinter (2)
M. varians Hiern (1)
Wedelia triternata Klatt (1)
Annual. Herb. Ht up to 1 m. Alt 660–1525 m. N, B, LIM, M

varians Hiern = **M. triternata**

METALASIA R.Br. 9043000

Compiled by M. Koekemoer

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381–400.
(2) Pillans. 1954. *Journal of South African Botany* 20: 47–90.
(3) Dyer. 1976. *The Flowering Plants of Africa* 43: t. 1719.
(4) Karis. 1989. *Opera Botanica* 99: 1–150.

acuta P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 100–1300 m. WC

adunca Less.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 0–1000 m. WC

agathosmoides Pillans
Perennial. Shrub. Ht 0.1–0.8 m. Alt 1100–1700 m. WC

albescens P.O.Karis
Perennial. Shrub. Ht 0.3–0.8 m. Alt 700–800 m. WC

alfredii Pillans
Perennial. Shrub. Ht 0.5–1 m. Alt 1500–1700 m. WC

aristata DC. = **M. densa**

aurea D.Don
Perennial. Shrub. Ht 0.6–1.5 m. Alt 0–1000 m. WC, EC

barnardii L.Bolus = **M. muraltiifolia**

bodkinii L.Bolus
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 700–800 m. WC

bolusii L.Bolus = **M. capitata**

brevifolia (Lam.) Levyns
Gnaphalium brevifolium Lam. (2)
M. erubescens DC. var. *gemmulifera* Harv. (2)
M. fasciculata (P.J.Bergius) D.Don (2)
M. intermedia DC. (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 0–1500 m. WC

caespitosa Levyns = **M. pulchella**

calcicola P.O.Karis
Perennial. Shrub. Ht 0.5–1 m. Alt 0–100 m. WC

capitata (Lam.) Less.
Gnaphalium capitatum Lam. (4)
M. bolusii L.Bolus (4)
Perennial. Shrub. Ht 0.3–1 m. Alt 0–200 m. WC

cephalotes DC. = **M. seriphiifolia**

cephalotes Levyns = **M. cephalotes**

cephalotes (Thunb.) Less.
Gnaphalium cephalotes Thunb. (2)
M. cephalotes Levyns (2)
Perennial. Shrub. Ht 0.1–1 m. Alt 300–1200 m. WC

compacta Zeyh. ex Sch.Bip.
Perennial. Shrub. Ht 0.5–1.35 m. Alt 0–700 m. WC

concinna Harv. = **M. fastigiata**

confusa Pillans
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 500–1300 m. WC

cymbifolia Harv.
M. decora L.Bolus (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 200–900 m. WC

decora L.Bolus = **M. cymbifolia**

densa (Lam.) P.O.Karis
Gnaphalium densum Lam. (4)
M. aristata DC. (4)
M. muricata (L.) D.Don in part (4)
M. polyanthos (Thunb.) D.Don (4)
M. stricta Less. (4)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–2550 m. LIM, M, S, FS, KZN, L, NC, WC, EC

depressa Harv. = **M. divergens** subsp. **divergens**

distans (Schrank) DC.
Gnaphalium distans Schrank (4)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 1200–1400 m. WC

divergens (Thunb.) D.Don subsp. **divergens**
Gnaphalium divergens Thunb. (4)
M. depressa Harv. (4)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 0–1000 m. WC

divergens (Thunb.) D.Don subsp. **fusca** P.O.Karis
Perennial. Shrub. Ht 0.3–0.7 m. Alt 100–600 m. WC

dregeana DC.
Perennial. Shrub. Ht 1–2.5 m. Alt 200–1000 m. WC

erectifolia Pillans
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 0–100 m. WC

ericoides Sieber ex DC. = **M. muricata**

erubescens DC.
M. nitidula Harv. (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 0–1000 m. WC

erubescens DC. var. *gemmulifera* Harv. = **M. brevifolia**

fasciculata (P.J.Bergius) D.Don = **M. brevifolia**

fastigiata (Thunb.) D.Don
Gnaphalium fastigiatum Thunb. (4)
M. concinna Harv. (4)
M. speciosa Hutch. (4)
Perennial. Shrub. Ht 1–2 m. Alt 700–1100 m. WC

galpinii L.Bolus
Perennial. Shrub. Ht 0.6–1.5 m. Alt 300–800 m. WC

gnaphalodes Druce = **M. pulcherrima** forma **pallescens**

humilis P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 700–900 m. WC

imbricata (P.J.Bergius) Harv. = **Lachnospermum imbricatum**

incurva Pillans = **M. phillipsii** subsp. **incurva**

intermedia DC. = **M. brevifolia**

inversa P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 0–600 m. WC

juniperoides Pillans
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 400–600 m. WC

langebergensis Salter = **M. massonii**

lichtensteinii Less.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 50–600 m. WC

luteola P.O.Karis
Perennial. Shrub. Ht 0.5–1.5 m. Alt 0–100 m. WC

massonii S.Moore
M. langebergensis Salter (4)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 300–1700 m. WC

montana P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1200–1700 m. WC

muraltiifolia DC.
M. barnardii L.Bolus (4)
Perennial. Shrub. Ht 1–2.5 m. Alt 600–1900 m. WC

muricata (L.) D.Don
Gnaphalium muricatum L. (2)
M. ericoides Sieber ex DC. (4)
M. umbellata Cass. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 5–300 m. WC, EC

muricata (L.) D.Don in part = **Metalasia densa**

nitidula Harv. = **M. erubescens**

octoflora DC.
M. xanthocephala Salter (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–500 m. WC

oligocephala P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 300–400 m. WC

pallida Bolus
Perennial. Shrub. Ht 0.3–2 m. Alt 0–1900 m. WC

phillipsii L.Bolus subsp. **incurva** (Pillans) P.O.Karis
M. incurva Pillans (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2100 m. WC

phillipsii L.Bolus subsp. **phillipsii**
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1500–2200 m. WC

plicata P.O.Karis
Perennial. Shrub. Ht 0.5–1.5 m. Alt 200–1400 m. WC

polyanthos (Thunb.) D.Don = **M. densa**

pulchella (Cass.) P.O.Karis
M. caespitosa Levyns (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–200 m. WC

pulcherrima Eckl. ex Harv. = **Stoebe gomphrenoides**

pulcherrima Less. forma **pallescens** (Harv.) P.O.Karis
M. gnaphalodes Druce (4)
M. pulcherrima Less. var. *pallescens* Harv. (4)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 600–1500 m. WC

pulcherrima Less. forma **pulcherrima**
Perennial. Shrub. Ht 0.5–1.5 m. Alt 500–1200 m. WC

pulcherrima Less. var. *pallescens* Harv. = **M. pulcherrima** forma **pallescens**

pungens D.Don
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–1800 m. WC, EC

quinqueflora DC.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 0–400 m. WC

rhoderoides Salter
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 700–1500 m. WC

riparia Salter
Perennial. Shrub. Ht 1–2.5 m. Alt 0–300 m. WC

rogersii S.Moore
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1000–1500 m. WC

schlechteri L.Bolus = **Planea schlechteri**

seriphiifolia DC.
M. cephalotes DC. (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 50–100 m. WC

seriphioides D.Don = **Trichogyne ambigua**

serrata P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 100–500 m. WC

serrulata P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1200–1700 m. WC

speciosa Hutch. = **M. fastigiata**

stricta Less. = **M. densa**

strictifolia Bolus
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2100 m. WC

tenuifolia DC.
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 1500–2200 m. WC

tenuis P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 100–1000 m. WC

tricolor Pillans
Perennial. Shrub. Ht 0.5–1 m. Alt 1200–1400 m. WC

trivialis P.O.Karis
Perennial. Shrub. Ht 0.6–3 m. Alt 5–1500 m. WC, EC

umbellata Cass. = **M. muricata**

umbellata (L.f.) D.Don = **Lachnospermum umbellatum**

umbelliformis P.O.Karis
Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–100 m. WC

uniflora D.Don = **Lachnospermum imbricatum**

virgata Compton = **Lachnospermum imbricatum**

xanthocephala Salter = **M. octoflora**

MICROGLOSSA DC. 8921000

Compiled by P.P.J. Herman

(1) Grau. 1976. *Mitteilungen der Botanischen Staatssammlung München* 12: 399–401.
(2) Hilliard. 1977. *Compositae in Natal*: 78, 79.

caffrorum (Less.) Grau
Aster caffrorum Less. (1)
Felicia caffrorum (Less.) Nees (1)
Perennial. Shrub. Ht up to 1.5 m. Alt 300–700 m. EC

mespilifolia (Less.) B.L.Rob.
Aster mespilifolius Less. (2)
Erigeron natalensis Sch.Bip. (2)
Nidorella mespilifolia (Less.) DC. (2)
Perennial. Shrub. Ht 0.3–4.57 m. Alt 15–915 m. KZN, EC

MICROLONCHUS Cass. 9476030

salmanticus (L.) DC. = **Mantisalca salmantica**

MICRORHYNCHUS Sch.Bip. 9593010

dregeanus DC. = **Launaea sarmentosa**

MIKANIA Willd. 8818000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 54, 55.
(2) Holmes. 1982. *Botanische Jahrbücher* 103: 211–246.
(3) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 419–426.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 343.

angustifolia (O.Hoffm.) R.E.Fr. = **M. sagittifera**

asparagoides Licht. ex Less. = **Euryops asparagoides**

auriculata (Lam.) Willd. = **Senecio deltoideus**

capensis DC.
M. oxyota DC. (2)
Perennial. Climber. Ht? Alt 5–1500 m. LIM, M, S, KZN, EC

cordata in sense of Hilliard, not of (Burm.f.) B.L.Rob., misapplied name = **M. natalensis**

natalensis DC.
M. cordata in sense of Hilliard, not of (Burm.f.) B.L.Rob., misapplied name (2)
Perennial. Climber. Ht? Alt 10–840 m. KZN

oxyota DC. = **M. capensis**

sagittifera B.L.Rob.
M. angustifolia (O.Hoffm.) R.E.Fr. (2)
Perennial. Climber. Ht? Alt 950–1000 m. N, B

MIKANIOPSIS Milne-Redh. 9411100

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 499, 500.
(2) Jeffrey. 1986. *Kew Bulletin* 41: 878, 879.

cissampelina (DC.) C.Jeffrey
Cacalia cissampelina DC. (2)
Senecio cissampelinus (DC.) Sch.Bip. (2)
Perennial. Herb, climber. Ht up to 5 m. Alt 1000–2500 m. LIM, M, KZN, EC

MINUROTHAMNUS DC. 9064000

phagnaloides DC. = **Heterolepis aliena**

MIRASOLIA Sch.Bip. 9196010

diversifolia Hemsl. = **Tithonia diversifolia**

MONACTINOCEPHALUS Klatt 9061040

paniculatus Klatt = **Inula paniculata**

MONOCHLAENA Cass. 9320010

racemosus Cass. = **Eriocephalus africanus** var. **paniculatus**

*MONTANOA La Llave & Lex. 9170000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 305.
(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 360.

bipinnatifida (Kunth) K.Koch
Perennial. Herb or shrub. Ht up to 1.5 m. Alt? WC

hibiscifolia Benth.
Perennial. Shrub. Ht up to 6 m. Alt up to 155 m. KZN, EC

MONTICAPRA Koekemoer 9039030

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

barbata (Koekemoer) Koekemoer
Disparago barbata Koekemoer (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1450–1550 m. WC

gongylodes (Koekemoer) Koekemoer
Disparago gongylodes Koekemoer (1)
Perennial. Shrub, dwarf shrub. Ht 0.05–0.35 m. Alt 1200–1600 m. WC

pilosa (Koekemoer) Koekemoer
Disparago pilosa Koekemoer (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.25 m. Alt 1450–1550 m. WC

MORYSIA Cass. 9326020

acerosa DC. = **Phymaspermum acerosum**
aspera (Thunb.) Less. = **Athanasia dentata**
dentata (L.) DC. = **Athanasia dentata**
dentata (L.) DC. var. *kraussii* Sch.Bip. = **Athanasia dentata**
diversifolia Cass. = **Athanasia dentata**
fasciculata Less. = **Athanasia vestita**
juncea DC. = **Athanasia juncea**
lineariloba DC. = **Athanasia pectinata**
longifolia (Lam.) Less. = **Athanasia linifolia**
microcephala DC. = **Athanasia microcephala**
pachyphylla Sch.Bip. = **Athanasia dentata**
pauciflora DC. = **Athanasia microcephala**
spathulata DC. = **Athanasia spathulata**
velutina DC. = **Athanasia tomentosa**

MUNICHIA Cass. 8919060

brachyglossa (Cass.) Cass. = **Felicia cymbalariae** subsp. **cymbalariae**
cymbalariae (Aiton) Nees = **Felicia cymbalariae** subsp. **cymbalariae**
cymbalariae (Aiton) Nees var. *microcephala* DC. = **Felicia cymbalariae** subsp. **cymbalariae**
cymbalarioides DC. = **Felicia cymbalarioides**
hirsuta (Vent.) DC. = **Felicia cymbalariae** subsp. **cymbalariae**

MYROVERNIX Koekemoer 9041030

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

glandulosus Koekemoer
Elytropappus glandulosus Less. (1)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 1000–2000 m. WC

gnaphaloides Koekemoer
Disparago gomphrenoides Sch.Bip. (1)
Elytropappus ambiguus DC. (1)
Elytropappus canescens DC. (1)
Elytropappus glandulosus Less. var. *ambiguus* (DC.) Harv. (1)
Elytropappus gnaphaloides (L.) Levyns (1)
Elytropappus scaber Kuntze (1)
Seriphium gnaphaloides L. (1)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 1000–1800 m. WC

intricata (Levyns) Koekemoer
Stoebe intricata Levyns (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 700–1100 m. WC

muricata (Spreng. ex Sch.Bip.) Koekemoer
Elytropappus glandulosus Less. var. *longifolius* DC. (1)
Elytropappus glandulosus Less. var. *pallens* DC. (1)
Elytropappus longifolius (DC.) Levyns (1)
Stoebe muricata Spreng. ex Sch.Bip. (1)
Perennial. Shrub. Ht 0.4–2.5 m. Alt 600–1100 m. WC

scaber (L.f) Koekemoer
Elytropappus glandulosus Less. var. *microphyllus* DC. in part (1)
Elytropappus muricella Steud. ex Sch.Bip. (1)
Elytropappus scaber (L.f.) Druce (1)
Stoebe scabra L.f.
Perennial. Shrub, dwarf shrub. Ht 0.4–1.8 m. Alt 0–1500 m. WC

MYXOPAPPUS Källersjö 9366030

Compiled by P.P.J. Herman

(1) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 314–316.

acutilobus (DC.) Källersjö
Matricaria acutiloba (DC.) Harv. (1)
Pentzia acutiloba (DC.) Hutch. (1)
Tanacetum acutilobum DC. (1)
Annual. Herb. Ht 0.1–0.5 m. Alt 152–700 m. N, NC

hereroensis (O.Hoffm.) Källersjö
Pentzia galpinii Hutch. (1)
Pentzia hereroensis O.Hoffm. (1)
Annual. Herb. Ht 0.07–0.45 m. Alt 0 m. N

NESTLERA Spreng. 9048000

Compiled by M. Koekemoer

(1) Bremer. 1976. *Opera Botanica* 40: 1–85.
(2) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

acerosa (DC.) Harv. = **Relhania acerosa**

angusta Compton = **Relhania tricephala**

biennis (Jacq.) Spreng.
Columellea biennis Jacq. (2)
N. reflexa (Thunb.) DC. (2)
Relhania biennis (Jacq.) K.Bremer (2)
Relhania reflexa Thunb. (1)
Annual or biennial. Herb. Ht 0.05–0.5 m. Alt 60–200 m. NC, WC

conferta DC. = **Rosenia humilis**

consimilis S.Moore = **Relhania relhanioides**

corymbosa Bolus = **Relhania corymbosa**

dieterlenii E.Phillips = **Relhania dieterlenii**

dinteri Muschl. ex Dinter = **Rosenia humilis**

dregeana Harv. = **Rosenia spinescens**

garnotii (Less.) Harv. = **Relhania garnotii**

humilis Less. = **Rosenia humilis**

incana Dinter ex Merxm. = **Rosenia humilis**

levynsae Hutch. = **Rosenia oppositifolia**

minuta (L.f.) DC. = **Athanasia minuta** subsp. **minuta**

muriculata DC. = **Rosenia humilis**

oppositifolia DC. = **Rosenia humilis**

prostrata Harv. = **Rosenia oppositifolia**

reflexa (Thunb.) DC. = **N. biennis**

relhanioides Schltr. = **Relhania relhanioides**

rosenioides Hutch. ex Compton = **Rosenia humilis**

spinescens (DC.) Druce = **Rosenia spinescens**

tenuifolia DC. = **Relhania garnotii**

tricephala (DC.) Harv. = **Relhania tricephala**

virgata N.E.Br. = **Comborhiza virgata**

NEWTONIA O.Hoffm. 9374010

angolensis O.Hoffm. = **Distephanus angolensis**

NICOLASIA S.Moore 8951000

Compiled by P.P.J. Herman

(1) Merxmüller. 1954. *Mitteilungen der Botanischen Staatssammlung München* 2: 1–10.
(2) Merxmüller. 1967. *FSWA* 139: 113–117.
(3) Leins. 1971. *Mitteilungen der Botanischen Staatssamnulung München* 9: 107.
(4) Wild. 1980. *Kirkia* 12: 26–32.
(5) Beentje. 2002. *FTEA* Compositae (Part 2): 349–352.

affinis S.Moore = **N. heterophylla** subsp. **affinis**

costata (Klatt) Thell.
N. lugardii N.E.Br. ex S.Moore (1, 2, 4)
Nolletia costata Klatt (1, 2, 4)
Perennial. Herb. Ht 0.05–0.3 m. Alt 900–1005 m. N, B

felicioides (Hiern) S.Moore
Athrixia felicioides Hiern (1, 2, 4)
Laggera humilis O.Hoffm. (1, 2, 4)
Perennial. Herb. Ht 0.05–0.5 m. Alt? N

heterophylla S.Moore subsp. **affinis** (S.Moore) Merxm.
N. affinis S.Moore (1, 2)
Perennial. Herb. Ht 0.12–0.3 m. Alt 1000–2000 m. N

heterophylla S.Moore subsp. **heterophylla**
Blumea suessenguthii Merxm. (1, 2)
Perennial. Herb. Ht 0.2–0.4 m. Alt 1000–2000 m. N

lugardii N.E.Br. ex S.Moore = **N. costata**

nitens (O.Hoffm.) Eyles var. **nitens**
Laggera dinteri Thell. ex Merxm. (1, 2)
N. quinqueseta O.Hoffm. ex Thell. (3, 4, 5)
Pluchea nitens O.Hoffm. (3, 4, 5)
Annual, occ. perennial. Herb. Ht 0.35–0.5 m. Alt 950–1300 m. N, B, LIM

pedunculata S.Moore subsp. **pedunculata** (4)
N. vedderiana Dinter ex Merxm. (1, 2)
Perennial, occ. annual. Herb. Ht 0.05–0.3 m. Alt? N, B

quinqueseta O.Hoffm. ex Thell. = **N. nitens** var. **nitens**

stenoptera (O.Hoffm.) Merxm. subsp. **makarikariensis** (Bremek. & Oberm.) Merxm.
Laggera makarikariensis Bremek. & Oberm. (1, 2, 4)
Perennial. Herb. Ht 0.1–0.4 m. Alt? B

stenoptera (O.Hoffm.) Merxm. subsp. **stenoptera**
Laggera stenoptera O.Hoffm. (1, 2)
Perennial. Herb. Ht 0.1–1 m. Alt 400–2000 m. N, B, NW

vedderiana Dinter ex Merxm. = **N. pedunculata** subsp. **pedunculata**

NIDORELLA Cass. 8925000

Compiled by P.P.J. Herman

(1) Wild. 1969. *Boletim da Sociedade Broteriana* 43: 209–245.
(2) Wild. 1975. *Kirkia* 10: 62–72.
(3) Hilliard. 1977. *Compositae in Natal*: 79–85.
(4) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

agria Hilliard
Perennial. Herb. Ht up to 0.6 m. Alt 1525–2350 m. FS, KZN, L, EC

amplexicaulis DC. = **N. undulata**

angustifolia O.Hoffm. = **N. anomala**

anomala Steetz
N. angustifolia O.Hoffm. (3)
N. depauperata Harv. (3)
N. solidaginea of author, not of DC.; Wild, concept invalid (3)
Annual, occ. perennial. Herb. Ht 0.15–1.48 m. Alt 975–2250 m. NW, G, M, S, FS, KZN, L, EC

auriculata DC.
Erigeron kraussii Sch.Bip. (1, 3)
Erigeron sprengelii Sch.Bip. (1, 2, 3)
N. auriculata DC. subsp. *polycephala* (DC.) Wild (3)
N. diversifolia Spreng. ex Steetz (1, 2)
N. kraussii (Sch.Bip. ex Walp.) Harv. (1, 2)
N. obovata DC. (1, 2, 3)
N. polycephala DC. (3)
N. senecionea DC. (1, 2, 3)
N. senecionea DC. var. *albanensis* DC. (1, 2)
N. sprengelii (Sch.Bip. ex Walp.) Harv. (1, 2)

Perennial. Herb. Ht 0.3–1.5 m. Alt 1–2500 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

auriculata DC. subsp. *polycephala* (DC.) Wild = **N. auriculata**

densifolia O.Hoffm. = **N. resedifolia** subsp. **resedifolia**

depauperata Harv. = **N. anomala**

diversifolia Spreng. ex Steetz = **N. auriculata**

foetida (L.) DC.
Inula foetida L. (1)
N. hyssopifolia DC. (1)
N. hyssopifolia DC. var. *glabrata* DC. (1)
Perennial. Suffrutex. Ht 0.01–1.2 m. Alt 5–2470 m. WC, EC

frutescens Dinter = **N. resedifolia** subsp. **frutescens**

gariepina DC. = **Nolletia gariepina**

hirta DC. = **N. resedifolia** subsp. **resedifolia**

hottentotica DC.
N. hottentotica DC. var. *lanata* Harv. (1)
Annual. Herb. Ht 0.05–1.2 m. Alt 303–1830 m. LIM, NW, G, M, S, FS, NC

hottentotica DC. var. *lanata* Harv. = **N. hottentotica**

hyssopifolia DC. = **N. foetida**

hyssopifolia DC. var. *glabrata* DC. = **N. foetida**

kraussii (Sch.Bip. ex Walp.) Harv. = **N. auriculata**

krookii O.Hoffm. = **N. resedifolia** subsp. **resedifolia**

linifolia DC.
Annual, occ. perennial. Herb. Ht 0.33–1 m. Alt 2–10 m. KZN

longifolia DC. = **N. undulata**

membranifolia Steetz = **N. microcephala**

mespilifolia (Less.) DC. = **Microglossa mespilifolia**

microcephala Steetz
N. membranifolia Steetz (2)
N. resedifolia DC. subsp. *microcephala* (Steetz) Wild (2)
Annual. Herb. Ht 0.85–1.3 m. Alt up to 1100 m. LIM, KZN

nordenstamii Wild
Annual. Herb. Ht up to 0.5 m. Alt 1500–2100 m. N

obovata DC. = **N. auriculata**

pinnatilobata DC. = **N. resedifolia** subsp. **resedifolia**

polycephala DC. = **N. auriculata**

punctulata DC. = **Psiadia punctulata**

rapunculoides DC. = **N. resedifolia** subsp. **resedifolia**

resedifolia DC. subsp. **frutescens** Merxm.
N. frutescens Dinter (1)
Annual. Herb. Ht 0.5–1 m. Alt 971–1400 m. N

resedifolia DC. subsp. *microcephala* (Steetz) Wild = **N. microcephala**

resedifolia DC. subsp. **resedifolia**
N. densifolia O.Hoffm. (1, 2)
N. hirta DC. (1, 2, 3)
N. krookii O.Hoffm. (1, 2, 3)
N. pinnatilobata DC. (1, 2, 3)
N. rapunculoides DC. (1, 2, 3)
N. resedifolia DC. var. *subvillosa* Merxm. (1, 2)
N. solidaginea DC. (1, 2, 3)
Annual. Herb. Ht 0.1–1 m. Alt 10–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

resedifolia DC. var. *subvillosa* Merxm. = **N. resedifolia** subsp. **resedifolia**

senecionea DC. = **N. auriculata**

senecionea DC. var. *albanensis* DC. = **N. auriculata**

solidaginea DC. = **N. resedifolia** subsp. **resedifolia**

solidaginea of author, not of DC.; Wild, concept invalid = **N. anomala**

sprengelii (Sch.Bip. ex Walp.) Harv. = **N. auriculata**

tongensis Hilliard
Perennial. Herb, succulent. Ht up to 0.5 m. Alt 0–60 m. KZN

undulata (Thunb.) Sond. ex Harv.
Chrysocoma undulata Thunb. (1, 2, 3)
N. amplexicaulis DC. (1, 2, 3)
N. longifolia DC. (1, 2, 3)
Perennial. Herb. Ht 0.2–1 m. Alt 335–2525 m. LIM, M, KZN, L, WC, EC

NOLLETIA Cass. 8929000

Compiled by P.P.J. Herman

(1) Merxmüller. 1955. *Mitteilungen der Botanischen Staatssammlung München* 2: 78, 79.
(2) Merxmüller. 1967. *FSWA* 139: 118–120.
(3) Hilliard. 1977. *Compositae in Natal*: 96–98.

arenosa O.Hoffm.
Chrysocoma dinteri Muschl. (2)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 885–2290 m. N, B, NW, NC

ciliaris (DC.) Steetz
Leptothamnus ciliaris DC. (2, 3)
Perennial. Suffrutex. Ht 0.15–0.5 m. Alt 1030–1900 m. N, B, NW, G, FS, KZN, L, NC, EC

costata Klatt = **Nicolasia costata**

ericoides Merxm.
Perennial. Suffrutex. Ht 0.2–0.3 m. Alt? N

gariepina (DC.) Mattf.
Felicia gariepina (DC.) L.Bolus (2)
Nidorella gariepina DC. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 550–2000 m. N, NC

rarifolia (Turcz.) Steetz
Leptothamnus rarifolius Turcz. (3)
Perennial. Suffrutex. Ht 0.17–0.45 m. Alt 945–2000 m. LIM, NW, G, M, FS, KZN, NC, EC

ruderalis Hilliard
Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 0–801 m. M, S, KZN

tenuifolia Mattf.
Chrysocoma ciliata of author, not of L.; Dinter, concept invalid (2)
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt 1500–2100 m. N

zambesica R.E.Fr.
Perennial. Shrub, herb. Ht 0.6–1.3 m. Alt? N, B

NOTONIA DC. 9411020

fulgens (Hook.f.) Guillaumin = **Kleinia fulgens**

welwitschii (O.Hoffm.) Hiern = **Kleinia fulgens**

NOTONIOPSIS B.Nord. 9411030

fulgens (Hook.f.) B.Nord. = **Kleinia fulgens**

galpinii (Hook.f.) B.Nord. = **Kleinia galpinii**

OEDERA L. 9322000

Compiled by M. Koekemoer

(1) Harvey. 1865. *FC* 3: 44–530.
(2) Smith. 1927. *Bothalia* 2: 360–365.
(3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 440.
(4) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 786.
(5) Levyns. 1948. *Journal of South African Botany* 14: 83–85.
(6) Bremer. 1976. *Opera Botanica* 40: 1–85.
(7) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 344.
(9) Beyers. 2001. *Bothalia* 31: 41, 42.

aliena L.f. = **Heterolepis aliena**

alienata Thunb. = **Hirpicium alienatum**

capensis (L.) Druce
Eroeda capensis (L.) Levyns (7)
O. prolifera L.f. (7)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 50–600 m. WC, EC

conferta (Hutch.) Anderb. & K.Bremer
Relhania conferta Hutch. (7)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1500–1600 m. NC

epaleacea Beyers
Perennial. Shrub. Ht 0.2–0.6 m. Alt 800–1000 m. WC

foveolata (K.Bremer) Anderb. & K.Bremer
Relhania foveolata K.Bremer (7)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 500–900 m. WC

genistifolia (L.) Anderb. & K.Bremer
Athanasia genistifolia L. (7)
Geigeria passerinoides (L'Hér.) Harv. (7)
Relhania genistifolia (L.) L'Hér. (7)
Relhania genistifolia (L.) L'Hér. var. *angustifolia* Harv. (7)
Relhania genistifolia (L.) L'Hér. var. *discoidea* Harv. (7)
Relhania microphylla L'Hér. (7)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 500–2000 m. NC, WC, EC

hirta Thunb.
Eroeda hirta (Thunb.) Levyns (7)
Perennial. Shrub. Ht 0.2–0.3 m. Alt 10–800 m. WC

imbricata Lam.
Eroeda imbricata (Lam.) Levyns (7)
Eroeda intermedia (DC.) Levyns (7)
O. intermedia DC. (8)
O. latifolia Less. (7)
Perennial. Shrub. Ht 0.2–0.4 m. Alt 70–1500 m. WC, EC

intermedia DC. = **O. imbricata**

laevis DC.
Eroeda laevis (DC.) Levyns (7)
Eroeda muirii (C.A.Sm.) Levyns (7)
O. muirii C.A.Sm. (8)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 250–700 m. WC, EC

latifolia Less. = **O. imbricata**

muirii C.A.Sm. = **O. laevis**

multipunctata (DC.) Anderb. & K.Bremer
Relhania multipunctata DC. (7)
Perennial. Shrub. Ht 0.6–1 m. Alt 600–900 m. NC, WC

nordenstamii (K.Bremer) Anderb. & K.Bremer
Relhania nordenstamii K.Bremer (7)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–800 m. NC

prolifera L.f. = **O. capensis**

resinifera (K.Bremer) Anderb. & K.Bremer
Relhania resinifera K.Bremer (7)
Perennial. Shrub. Ht 0.8–1 m. Alt 500–1000 m. WC

sedifolia (DC.) Anderb. & K.Bremer
Eclopes sedifolia DC. (1)
Relhania sedifolia (DC.) Harv. (7)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 200–1700 m. NC, WC

silicicola (K.Bremer) Anderb. & K.Bremer
Relhania silicicola K.Bremer (7)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 100–120 m. WC

squarrosa (L.) Anderb. & K.Bremer
Relhania latifolia Compton (7)
Relhania squarrosa (L.) L'Hér. (7)
Relhania squarrosa (L.) L'Hér. var. *brevifolia* Harv. (7)
Santolina squarrosa L. (7)
Perennial. Shrub. Ht 0.2–1.6 m. Alt 500–1600 m. NC, WC, EC

steyniae (L.Bolus) Anderb. & K.Bremer
Relhania steyniae L.Bolus (7)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 0–300 m. WC

uniflora (L.f.) Anderb. & K.Bremer
Athanasia uniflora L.f. (7)
Relhania cuneata L'Hér. (7)
Relhania cuneata L'Hér. var. *virgata* (L'Hér.) S.Moore (7)
Relhania uniflora (L.f.) Druce (7)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 20–300 m. WC

viscosa (L'Hér.) Anderb. & K.Bremer
Relhania affinis Sond. ex Harv. (7)
Relhania genistifolia (L.) L'Hér. var. *glutinosa* (DC.) Harv. (7)
Relhania viscosa L'Hér. (7)
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 100–400 m. WC

OLDENBURGIA Less. 9500000

Compiled by N. Netnou

(1) Bond. 1987. *South African Journal of Botany* 53: 493–500.

arbuscula DC. = **O. grandis**

grandis (Thunb.) Baill.
Arnica grandis Thunb. (1)
O. arbuscula DC. (1)
Perennial. Shrub or small tree. Ht 1–5 m. Alt 500–690 m. EC

intermedia Bond
Perennial. Dwarf shrub, cushion-forming. Spread up to 0.06 m. Alt 600–1500 m. WC

papionum DC.
Perennial. Dwarf shrub. Ht? Alt 250–450 m. WC

paradoxa Less.
Perennial. Dwarf shrub, cushion forming. Spread up to 1 m. Alt 550–1300 m. WC

OLIGOCARPHA Cass. 8936010

neriifolia (L.) Cass. = **Brachylaena neriifolia**

OLIGOCARPUS Less. 9424000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 90.
(2) Harvey. 1865. *FC* 3: 433.
(3) Norlindh. 1943. *Studies in the Calenduleae*: 346–352.
(4) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.

acanthospermus (DC.) Bolus = **Osteospermum acanthospermum**

calendulaceus (L.f.) Less.
Calendula parviflora Thunb. (2, 4)
O. tripteroides DC. (3, 4)
Osteospermum calendulaceum L.f. (2, 4)
Annual. Herb. Length 0.05–0.5 m. Alt 20–1465 m. KZN, NC, WC, EC

calendulaceus of author, not of Less.; Dinter, concept invalid = **Osteospermum muricatum** subsp. **muricatum**

tripteroides DC. = **O. calendulaceus**

OLIGODORA DC. 9326030

dentata DC. = **Hymenolepis dentata**

OLIGODORELLA Turcz. 9370005

teretifolia Turcz. = **Marasmodes polycephala**

OLIGOTHRIX DC. 9416000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 306.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 345.

gracilis DC.
Annual. Herb. Ht up to 0.3 m. Alt 1000–1676 m. WC

ONCOSIPHON Källersjö 9366020

Compiled by P.P.J. Herman

(1) Schlechter. 1899. *Botanische Jahrbücher* 27: 208.
(2) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 310–314.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 345.

africanum (P.J.Bergius) Källersjö
Chrysanthemum hirtum Thunb. (2)
Matricaria africana P.J.Bergius (2)
Matricaria capensis L. (2)
Matricaria hirta (Thunb.) DC. (2)
Annual. Herb. Ht 0.25–0.5 m. Alt 2–30 m. WC

glabratum (Thunb.) Källersjö
Chrysanthemum glabratum Thunb. (2)
Matricaria glabrata (Thunb.) DC. (2)
Annual. Herb. Ht up to 0.3 m. Alt? WC

grandiflorum (Thunb.) Källersjö
Matricaria grandiflora (Thunb.) Fenzl ex Harv. (2)
Pentzia grandiflora (Thunb.) Hutch. (2)
Tanacetum grandiflorum Thunb. (2)
Annual. Herb. Ht 0.1–0.9 m. Alt 3–1372 m. N, NC, WC

intermedium (Hutch.) Källersjö
Pentzia intermedia Hutch. (2)
Annual. Herb. Ht up to 0.2 m. Alt 90–650 m. WC

piluliferum (L.f.) Källersjö
Cotula globifera Thunb. (2)
Cotula pilulifera L.f. (2)
Matricaria globifera (Thunb.) Fenzl ex Harv. (2)
Matricaria pilulifera (L.f.) Druce (2)
Pentzia globifera (Thunb.) Hutch. (2)
Pentzia pilulifera (L.f.) Fourc. (2)
Tanacetum obtusum Thunb. (2)
Annual. Herb. Ht 0.1–0.6 m. Alt 8–1645 m. NW, G, M, FS, KZN, L, NC, WC, EC

sabulosum (Wolley-Dod) Källersjö
Matricaria sabulosa Wolley-Dod (2)
Pentzia sabulosa (Wolley-Dod) Hutch. (2)
Annual. Herb. Length 0.15–0.5 m. Alt 4–46 m. NC, WC

schlechteri (Bolus) Källersjö
Matricaria schlechteri Bolus ex Schltr. (2)
Perennial. Shrub. Ht? Alt 0 m. WC

suffruticosum (L.) Källersjö
Cotula tanacetifolia L. (2)
Matricaria multiflora Fenzl ex Harv. (2)
Pentzia suffruticosa (L.) Hutch. ex Merxm. (2)
Pentzia tanacetifolia (L.) Hutch. (2)
Tanacetum suffruticosum L. (2)
Annual. Herb. Ht 0.1–0.6 m. Alt 15–1500 m. N, NC, WC

ONDETIA Benth. 9089000

Compiled by P.P.J. Herman

(1) Bentham. 1876. *Hooker's Icones Plantarum* 12: 11, 12, t. 1112.
(2) Merxmüller. 1967. *FSWA* 139: 120, 121.

linearis Benth.
Annual or perennial. Herb. Ht 0.1–0.9 m. Alt 950–1830 m. N

OREOLEYSERA K.Bremer 9052010

Compiled by M. Koekemoer

(1) Bremer. 1978. *Botaniska Notiser* 131: 449–453.

montana (Bolus) K.Bremer
Leysera montana Bolus (1)
Perennial. Dwarf shrub. Ht 0.03–0.08 m. Alt 1000–1100 m. WC

OSMITES L. 9099000

angustifolia DC. = **Osmitopsis pinnatifida** subsp. **angustifolia**

anthemoides DC. = **Osmitopsis osmitoides**

asteriscoides P.J.Bergius = **Osmitopsis asteriscoides**

bellidiastrum in sense of Thunb. = **Osmitopsis osmitoides**

calycina L.f. = **Relhania calycina** subsp. **calycina**

dentata Thunb. = **Osmitopsis dentata**

hirsuta Less. = **Osmitopsis afra**

leucantha (L.) Druce = **Osmitopsis afra**

parvifolia DC. = **Osmitopsis parvifolia**

pinnatifida DC. = **Osmitopsis pinnatifida** subsp. **pinnatifida**

OSMITOPSIS Cass. emended K.Bremer 9098000

Compiled by P.P.J. Herman

(1) Bremer. 1972. *Botaniska Notiser* 125: 9–48.
(2) Bremer. 1976. *Botaniska Notiser* 129: 21–24.

afra (L.) K.Bremer
Anthemis afra L. (1)
Osmites hirsuta Less. (1)
Osmites leucantha (L.) Druce (1)
Perennial. Suffrutex. Ht 0.1–0.4 m. Alt 360–1220 m. WC

asteriscoides (L.) Cass. = **O. asteriscoides**

asteriscoides (P.J.Bergius) Less.
Leucanthemum asteriscoides (L.) Kuntze (1)
Osmites asteriscoides P.J.Bergius (1)
O. asteriscoides (L.) Cass. (1)
O. calva Gand. (1)
Perennial. Shrub. Ht up to 2 m. Alt 15–1220 m. WC

calva Gand. = **O. asteriscoides**

dentata (Thunb.) K.Bremer
Osmites dentata Thunb. (1)
Perennial. Suffrutex. Ht 0.15–0.5 m. Alt 30–915 m. WC

glabra K.Bremer
Perennial. Suffrutex. Ht 0.08–0.25 m. Alt ± 400 m. WC

nana Schltr.
Perennial. Suffrutex. Ht 0.03–0.15 m. Alt 480–1220 m. WC

osmitoides (Less.) K.Bremer
Bellidiastrum osmitoides Less. (1)
Osmites anthemoides DC. (1)
Osmites bellidiastrum in sense of Thunb. (1)
Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 90–1380 m. WC, EC

parvifolia (DC.) Hofmeyr
Osmites parvifolia DC. (1)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 420–1250 m. WC

pinnatifida (DC.) K.Bremer subsp. **angustifolia** (DC.) K.Bremer
Osmites angustifolia DC. (1)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 600–1100 m. WC

pinnatifida (DC.) K.Bremer subsp. **pinnatifida**
Osmites pinnatifida DC. (1)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 600–1530 m. WC

pinnatifida (DC.) K.Bremer subsp. **serrata** K.Bremer
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 760–1600 m. WC

tenuis K.Bremer
Perennial. Suffrutex. Ht 0.1–1 m. Alt 1050–1380 m. WC

OSTEOSPERMUM L. 9427000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 433–446.
(2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 392–395.
(3) Norlindh. 1939. *Botaniska Notiser*: 786–795.
(4) Norlindh. 1943. *Studies in the Calenduleae*: 98–237, 353–357.
(5) Norlindh. 1960. *Botaniska Notiser* 113: 388–392.
(6) Norlindh. 1965. *Mitteilungen der Botanischen Staatssammlung München* 5: 646–649.
(7) Merxmüller. 1967. *FSWA* 139: 121–129.
(8) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 232, 233.

acanthospermum (DC.) Norl.
Oligocarpus acanthospermus (DC.) Bolus (4)
Xenismia acanthosperma DC. (4)
Annual. Herb. Length 0.02–0.3 m. Alt 450–1200 m. NC, WC

aciphyllum DC.
O. triquetrum L.f. var. *aciphyllum* (DC.) Harv. (4)
Perennial. Shrub. Length 0.15–0.6 m. Alt 300–600 m. WC

acutifolium (Hutch.) Norl. = **Dimorphotheca acutifolia**

amplectens (Harv.) Norl. = **Tripteris amplectens**

angolense Norl. = **Tripteris angolensis**

arctotoides L.f. = **Arctotis arctotoides**

armatum Norl.
Perennial. Shrub. Ht up to 0.5 m. Alt 700–1065 m. N, NC

asperulum (DC.) Norl.
O. coriaceum DC. var. *asperulum* DC. (4)
Perennial. Suffrutex. Ht 0.1–1 m. Alt 700–1700 m. WC

asperum (Thunb.) Less. = **O. rigidum** var. **rigidum**

attenuatum Hilliard & B.L.Burtt
Perennial. Herb. Length 0.15–0.4 m. Alt 1675–2300 m. KZN

auriculatum (S.Moore) Norl. = **Tripteris auriculata**

barberae (Harv.) Norl. = **Dimorphotheca barberae**

bidens Thunb.
O. ephedroides DC. (1, 4)
O. lavandulaceum DC. (4)
Senecio striatus Thunb. (1, 4)
Perennial. Herb. Ht 0.3–0.6 m. Alt 450–1400 m. NC, WC

bipinnatum Thunb. = **Garuleum bipinnatum**

bolusii (Compton) Norl.
O. multicaule Norl. (4)
Tripteris bolusii Compton (4)
Perennial. Herb. Ht 0.5–0.8 m. Alt 400–1400 m. WC

breviradiatum Norl. = **Tripteris breviradiata**

burchellii DC. = **O. corymbosum**

caeruleum Aiton = **Garuleum pinnatifidum**

calcareum Muschl. ex Dinter = **O. montanum**

calendulaceum Harv. = **Garuleum latifolium**

calendulaceum L.f. = **Oligocarpus calendulaceus**

caulescens Harv. = **Dimorphotheca caulescens**

ciliatum P.J.Bergius
O. laxum DC. (4)
O. pungens Harv. (4)
Perennial. Shrub. Length up to 0.5 m. Alt 100–700 m. WC

clandestinum (Less.) Norl. = **Tripteris clandestina**

connatum DC. = **Tripteris amplexicaulis**

coriaceum DC. = **O. junceum**

coriaceum DC. var. *asperulum* DC. = **O. asperulum**

corymbosum DC., not of L. = **O. imbricatum** subsp. **imbricatum**

corymbosum DC. var. *lasiocaulon* DC. = **O. imbricatum** subsp. **imbricatum**

corymbosum DC. var. *parvifolium* Harv. = **O. imbricatum** subsp. **imbricatum**

corymbosum DC. var. *rotundifolium* DC. in part = **O. imbricatum** subsp. **imbricatum**

corymbosum L.
O. burchellii DC. (4)
Perennial. Suffrutex. Ht 1–3 m. Alt 300–600 m. WC

corymbosum L. var. *rotundifolium* DC. in part = **O. rotundifolium**

crassifolium (O.Hoffm.) Norl. = **Tripteris crassifolia**

cuspidatum DC. = **Tripteris tomentosa**

decumbens Fourc. = **O. pterigoideum**

dentatum Burm.f. = **Tripteris dentata**

dichotomum E.Mey. ex DC. = **O. imbricatum** subsp. **imbricatum**

dregei (DC.) Norl. var. *dregei* = **Dimorphotheca dregei** var. **dregei**

dregei (DC.) Norl. var. *reticulatum* Norl. = **Dimorphotheca dregei** var. **reticulata**

ecklonis (DC.) Norl. = **Dimorphotheca ecklonis**

elegans Bolus = **O. rigidum** var. **elegans**

elsieae Norl.
Perennial. Sprawling shrub or suffrutex. Length up to 0.5 m. Alt 250–750 m. WC

ephedroides DC. = **O. bidens**

falcatum E.Mey. ex DC. = **Gymnostephium ciliare**

fallax Spreng. ex DC. = **Euryops munitus**

filiforme Thunb. = **O. triquetrum**

foveolatum DC. = **O. polygaloides** var. **polygaloides**

fruticosum (L.) Norl. = **Dimorphotheca fruticosa**

glaberrimum O.Hoffm. = **O. imbricatum** subsp. **nervatum** var. **nervatum**

glabratum (Thunb.) Less. = **Tripteris oppositifolia**

glabrum N.E.Br.
Tripteris glabra C.A.Sm. (4)
Perennial. Shrub. Ht 0.45–0.7 m. Alt 180–500 m. WC, EC

glandulosum Spreng.f., not of DC. = **O. imbricatum** subsp. **imbricatum**

grandidentatum DC.
O. grandidentatum DC. var. *hispidum* Harv. (4)
O. grandidentatum DC. var. *natalense* Sch.Bip. (4)
Perennial. Herb. Length 0.3–0.6 m. Alt 30–1600 m. S, KZN, EC

grandidentatum DC. var. *hispidum* Harv. = **O. grandidentatum**

grandidentatum DC. var. *natalense* Sch.Bip. = **O. grandidentatum**

grandiflorum DC.
Calendula muricata Thunb. (4)
Calendula rigida Aiton (4)
Tripteris arborescens Harv., not of Less. (4)
Tripteris petiolata DC. (4)
Perennial. Shrub or suffrutex. Ht 0.5–0.9 m. Alt 60–1400 m. NC, WC

hafstroemii Norl.
Perennial. Shrub. Length up to 0.2 m. Alt 0–5 m. WC

hamiltoni S.Moore = **O. muricatum** subsp. **muricatum**

helichrysoides DC. = **O. imbricatum** subsp. **nervatum** var. **helichrysoides**

herbaceum L.f.
O. zeyheri Spreng. ex DC. (1, 4)
Perennial. Herb. Ht 0.8–1 m. Alt 0–1000 m. KZN, EC

heterophyllum DC. = **Euryops brachypodus**

hirsutum Thunb.
Perennial. Shrub. Ht up to 0.5 m. Alt? WC?

hispidum Harv. var. **hispidum**
Perennial. Shrub or suffrutex. Ht up to 0.5 m. Alt 200–500 m. WC

hispidum Harv. var. **viride** Norl.
Perennial. Shrub or suffrutex. Ht up to 0.5 m. Alt? WC

hyoseroides (DC.) Norl. = **Tripteris hyoseroides**

ilicifolium L. = **Gibbaria ilicifolia**

imbricatum Harv., not of L. = **O. polygaloides** var. **polygaloides**

imbricatum L. subsp. **imbricatum**
O. corymbosum DC., not of L. (4)
O. corymbosum DC. var. *lasiocaulon* DC. (4)
O. corymbosum DC. var. *parvifolium* Harv. (4)
O. corymbosum DC. var. *rotundifolium* DC. in part (4)
O. dichotomum E.Mey. ex DC. (4)
O. glandulosum Spreng.f., not of DC. (4)
O. retirugum DC. (4)
Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt 0–1000 m. WC, EC

imbricatum L. subsp. **nervatum** (DC.) Norl. var. **helichrysoides** (DC.) Norl.
O. helichrysoides DC. (4)
Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt? KZN, EC

imbricatum L. subsp. **nervatum** (DC.) Norl. var. **nervatum**
O. glaberrimum O.Hoffm. (4)
O. nervatum DC. (4)
Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt 0–1500 m. KZN, WC, EC

incanum Burm.f. = **Chrysanthemoides incana**

jucundum (E.Phillips) Norl. = **Dimorphotheca jucunda**

junceum P.J.Bergius
O. coriaceum DC. (4)
O. marginatum Spreng.f. (4)
Perennial. Suffrutex. Ht 1–3 m. Alt 300–1000 m. WC, EC

karrooicum (Bolus) Norl.
Tripteris integrifolia Dinter (4, 7)
Tripteris karrooica Bolus (4, 7)
Perennial. Shrub. Ht 0.15–1 m. Alt 600–1911 m. N, NC

lanceolatum DC.
Perennial. Shrub. Ht up to 1 m. Alt 500–2000 m. KZN

lancifolium Norl. = **O. pterigoideum**

lanosum (DC.) Compton & E.Phillips = **Chrysanthemoides incana**

lavandulaceum DC. = **O. bidens**

laxum DC. = **O. ciliatum**

leiocarpum DC. = **Euryops leiocarpus**

leptolobum (Harv.) Norl.
Tripteris leptoloba Harv. (4)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 500–1650 m. NW, FS, NC, WC, EC

marginatum Spreng.f. = **O. junceum**

marlothianum Muschl. ex Dinter = **Chrysanthemoides incana**

microcarpum (Harv.) Norl. subsp. *microcarpum* = **Tripteris microcarpa** subsp. **microcarpa**

microcarpum (Harv.) Norl. subsp. *septentrionale* (Norl.) Norl. = **Tripteris microcarpa** subsp. **septentrionalis**

microcarpum (Harv.) Norl. var. *septentrionale* Norl. = **Tripteris microcarpa** subsp. **septentrionalis**

microphyllum DC.
Perennial. Shrub. Ht 0.15–0.5 m. Alt 450–1524 m. B, NW?, NC, WC, EC

moniliferum L. = **Chrysanthemoides monilifera** subsp. **monilifera**

moniliferum L. forma *foliis-subintegris* Engl. = **Chrysanthemoides monilifera** subsp. **septentrionalis**

moniliferum L. var. *angustifolium* DC. = **Chrysanthemoides monilifera** subsp. **subcanescens**

moniliferum L. var. *lanosum* DC. in part = **Chrysanthemoides incana**

moniliferum L. var. *pisiferum* (L.) Harv. = **Chrysanthemoides monilifera** subsp. **pisifera**

moniliferum L. var. *rotundatum* (DC.) Harv. = **Chrysanthemoides monilifera** subsp. **rotundata**

montanum Klatt
O. calcareum Muschl. ex Dinter (7)
Perennial. Suffrutex. Ht 0.5–1 m. Alt 1500–2100 m. N

monticola Norl. = **O. thodei**

multicaule Norl. = **O. bolusii**

muricatum E.Mey. ex DC. subsp. **longiradiatum** Norl.
Perennial. Herb. Ht 0.4–0.6 m. Alt 1900–2350 m. N

muricatum E.Mey. ex DC. subsp. **muricatum**
Oligocarpus calendulaceus of author, not of Less.; Dinter, concept invalid (7)
O. hamiltoni S.Moore (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 364–1973 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

nervatum DC. = **O. imbricatum** subsp. **nervatum** var. **nervatum**

nervosum (Hutch.) Norl. = **Tripteris nervosa**

odoratum Klatt = **Tripteris microcarpa** subsp. **microcarpa**

oppositifolium (Aiton) Norl. = **Tripteris oppositifolia**

pachypteris DC. = **O. spinescens**

picridioides DC. = **Tripteris aghillana** var. **aghillana**

pinnatifidum Thunb. = **Garuleum pinnatifidum**

pinnatilobatum Norl. = **Tripteris pinnatilobata**

pinnatipartitum DC. = **Euryops pinnatipartitus**

pinnatum (Thunb.) Norl. var. **breve** Norl.
Annual. Herb. Ht/Length 0.12–0.3 m. Alt 90–1220 m. N, NC, WC

pinnatum (Thunb.) Norl. var. **pinnatum**
Acanthotheca pinnatisecta DC. (3)
Calendula pinnata Thunb. (4, 7)
Chrysanthemum lidbeckioides Less. (4)
Dimorphotheca pinnata (Thunb.) Harv. (4)
Annual. Herb. Length 0.15–0.25 m. Alt 90–1200 m. N, NC, WC

pisiferum L. = **Chrysanthemoides monilifera** subsp. **pisifera**

pisiferum L. var. *canescens* DC. = **Chrysanthemoides monilifera** subsp. **canescens**

plebeium DC. = **O. rigidum** var. **rigidum**

polycephalum (DC.) Norl. = **Tripteris polycephala**

polygaloides L. var. **latifolium** Norl.
Perennial. Shrub or suffrutex. Ht 0.2–0.6 m. Alt 300–828 m. WC

polygaloides L. var. **polygaloides**
Calendula rosmarinifolia Houtt. (4)
O. foveolatum DC. (4)
O. imbricatum Harv., not of L. (4)
Perennial. Shrub or suffrutex. Ht 0.2–0.6 m. Alt 0–1800 m. WC

psammophilum Klatt = **Dimorphotheca polyptera**

pterigoideum Klatt
O. decumbens Fourc. (4)
O. lancifolium Norl. (4)
Perennial. Suffrutex. Length up to 0.5 m. Alt 0–250 m. WC, EC

pterospermum E.Mey. ex DC. = **O. spinosum** var. **runcinatum**

pterospermum E.Mey. ex DC. forma *integrifolium* O.Hoffm. = **O. spinosum** var. **spinosum**

pulchrum Norl. = **Dimorphotheca acutifolia**

pungens Harv. = **O. ciliatum**

pyrifolium Norl.
Perennial. Suffrutex. Ht up to 0.1 m. Alt 112–610 m. WC

rangei Muschl. = **Chrysanthemoides incana**

retirugum DC. = **O. imbricatum** subsp. **imbricatum**

rigidum Aiton var. **elegans** (Bolus) Norl.
O. elegans Bolus (4)
Perennial. Shrub or suffrutex. Ht 0.32–0.6 m. Alt 100–1065 m. WC

rigidum Aiton var. **rigidum**
Calendula aspera Thunb. (4)
O. asperum (Thunb.) Less. (4)
O. plebeium DC. (4)
O. squarrosum Harv. (4)
O. subauritum DC. (4)
O. trigonospermum DC. (4)
Tripteris rogersii S.Moore (4)
Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 100–1525 m. WC

riparium O.Hoffm. = **Dimorphotheca fruticosa**

rosulatum Norl. = **Tripteris rosulata**

rotundatum DC. = **Chrysanthemoides monilifera** subsp. **rotundata**

rotundifolium (DC.) Norl.
O. corymbosum L. var. *rotundifolium* DC. in part (4)
Perennial. Shrub or suffrutex. Ht 1–2 m. Alt 100–1200 m. WC

scabrum Thunb. = **Gibbaria scabra**

scariosum DC. var. *integrifolium* (Harv.) Norl. = **Tripteris aghillana** var. **integrifolia**

scariosum DC. var. *scariosum* = **Tripteris aghillana** var. **aghillana**

sinuatum (DC.) Norl. var. *lineare* (Harv.) Norl. = **Tripteris sinuata** var. **linearis**

sinuatum (DC.) Norl. var. *sinuatum* = **Tripteris sinuata** var. **sinuata**

sonchifolium DC. = **Garuleum sonchifolium**

spathulatum (DC.) Norl. = **Tripteris spathulata**

spinescens Thunb.
O. pachypteris DC. (4)
O. tridens DC. (4)
O. tripteroideum DC. (4)
Tripteris concordiae Schltr. (4, 7)
Tripteris muschlerianus Dinter (4, 7)
Tripteris pachypteris (DC.) Harv. (4)
Tripteris spinescens (Thunb.) Harv. (4)
Perennial. Shrub. Ht 0.5–1 m. Alt 305–1800 m. N, NW, FS, NC, WC, EC

spinescens Willd. = **O. spinosum** var. **runcinatum**

spinigerum Norl. = **Tripteris spinigera**

spinosum L. var. *integrifolium* P.J.Bergius = **O. spinosum** L. var. **spinosum**

spinosum L. var. **runcinatum** P.J.Bergius
O. pterospermum E.Mey. ex DC. (4)
O. spinescens Willd. (4)
Perennial. Shrub. Ht 0.3–1 m. Alt 200–600 m. WC

spinosum L. var. **spinosum**
O. pterospermum E.Mey. ex DC. forma *integrifolium* O.Hoffm. (4)
O. spinosum L. var. *integrifolium* P.J.Bergius (4)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 15–600 m. WC

squarrosum Harv. = **O. rigidum** var. **rigidum**

striatum Burtt Davy
Dimorphotheca nervosa Hutch. (4)
Perennial. Herb. Ht 0.1–0.25 m. Alt 1000–2000 m. M

subauritum DC. = **O. rigidum** var. **rigidum**

subcanescens DC. = **Chrysanthemoides monilifera** subsp. **subcanescens**

subulatum DC.
Perennial. Shrub. Length 0.2–0.4 m. Alt 5–183 m. WC

tanacetifolium MacOwan = **Garuleum tanacetifolium**

tenuilobum DC. = **Euryops tenuilobus**

teretifolium Thunb. = **Pteronia teretifolia**

thodei Markötter
O. monticola Norl. (4)
Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 1800–2700 m. FS, KZN, L

tomentosum (L.f.) Norl. = **Tripteris tomentosa**

tridens DC. = **O. spinescens**

trigonospermum DC. = **O. rigidum** var. **rigidum**

tripteroideum DC. = **O. spinescens**

triquetrum L.f.
O. filiforme Thunb. (4)
Perennial. Suffrutex. Ht 0.1–0.6 m. Alt 275–728 m. WC

triquetrum L.f. var. *aciphyllum* (DC.) Harv. = **O. aciphyllum**

wallianum Norl. = **Dimorphotheca walliana**

zeyheri Spreng. ex DC. = **O. herbaceum**

OTHONNA L. 9420000

Compiled by P.P.J. Herman

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abrotanifolia (Harv.) Druce
Doria abrotanifolia Harv. (8)
Perennial. Shrub, succulent. Ht 0.45–1.5 m. Alt 800–1000 m. NC

abrotanifolia L. = **Euryops abrotanifolius**

aeonioides Dinter = **O. furcata**

alba Compton
Perennial. Geophyte, shrub, succulent. Ht up to 0.3 m. Alt 100–1220 m. WC

albicaulis Dinter = **Hertia pallens**

ambifaria S.Moore = **Emilia ambifaria**

amplexicaulis Thunb. = **O. parviflora**

amplexifolia DC.
O. perfoliata Jacq. (3)
Perennial. Geophyte, herb, climber, succulent. Length 0.1–0.6 m. Alt 50–1150 m. N, NC, WC

arborescens L.
Perennial. Shrub, succulent. Ht 0.3–0.9 m. Alt 2–305 m. WC

arbuscula (Thunb.) Sch.Bip.
Cacalia arbuscula Thunb. (2)
Doria arbuscula (Thunb.) DC. (2)
Perennial. Shrub, succulent. Ht 0.35–3 m. Alt 610–1500 m. NC

armiana Van Jaarsv.
Perennial. Dwarf shrub, succulent. Ht 0.03–0.9 m. Alt ± 900 m. NC

athanasiae L.f. = **Euryops speciosissimus**

auriculifolia Licht. ex Less.
O. cyanoglossa DC. (3)
O. lactucaefolia DC. (3)
O. picridioides DC. (3)
Perennial. Herb, geophyte, succulent. Ht 0.1–0.75 m. Alt 300–2000 m. FS, NC, WC, EC

avasimontana Dinter = **Lopholaena cneorifolia**

barkerae Compton = **O. osteospermoides**

bergeri Spreng. = **O. coronopifolia**

brachypoda DC. = **O. heterophylla**

brandbergensis B.Nord.
Perennial. Shrub. Ht 1–2 m. Alt 1850–2000 m. N

bulbosa L.
O. tuberosa Thunb. (13)
Perennial. Herb, geophyte, succulent. Ht 0.05–0.4 m. Alt 25–2250 m. NC, WC

burttii B.Nord.
Perennial. Dwarf shrub, succulent. Ht 0.12–0.2 m. Alt 1520–2910 m. KZN, L, EC

cacalioides L.f.
O. minima DC. (24, 30)
O. pillansii Hutch. (16, 24)
Perennial. Shrub, geophyte, succulent. Ht 0.02–0.08 m. Alt 750–920 m. WC

cakilifolia DC.
Perennial. Herb, geophyte, succulent. Ht 0.05–0.4 m. Alt 300–440 m. NC, WC

cakilifolia DC. var. *latifolia* DC. = **O. incisa**

capensis L.H.Bailey
O. crassifolia Harv. (22)
Perennial. Herb, succulent. Length 0.12–0.2 m. Alt 20–1220 m. EC

capillaris L.f. = **Gymnodiscus capillaris**

carnosa Less. var. **carnosa**
Cineraria cacalioides L.f. (3)
Perennial. Shrub, succulent. Ht 0.12–0.9 m. Alt 0–1740 m. L, WC, EC

carnosa Less. var. **discoidea** Oliv.
Perennial. Herb, succulent. Ht up to 0.6 m. Alt 0–100 m. KZN, EC

chromochaeta (DC.) Sch.Bip.
Doria chromochaeta DC. (2)
Perennial. Herb, geophyte, succulent. Ht up to 0.18 m. Alt 30–1050 m. NC

ciliata L.f.
Perennial. Suffrutex, succulent. Ht 0.2–0.4 m. Alt 180–500 m. WC

clavifolia Marloth
Perennial. Shrub, succulent. Ht up to 0.25 m. Alt? N, NC?

cneorifolia (DC.) Sch.Bip. = **Lopholaena cneorifolia**

coriifolia Sond. = **Lopholaena coriifolia**

coronopifolia L.
O. bergeri Spreng. (3)
Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 5–1219 m. NC, WC

crassicaulis Compton = **O. protecta**

crassifolia Harv. = **O. capensis**

cuneata DC.
Perennial. Herb, geophyte, succulent. Ht 0.1–0.25 m. Alt 90–1585 m. NC, WC

cyanoglossa DC. = **O. auriculifolia**

cyclophylla Merxm.
Perennial. Shrub, succulent. Ht 0.6–1 m. Alt ± 945 m. N, NC

cylindrica (Lam.) DC.
Cacalia cylindrica Lam. (3)
O. tenuissima Haw. (3)
Perennial. Shrub, succulent. Ht 0.15–1 m. Alt 0–1500 m. N, NC, WC, EC

cylindrica of author, not of (Lam.) DC.; F.Bolus, Bolus & Glover, concept invalid = **O. protecta**

dentata L.
Perennial. Shrub, succulent. Ht 0.2–0.9 m. Alt 2–450 m. WC

digitata L.
Doria digitata (L.) Less. (22)
Perennial. Herb, geophyte, succulent. Ht 0.2–0.4 m. Alt 20–1065 m. WC

dinteri Muschl. ex Dinter = **Hertia ciliata**

disticha N.E.Br. = **Lopholaena disticha**

divaricata Hutch.
Perennial. Shrub. Ht 1–1.25 m. Alt ± 150 m. NC

diversifolia (DC.) Sch.Bip.
Doria diversifolia DC. (2)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ± 900 m. NC

ericoides L.f. = **Euryops ericoides**

eriocarpa (DC.) Sch.Bip.
Doria eriocarpa DC. (2)
Perennial. Herb, succulent. Ht 0.12–0.2 m. Alt ± 640 m. WC?, EC

euphorbioides Hutch.
Perennial. Dwarf shrub, succulent. Ht 0.03–0.3 m. Alt 1000–1800 m. NC

filicaulis Jacq.
Perennial. Herb, geophyte, climber, succulent. Ht up to 0.4 m. Alt 60–500 m. N?, NC?, WC

floribunda of author, not of Schltr.; Range, concept invalid = **O. sparsiflora**

floribunda Schltr.
Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 1–1100 m. NC, WC

frutescens L.
Perennial. Suffrutex, succulent. Ht 0.25–0.4 m. Alt? WC

furcata (Lindl.) Druce
Ceradia furcata Lindl. (19, 21)
Doria ceradia Harv. (19, 21)
O. aeonioides Dinter (19, 21)
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 400–1035 m. N, NC

geifolia L. = **Cineraria geifolia**

glauca Klatt = **Emilia marlothiana**

grandidentata DC. = **O. pluridentata**

graveolens O.Hoffm.
Senecio cacteaeformis Klatt (19, 21)
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt ± 1450 m. N, NC

gymnodiscus (DC.) Sch.Bip.
Doria gymnodiscus DC. (2)
Perennial. Herb, geophyte, succulent. Ht 0.2–0.3 m. Alt 180–1550 m. WC, EC

hallii B.Nord.
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–0.25 m. Alt ± 815 m. NC, WC

hederifolia B.Nord.
Perennial. Herb, succulent. Ht 0.03–0.3 m. Alt 600–2000 m. NC, WC

herrei Pillans
Perennial. Dwarf shrub, succulent. Ht 0.2–0.8 m. Alt ± 300 m. NC

heterophylla L.f.
O. brachypoda DC. (3)
O. tuberosa DC. (3)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 35–1200 m. NC, WC

humilis Schltr.
Perennial. Suffrutex. Ht 0.05–0.08 m. Alt 1220–2150 m. WC

imbricata Thunb. = **Euryops imbricatus**

incisa Harv.
O. cakilifolia DC. var. *latifolia* DC. (3)
Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 250–1220 m. NC

intermedia Compton
Perennial. Herb, geophyte, succulent. Ht up to 0.6 m. Alt? WC

lactucaefolia DC. = **O. auriculifolia**

lamulosa Schinz = **O. lasiocarpa**

lasiocarpa (DC.) Sch.Bip.
Doria lasiocarpa DC. (19, 21)
O. lamulosa Schinz (19, 21)
O. litoralis Dinter (19, 21)
O. retrofracta, not of Jacq.; F.Bolus, Bolus & Glover (21)
O. schaeferi Muschl. ex Dinter (19, 21)
O. surculosa Muschl. ex Dinter (19, 21)
Perennial. Shrub, succulent. Ht 0.02–1 m. Alt 0–400 m. N, NC

lateriflora L.f. = **Euryops lateriflorus**

lepidocaulis Schltr.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.25 m. Alt ± 600 m. NC, WC

leptodactyla Harv.
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 150–765 m. NC, WC

linearifolia (DC.) Sch.Bip.
Doria linearifolia DC. (2)
Perennial. Herb, geophyte. Ht? Alt? 'CP'

lingua (Less.) Sch.Bip.
Doria lingua Less. (2)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 30–1220 m. NC, WC

linifolia Burm.f., illegitimate name = **Euryops tenuissimus** subsp. **tenuissimus**

linifolia L. = **Euryops linifolius**

linifolia L.f. = **O. stenophylla**

litoralis Dinter = **O. lasiocarpa**

lobata Schltr.
Perennial. Shrub, succulent. Ht 0.3–0.5 m. Alt 210–2000 m. N, NC, WC, EC?

lyrata DC.
Perennial. Herb. Ht 0.2–0.6 m. Alt 90–245 m. WC

macrocephala Muschl. ex Dinter = **Hertia ciliata**

macrophylla DC.
Perennial. Herb, succulent. Ht 0.3–0.6 m. Alt 190–610 m. NC

macrosperma DC.
Perennial. Shrub, succulent. Ht? Alt? WC

membranifolia DC.
Perennial. Suffrutex. Ht up to 0.9 m. Alt ± 30 m. EC

minima DC. = **O. cacalioides**

mucronata Harv.
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 450–1100 m. WC

multicaulis Harv.
Perennial. Suffrutex, succulent. Ht 0.15–0.9 m. Alt 10–1675 m. WC

multifida Thunb. = **Euryops multifidus**

munita L.f. = **Euryops munitus**

muschleriana Dinter = **Hertia pallens**

natalensis Sch.Bip.
O. scapigera Harv. (27)
Perennial. Herb, succulent. Ht 0.2–0.6 m. Alt 0–2700 m. LIM, G, M, S, FS, KZN, L, EC

obtusiloba Harv.
Perennial. Suffrutex, succulent. Ht 0.2–0.6 m. Alt 90–765 m. NC, WC

oleracea Compton
Perennial. Herb, geophyte, succulent. Ht 0.15–0.3 m. Alt 300–1145 m. WC

opima Merxm.
Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.3–0.9 m. Alt 90–610 m. N, NC

osteospermoides DC.
O. barkerae Compton (30)
Perennial. Shrub, succulent. Ht 0.5–1.5 m. Alt 335–1600 m. WC

ovalifolia Hutch.
Perennial. Herb, geophyte. Ht ± 0.18 m. Alt? NC

pachypoda Hutch.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.6 m. Alt? NC, WC

pallens DC. = **Hertia pallens**

papaveroides Hutch.
Perennial. Herb, geophyte, succulent. Ht ± 0.35 m. Alt 300–610 m. WC

papillosa Dinter = **O. sedifolia**

parviflora L. = **O. quinquedentata**

parviflora P.J.Bergius
O. amplexicaulis Thunb. (31)
O. rigens (L.) Levyns (31)
Perennial. Shrub, succulent. Ht 0.6–2.5 m. Alt 3–1850 m. NC, WC, EC

patula Schltr.
Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.1–0.2 m. Alt 1200–2045 m. EC

pavelkae Lavranos
Perennial. Dwarf shrub, succulent. Ht 0.8–1.2 m. Alt ± 900 m. NC

pavonia E.Mey.
Perennial. Shrub, succulent. Ht 0.3–1.8 m. Alt 90–1530 m. NC, WC, EC

pectinata L. = **Euryops pectinatus** subsp. **pectinatus**

perfoliata Jacq. = **O. amplexifolia**

perfoliata Thunb.
Doria perfoliata (Thunb.) DC. (2)

Perennial. Herb, geophyte, succulent. Ht 0.3–0.9 m. Alt 0–1030 m. NC, WC

petiolaris DC.
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 200–700 m. WC

picridioides DC. = **O. auriculifolia**

pillansii Hutch. = **O. cacalioides**

pinnata L.f.
Perennial. Herb, geophyte, succulent. Ht 0.15–0.5 m. Alt 30–1065 m. WC

pinnatifida Thunb. = **Cineraria othonnoides**

pinnatilobata Sch.Bip. = **O. retrofracta**

pluridentata DC.
O. grandidentata DC. (3)
Perennial. Suffrutex. Ht? Alt? WC

polycephala Klatt = **Emilia ambifaria**

primulina DC.
Perennial. Dwarf shrub, succulent. Ht? Alt? 'CP'

protecta Dinter
O. crassicaulis Compton (19, 21)
O. cylindrica of author, not of (Lam.) DC.; F.Bolus, Bolus & Glover, concept invalid (21)
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–0.3 m. Alt 560–1800 m. N, FS, NC, WC

pteronioides Harv.
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 300–1005 m. NC, WC

purpurascens Harv.
Perennial. Shrub, succulent. Ht ± 0.2 m. Alt? 'CP' (3)

pusilla Dinter = **Senecio sulcicalyx**

pygmaea Compton
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–0.5 m. Alt 500–765 m. NC, WC

quercifolia DC.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ± 1000 m. WC

quinquedentata Thunb.
O. parviflora L. (22)
O. subumbellata DC. (3)
Perennial. Shrub, succulent. Ht 0.9–4 m. Alt 10–1320 m. WC, EC

quinqueradiata DC.
Perennial. Suffrutex, succulent. Ht ± 0.5 m. Alt? WC

ramulosa DC.
Perennial. Shrub, succulent. Ht 0.6–2 m. Alt 760–1400 m. WC

rechingeri B.Nord.
Perennial. Herb, geophyte, succulent. Ht 0.1–0.3 m. Alt ± 670 m. NC

reticulata DC.
Perennial. Herb. Ht 0.3–0.6 m. Alt? WC

retrofracta Jacq.
Doria carnosa DC. (36)
O. pinnatilobata Sch.Bip. (36)
Perennial. Dwarf shrub or herb, succulent. Ht 0.075–0.4 m. Alt? N, NC, WC

retrofracta F.Bolus, Bolus & Glover = **O. lasiocarpa**

retrorsa DC. var. **retrorsa**
Perennial. Herb or dwarf shrub, geophyte, succulent. Ht 0.05–0.35 m. Alt 640–1160 m. NC

retrorsa DC. var. **spektakelensis** (Compton) G.D.Rowley
O. spektakelensis Compton (33)
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 1060–1160 m. NC

rhopalophylla Dinter = **Senecio aloides**

rigens (L.) Levyns = **O. parviflora**

rosea Harv.
Perennial. Herb, succulent. Ht? Alt? NC

rosea Klatt = **Emilia ambifaria**

rotundifolia DC.
Perennial. Herb. Ht 0.3–0.4 m. Alt ± 90 m. NC

rufibarbis Harv.
Perennial. Herb, geophyte, succulent. Ht 0.3–0.4 m. Alt 6–1630 m. WC, EC

scapigera Harv. = **O. natalensis**

schaeferi Muschl. ex Dinter = **O. lasiocarpa**

schlechteriana Dinter = **Euryops asparagoides**

sedifolia DC.
Euryops schenkii O.Hoffm. (19, 21)
O. papillosa Dinter (19, 21)
Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.075–0.6 m. Alt 5–1175 m. N, NC, WC

sonchifolia DC.
Perennial. Herb, succulent. Ht ± 0.12 m. Alt ± 460 m. WC

sparsiflora (S.Moore) B.Nord.
Euryops sparsiflorus S.Moore (17, 19)
O. floribunda of author, not of Schltr.; Range, concept invalid (17, 19)
Perennial. Dwarf shrub, succulent. Ht 0.3–0.6 m. Alt? N

spektakelensis Compton = **O. retrorsa** var. **spektakelensis**

spinescens DC.
Perennial. Shrub. Ht? Alt? NC

stenophylla Levyns
O. linifolia L.f. (13)
Perennial. Herb, geophyte, succulent. Ht 0.2–0.5 m. Alt 18–162 m. WC

subumbellata DC. = **O. quinquedentata**

sulcata Thunb. = **Euryops sulcatus**

surculosa Muschl. ex Dinter = **O. lasiocarpa**

tagetes L. = **Steirodiscus tagetes**

tenuissima Haw. = **O. cylindrica**

tenuissima L. = **Euryops tenuissimus** subsp. **tenuissimus**

tephrosioides Sond.
Perennial. Herb. Ht 0.3–0.45 m. Alt? WC

tomentosa Salisb., illegitimate name = **Euryops pectinatus** subsp. **pectinatus**

trifida L.f. = **Euryops trifidus**

trifurcata L.f. = **Euryops tenuissimus** subsp. **trifurcatus**

trinervia DC.
Perennial. Shrub. Ht? Alt? 'CP' (3)

triplinervia DC.
Perennial. Shrub, succulent. Ht 0.6–2.4 m. Alt 120–800 m. EC

tuberosa DC. = **O. heterophylla**

tuberosa Thunb. = **O. bulbosa**

umbelliformis DC.
Perennial. Herb or suffrutex. Ht up to 0.3 m. Alt? WC

uniflora Savigny = **Euryops abrotanifolius**

viminea E.Mey.
Perennial. Shrub or suffrutex. Ht? Alt? WC

virginea L.f. = **Euryops virgineus**

zeyheri Sond.
Perennial. Herb. Ht ± 0.1 m. Alt? 'SA' (3)

OTOCHLAMYS DC. 9350000

eckloniana DC. = **Cotula eckloniana**

pedunculata Schltr. = **Cotula pedunculata**

OXYLAENA Benth. ex Anderb. 9049010

Compiled by P.P.J. Herman

(1) Bentham. 1876. *Hooker's Icones Plantarum* 12: 9, t. 1109.
(2) Anderberg. 1991. *Opera Botanica* 104: 53.

acicularis (Benth.) Anderb.
Anaglypha acicularis Benth. (2)
Perennial. Shrub. Ht up to 0.5 m. Alt 0–50 m. WC

*PARTHENIUM L. 9138000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 294–295.

hysterophorus L.
Annual. Herb. Ht up to 0.6 m. Alt 152–305 m. M, S, KZN

PECHUEL-LOESCHEA O.Hoffm. 8943000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 135.
(2) Wild. 1969. *Kirkia* 7: 133, 134.

leubnitziae (Kuntze) O.Hoffm.
Pluchea leubnitziae (Kuntze) N.E.Br. (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 90–1340 m. N, B, LIM, M, S, NC

PEGOLETTIA Cass. 9073000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 122, 123.
(2) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 395, 396.
(3) Merxmüller. 1967. *FSWA* 139: 135–138.
(4) Anderberg. 1985. *Nordic Journal of Botany* 5: 57–59.
(5) Anderberg. 1986. *Cladistics* 2: 158–186.

acuminata DC. = **P. retrofracta**

acuminata of author, not of DC., concept invalid = **P. plumosa**

arenicola Dinter ex Range = **Amellus flosculosus**

baccaridifolia Less.
Carphopappus baccaridifolius (Less.) Sch.Bip. (5)
Iphiona baccaridifolia (Less.) Benth. & Hook.f. ex Dinter (3, 5)
Perennial. Shrub. Ht 0.25–1 m. Alt 0–500 m. N, WC, EC

dentata Bolus = **Anisothrix kuntzei**

gariepina Anderb.
Perennial. Shrub. Ht 0.2–1 m. Alt up to 1400 m. N, NC

lanceolata Harv.
Bojeria lanceolata (Harv.) Benth. ex B.D.Jacks. (5)
Inula lanceolata (Harv.) O.Hoffm. ex Burtt Davy & Pott-Leendertz (5)
Vernonia collina Klatt (5)
Perennial. Herb. Ht up to 0.4 m. Alt 1000–2500 m. M, S

oxyodonta DC.
Perennial. Herb or subshrub. Ht 0.22–1 m. Alt 275–1850 m. N, NC

pinnatilobata (Klatt) O.Hoffm. ex Dinter
Fresenia pinnatilobata Klatt (3, 5)
Perennial. Subshrub. Length up to 0.15 m. Alt 1600–2000 m. N

plumosa M.D.Hend.
P. acuminata of author, not of DC., concept invalid (3, 5)
Perennial. Dwarf shrub. Ht up to 1 m. Alt 1000–1500 m. N

polygalaefolia Less. = **P. retrofracta**

retrofracta (Thunb.) Kies
Eupatorium retrofractum Thunb. (3, 5)
Fresenia foliosa Klatt (3, 5)
Iphiona acuminata (DC.) Benth. ex B.D.Jacks. (5)
Iphiona retrofracta (Thunb.) Druce (3, 5)
P. acuminata DC. (5)
P. polygalaefolia Less. (3, 5)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 305–2336 m. N, B, LIM, NW, FS, L, NC, WC, EC

senegalensis Cass.
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN

tenella DC. = **Vernonia galpinii**

tenuifolia Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1000–1250 m. LIM

*PENTANEMA Cass. 9061060

Compiled by P.P.J. Herman

(1) Rechinger. 1980. *Flora Iranica* 145: 96–105.
(2) Tadesse. 1995. *Kew Bulletin* 50: 401–408.
(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 314.

indicum (L.) Y.Ling
Conyza kotschyi (Sch.Bip. ex Schweinf. & Asch.) Schweinf. & Asch. (2)
Inula indica L. (1, 2)
Vicoa auriculata Cass. (1, 2)
Annual. Herb. Ht 0.4–1 m. Alt 200–1200 m. NW

PENTATRICHIA Klatt 9061010

Compiled by P.P.J. Herman

(1) Moore. 1917. *Journal of Botany, London* 55: 106.
(2) Merxmüller. 1950. *Mitteilungen der Botanischen Staatssammlung München* 1,2: 43, 44.
(3) Merxmüller. 1954. *Mitteilungen der Botanischen Staatssammlung München* 1,9,10: 436–442.
(4) Merxmüller. 1967. *FSWA* 139: 138, 139.

alata S.Moore
Philyrophyllum alatum Burtt Davy (3)
Pulicaria alata E.Phillips (3)
Perennial. Shrub. Ht up to 1 m. Alt 1000–1936 m. LIM, M

avasmontana Merxm.
P. confertifolia Merxm. (4)
Pulicaria confertifolia Klatt ex Merxm. (4)
Tetratrichia avasmontana Dinter ex Merxm. (4)
Perennial. Shrub. Ht 0.3–0.75 m. Alt? N

confertifolia Merxm. = **P. avasmontana**

petrosa Klatt
Inula petrosa Klatt ex Range (3, 4)
Perennial. Shrub. Ht 0.5–3 m. Alt 660–2150 m. N, NC

rehmii (Merxm.) Merxm.
Inula rehmii Merxm. (3, 4)
Perennial. Shrub. Ht? Alt? N

PENTHERIELLA O.Hoffm. 8931010

krookii O.Hoffm. & Muschl. = **Heteromma krookii**

PENTZIA Thunb. 9366000

Compiled by P.P.J. Herman

(1) Burchell. 1822. *Travels in the interior of southern Africa*: 400.
(2) Harvey. 1865. *FC* 3: 171–174.
(3) Moore. 1904. *Bulletin de l'Herbier Boissier* ser. 2, 4: 1020, 1021.
(4) Hutchinson. 1916. *Kew Bulletin* 1916: 241–254.
(5) Hutchinson. 1917. *Annals of the South African Museum* 9: 390–394.
(6) Kies. 1945. *Journal of South African Botany* 11: 118–122.
(7) Merxmüller & Eberle. 1957. *Mitteilungen der Botanischen Staatssammlung München* 2,17,18: 334.
(8) Merxmüller. 1967. *FSWA* 139: 139–146.
(9) Nordenstam. 1967. *Botaniska Notiser* 120: 199–201.
(10) Nordenstam. 1987. *Botanische Jahrbücher* 108: 195–199.
(11) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 299–306.

acutiloba (DC.) Hutch. = **Myxopappus acutilobus**

albida (DC.) Hutch. = **Foveolina dichotoma**

annua DC. = **Foveolina dichotoma**

argentea Hutch.
P. quinquefida of author, not of Less.; Dinter, concept invalid (8)
Perennial. Shrub. Ht 0.3–0.75 m. Alt 60–1405 m. N, NC

athanasioides S.Moore = **Phymaspermum athanasioides**

bolusii Hutch.
Perennial. Shrub or suffrutex. Ht up to 0.3 m. Alt? WC

burchellii (DC.) Fenzl = **P. punctata**

calcarea Kies
P. cooperi of author, not of Harv.; Dinter, concept invalid (8)
Perennial. Shrub or suffrutex. Ht 0.12–0.7 m. Alt 230–1432 m. N, B, LIM, NW, G, FS, NC

calva S.Moore
P. microcephala Dinter ex Range (8)
Perennial. Shrub or dwarf shrub. Ht 0.07–0.6 m. Alt 1060–2100 m. N, B

caudiculata Thell. = **P. pinnatisecta**

cinerascens DC. = **P. sphaerocephala**

cooperi Harv.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 1000–3320 m. G, M, FS, KZN, L, EC

cooperi of author, not of Harv.; Dinter, concept invalid = **P. calcarea**

dentata (L.) Kuntze
Gnaphalium dentatum L. (4)
P. flabelliformis Willd. (4)
Perennial. Shrub. Ht 0.3–2 m. Alt 120–3020 m. NC, WC, EC

dichotoma DC. = **Foveolina dichotoma**

eenii S.Moore = **Rennera eenii**

elegans DC.
Perennial. Shrub. Ht 0.5–2 m. Alt 550–1500 m. NC?, WC

flabelliformis Willd. = **P. dentata**

galpinii Hutch. = **Myxopappus hereroensis**

globifera Licht. ex Less. = **P. globosa**

globifera (Thunb.) Hutch. = **Oncosiphon piluliferum**

globosa Less.
P. globifera Licht. ex Less. (4)
Perennial. Shrub. Ht 0.1–0.7 m. Alt 550–1830 m. NW, G, FS, L, NC, WC, EC

grandiflora (Thunb.) Hutch. = **Oncosiphon grandiflorum**

grisea Muschl. ex Dinter = **P. sphaerocephala**

hereroensis O.Hoffm. = **Myxopappus hereroensis**

incana (Thunb.) Kuntze
Chrysanthemum incanum Thunb. (4)
P. virgata Less. (4)
Perennial. Shrub. Ht 0.15–1 m. Alt 25–1600 m. N, B, NW, FS, NC, WC, EC

integrifolia Muschl. ex Dinter = **P. monocephala**

intermedia Hutch. = **Oncosiphon intermedium**

lanata Hutch.
Perennial. Shrub. Ht 0.2–1 m. Alt 120–1500 m. N, B, LIM, NW, G, FS, NC, WC, EC

laxa Bremek. & Oberm. = **Rennera laxa**

macrocephala Dinter ex Merxm. & Eberle = **P. spinescens**

membranacea Hutch. = **Foveolina albidiformis**

microcephala Dinter ex Range = **P. calva**

monocephala S.Moore
P. integrifolia Muschl. ex Dinter (8)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 1460–1850 m. N, NW, G

nana Burch.
P. quinquefida (Thunb.) Less. var. *nana* (Burch.) Harv. (4)
Perennial. Shrub or suffrutex. Ht? Alt? NC

peduncularis B.Nord.
Perennial. Suffrutex. Ht 0.2–1 m. Alt 0–750 m. NC, WC

pilulifera (L.f.) Fourc. = **Oncosiphon piluliferum**

pinnatifida Oliv. = **Phymaspermum pinnatifidum**

pinnatisecta Hutch.
P. caudiculata Thell. (8)
Perennial. Shrub. Ht 0.2–1 m. Alt 765–1500 m. N, B, FS, NC

punctata Harv.
P. burchellii (DC.) Fenzl (4)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 245–1920 m. FS, NC, WC, EC

quinquefida of author, not of Less.; Dinter, concept invalid = **P. argentea**

quinquefida (Thunb.) Less.
Cotula quinquefida Thunb. (4)
Perennial. Shrub. Ht 0.22–0.75 m. Alt 1000–1730 m. FS, NC, WC, EC

quinquefida (Thunb.) Less. var. *nana* (Burch.) Harv. = **P. nana**

sabulosa (Wolley-Dod) Hutch. = **Oncosiphon sabulosum**

schinziana (Thell.) Merxm. & Eberle = **Foveolina schinziana**

sphaerocephala DC.

P. cinerascens DC. (4)
P. grisea Muschl. ex Dinter (8)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 320–1525 m. N, FS, NC, WC, EC

spinescens Less.
P. macrocephala Dinter ex Merxm. & Eberle (8)
Perennial. Shrub. Ht 0.25–0.6 m. Alt 910–1435 m. N, FS, NC, WC

stenocephala Thell. = **Phymaspermum acerosum**

suffruticosa (L.) Hutch. ex Merxm. = **Oncosiphon suffruticosum**

tanacetifolia (L.) Hutch. = **Oncosiphon suffruticosum**

tomentosa B.Nord.
Perennial. Shrub. Ht 1–1.5 m. Alt 1800–2500 m. N

tortuosa (DC.) Fenzl ex Harv.
Tanacetum tortuosum DC. (4)
Perennial. Dwarf shrub. Ht 0.075–0.3 m. Alt 914–2450 m. L, NC, EC

tysonii Thell. = **Phymaspermum woodii**

virgata Less. = **P. incana**

viridis Kies
Perennial. Suffrutex or shrub. Ht 0.15–0.5 m. Alt 1100–1405 m. NW, FS, NC, EC

woodii Thell. = **Phymaspermum woodii**

PERDICIUM L. 9528020

Compiled by N. Netnou

(1) Hansen. 1985. *Nordic Journal of Botany* 5: 543–546.

capense L.
Gerbera taraxaci (Vahl) Schltr. (1)
P. semiflosculare L. (1)
P. taraxaci Vahl (1)
Perennial. Herb. Ht? Alt? WC

leiocarpum DC.
Gerbera leiocarpa (DC.) Schltr. (1)
Perennial. Herb. Ht? Alt? WC

nervosum Thunb. = **Haplocarpha nervosa**

semiflosculare L. = **P. capense**

taraxaci Vahl = **P. capense**

PEROTRICHE Cass. 9038000

microphylla Sch.Bip. = **Stoebe schultzii**

PETALACTE D.Don 8995000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 288.
(2) Lundgren. 1974. *Botaniska Notiser* 127: 119–124.

canescens DC. = **Langebergia canescens**

coronata (L.) D.Don
Gnaphalium coronatum L. (1, 2)
Perennial. Shrub. Ht 0.12–0.9 m. Alt 15–1400 m. NC, WC

epaleata Hilliard & B.L.Burtt = **Anderbergia epaleata**

vlokii Hilliard = **Anderbergia vlokii**

PETALACTELLA N.E.Br. 8996000

woodii N.E.Br. = **Trichogyne decumbens**

PEYROUSEA DC. 9365000

argentea Compton = **Schistostephium umbellatum**

calycina DC. = **Schistostephium umbellatum**

oxylepis DC. = **Schistostephium umbellatum**

umbellata (L.f.) Fourc. = **Schistostephium umbellatum**

PHAENOCOMA D.Don 8997000

Compiled by M. Koekemoer

(1) Harvey. 1865. *FC* 3: 44–530.
(2) Letty. 1930. *The Flowering Plants of South Africa* 10: t. 388.

prolifera (L.) D.Don
Xeranthemum proliferum L. (1)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–1500 m. WC

PHAEOCEPHALUS S.Moore 9325000

gnidioides S.Moore = **Hymenolepis gnidioides**

PHANEROGLOSSA B.Nord. 9411040

Compiled by P.P.J. Herman

(1) Oliver. 1884. *Hooker's Icones Plantarum* 15: 44, 45, t. 1456.
(2) Nordenstam. 1978. *Opera Botanica* 44: 66–68.

bolusii (Oliv.) B.Nord.
Senecio bolusii Oliv. (2)
Perennial. Suffrutex, succulent. Ht up to 0.6 m. Alt 300–1675 m. NC?, WC

PHILYROPHYLLUM O.Hoffm. 9083000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 146, 147.
(2) Wild. 1980. *Kirkia* 12: 51, 52.
(3) Herman. 2003. *Bothalia* 33: 118–120.

alatum Burtt Davy = **Pentatrichia alata**

brandbergense P.P.J.Herman
Perennial. Suffrutex. Ht 0.4–0.6 m. Alt up to 2000 m. N

schinzii O.Hoffm.
Perennial. Herb. Ht 0.25–2 m. Alt 425–1780 m. N, B, LIM, NW

PHYMASPERMUM Less. emended Källersjö 9336000

Compiled by P.P.J. Herman

(1) Kuntze. 1898. *Revisio generum plantarum* 3,11: 167.
(2) Thellung. 1923. *Mitteilungen aus dem Botanischen Museum der Universität Zürich* 102: 446–448.
(3) Hilliard. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 330, 331.
(4) Hilliard. 1977. *Compositae in Natal*: 333–343.
(5) Källersjö. 1985. *Nordic Journal of Botany* 5: 535–538.
(6) Brusse. 1989. *Bothalia* 19: 29–31.

acerosum (DC.) Källersjö
Athanasia acerosa (DC.) Harv. (5)
Athanasia natalensis Schltr. (4)
Morysia acerosa DC. (5)
Pentzia stenocephala Thell. (4)
Perennial. Shrub. Ht 0.22–2 m. Alt 90–2200 m. M, S, FS, KZN, L, EC

aciculare (E.Mey. ex Harv.) Benth. & Hook. ex B.D. Jacks.
Iocaste acicularis E.Mey. ex Harv. (5)
Perennial. Shrub. Ht up to 0.9 m. Alt 655–2100 m. N, NW, FS, NC, WC, EC

appressum Bolus
Perennial. Shrub. Ht 0.4–1.2 m. Alt 732–1500 m. WC

argenteum Brusse

Perennial. Suffrutex. Ht 0.75–0.85 m. Alt up to 2072 m. LIM, S

athanasioides (S.Moore) Källersjö
Brachymeris athanasioides (S.Moore) Hutch. (5)
Pentzia athanasioides S.Moore (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 1520–1980 m. LIM, NW, G, M, S, FS

bolusii (Hutch.) Källersjö
Brachymeris bolusii Hutch. (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 910–1850 m. LIM, M, S, FS

equisetoides Thell.
Perennial. Suffrutex. Ht up to 0.3 m. Alt? L

erubescens (Hutch.) Källersjö
Brachymeris erubescens Hutch. (5)
Perennial. Dwarf shrub or herb. Ht 0.3–0.6 m. Alt 460–1065 m. EC

junceum Less.
Perennial. Suffrutex. Ht 0.5–1 m. Alt 600–800 m. WC

leptophyllum (DC.) Benth. & Hook. ex B.D.Jacks.
Adenachaena leptophylla DC. (5)
Perennial. Shrub. Ht 0.6–1.6 m. Alt 500–600 m. WC

montanum (Hutch.) Källersjö
Brachymeris montana Hutch. (5)
Perennial. Shrub. Ht 0.15–1.5 m. Alt 1210–1950 m. LIM, NW, G, M

parvifolium (DC.) Benth. & Hook. ex B.D.Jacks.
Adenachaena parvifolia DC. (5)
Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 155–1890 m. FS, NC, WC, EC

peglerae (Hutch.) Källersjö
Brachymeris peglerae Hutch. (5)
Perennial. Shrub. Ht 0.6–0.75 m. Alt 500–1000 m. EC

pinnatifidum (Oliv.) Källersjö
Athanasia pinnatifida (Oliv.) Hilliard (5)
Pentzia pinnatifida Oliv. (5)
Perennial. Herb. Ht 0.25–0.8 m. Alt 610–945 m. KZN

pubescens Kuntze
Perennial. Shrub. Ht 0.15–0.9 m. Alt 1200–1525 m. NC, WC, EC

schroeteri Compton
Perennial. Shrub. Ht 0.3–1.2 m. Alt 1000–1740 m. NC, WC

scoparium (DC.) Källersjö
Brachymeris scoparia DC. (5)
Perennial. Shrub. Ht 0.6–0.9 m. Alt 1000–1640 m. NC, EC

villosum (Hilliard) Källersjö
Athanasia villosa Hilliard (5)
Perennial. Herb. Ht up to 0.5 m. Alt 600–1370 m. KZN, EC

woodii (Thell.) Källersjö
Athanasia woodii (Thell.) Hilliard (5)
Pentzia tysonii Thell. (4)
Pentzia woodii Thell. (5)
Perennial. Herb. Ht up to 0.5 m. Alt 1140–2745 m. M, KZN, L, EC

*PICRIS L. 9575000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 604–606.

echioides L.
Annual, occ. perennial. Herb. Ht up to 1 m. Alt 300–1400 m. NW, G, FS, KZN, WC, EC

hieracioides L.
Biennial or perennial. Herb. Ht up to 2 m. Alt 500–1000 m. KZN

PILOSELLOIDES C.Jeffrey 9528010

cordata (Thunb.) C.Jeffrey = **Gerbera cordata**

hirsuta (Forssk.) C.Jeffrey = **Gerbera piloselloides**

PLANEA P.O.Karis 9043030

Compiled by M. Koekemoer

(1) Karis. 1990. *Journal of the Linnean Society, Botany* 102: 23–36.

schlechteri (L.Bolus) P.O.Karis
Metalasia schlechteri L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 700–1000 m. WC

PLATYCARPHA Less. 9441000

Compiled by E. Retief

(1) Harvey & Sonder. 1865. *FC* 3: 54.
(2) Oliver & Hiern. 1877. *FTA* 3: 429–430.
(3) Moore. 1903. *Journal of Botany, London* 41: 136, 137.
(4) Retief & Herman. 1997. *Strelitzia* 6: 330.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 352.

carlinoides Oliv. & Hiern
Perennial. Herb, acaulescent. Spread up to 0.4 m. Alt 700–1645 m. N, B, FS, NC

glomerata (Thunb.) Less.
Cynara glomerata Thunb. (1)
Stobaea glomerata (Thunb.) Spreng. (1)
Perennial. Herb, acaulescent. Spread up to 0.6 m. Alt 5–460 m. KZN, EC

parvifolia S.Moore
Perennial. Herb, acaulescent. Spread up to 0.08 m. Alt 1200–1500 m. NW, M, FS

PLECOSTACHYS Hilliard & B.L.Burtt 8992040

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 49–51.

polifolia (Thunb.) Hilliard & B.L.Burtt
Gnaphalium dodii Levyns (1)
Gnaphalium polifolium Thunb. (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. var. *polifolium* (Thunb.) DC. (1)
Perennial. Dwarf shrub. Ht 0.3–1.06 m. Alt 90–1525 m. S, KZN, WC, EC

serpyllifolia (P.J.Bergius) Hilliard & B.L.Burtt
Gnaphalium orbiculare Thunb. (1)
Gnaphalium serpyllifolium P.J.Bergius (1)
Helichrysum orbiculare (Thunb.) Druce (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. var. *orbiculare* (Thunb.) DC. (1)
Perennial. Dwarf shrub. Ht 0.25–1.21 m. Alt 5–1524 m. KZN, WC, EC

PLEIOTAXIS Steetz 9499000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 148.
(2) Wild. 1972. *Kirkia* 8: 200.
(3) Pope. 1992. *FZ* 6,1: 16, 17.

antunesii O.Hoffm.
Vernonia schoenfelderiana Dinter ex Merxm. (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt? N

eximia O.Hoffm. subsp. **eximia**
Perennial. Herb. Ht 0.15–1.3 m. Alt? B

PLUCHEA Cass. 8941000

Compiled by P.P.J. Herman

(1) Oliver & Hiern. 1877. *FTA* 3: 327–330.
(2) Mattfeld. 1922. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 8: 177.
(3) Merxmüller. 1967. *FSWA* 139: 149.
(4) Hilliard. 1977. *Compositae in Natal*: 116, 117.
(5) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 374.
(6) Anderberg. 1991. *Plant Systematics and Evolution* 176: 164–166.
(7) King-Jones. 2001. *Englera* 23: 1–136.

bojeri (DC.) Humbert
P. integrifolia Mattf. (7)
Perennial. Shrub or herb. Ht 0.45–3.5 m. Alt 10–1310 m. N, B, LIM, M, S, KZN

integrifolia Mattf. = **P. bojeri**

leubnitziae (Kuntze) N.E.Br. = **Pechuel-Loeschea leubnitziae**

lycioides (Hiern) Merxm.
Psiadia lycioides Hiern (3, 7)
Perennial. Shrub. Ht up to 1.5 m. Alt? N

nitens O.Hoffm. = **Nicolasia nitens** var. **nitens**

ovalis (Pers.) DC.
Baccharis ovalis Pers. (1, 5, 7)
Perennial. Shrub. Ht 1–2 m. Alt up to 1000 m. N

scabrida DC. = **Conyza scabrida**

POECILOLEPIS Grau 8919020

Compiled by P.P.J. Herman

(1) Grau. 1977. *Mitteilungen der Botanischen Staatssammlung München* 13: 243–254.
(2) Herman *et al.* 1997. *List of southern African succulent plants*: 40.

ficoidea (DC.) Grau
Aster ficoideus (DC.) Harv. (1)
Felicia ficoidea DC. (1)
Annual, occ. perennial. Herb, succulent. Ht up to 0.21 m. Alt 1–10 m. WC, EC

maritima (Bolus) Grau
Felicia maritima Bolus (1)
Annual, occ. perennial. Herb. Ht up to 0.2 m. Alt 0–10 m. WC

POLYARRHENA Cass. 8919010

Compiled by P.P.J. Herman

(1) Grau. 1970. *Mitteilungen der Botanischen Staatssammlung München* 7: 347–368.

imbricata (DC.) Grau
Aster imbricatus (DC.) Harv. (1)
Aster worcesterensis Kuntze (1)
Felicia imbricata DC. (1)
Perennial. Dwarf shrub. Ht 0.13–0.2 m. Alt 1200–2000 m. WC

prostrata Grau subsp. **dentata** Grau
Perennial. Dwarf shrub. Length up to 0.4 m. Alt? WC

prostrata Grau subsp. **prostrata**
Perennial. Dwarf shrub. Length up to 0.4 m. Alt 300–1400 m. WC

reflexa (L.) Cass. subsp. **brachyphylla** (Sond. ex Harv.) Grau
Aster reflexus L. var. *brachyphyllus* Sond. ex Harv. (1)
Perennial. Shrub. Ht up to 1 m. Alt 100–762 m. WC

reflexa (L.) Cass. subsp. **reflexa**
Aster imbricatus L. (1)
Aster reflexus L. (1)
Chrysocoma scabra Thunb. (1)
Cullumia setosa Sieber ex DC. (1)
Elphegea reflexa (L.) Less. (1)
Felicia reflexa (L.) DC. (1)
Xeranthemum ciliatum L. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 90–800 m. WC

stricta Grau
Perennial. Shrub. Ht up to 0.25 m. Alt 90–1000 m. WC

POLYCHAETIA Less. 9048020

acerosa DC. = **Relhania acerosa**

brevifolia DC. = **Geigeria brevifolia**

garnotii Less. = **Relhania garnotii**

oppositifolia DC. = **Rosenia oppositifolia**

pectidea DC. = **Geigeria pectidea**

tricephala DC. = **Relhania tricephala**

POLYMNIA L. 9122000

carnosa L.f. = **Didelta carnosa** var. **carnosa**

spinosa L.f. = **Didelta spinosa**

PORCELLITES Less. 9572010

brasiliensis Less. = **Hypochaeris brasiliensis**

PRENANTHES L. 9606000

japonica L. = **Youngia japonica**

sarmentosa Willd. = **Launaea sarmentosa**

PRINTZIA Cass. 9059000

Compiled by P.P.J. Herman

(1) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 108–128, 206–232.

aromatica (L.) Less.
Inula aromatica L. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–1300 m. WC

asteroides Schltr. ex Bews = **Lepidostephium asteroides**

auriculata Harv.
P. densifolia J.M.Wood & M.S.Evans (1)
P. laxa N.E.Br. (1)
Perennial. Shrub. Ht 0.3–2 m. Alt 610–2450 m. M, FS, KZN, L, EC

bergii Cass., illegitimate name = **P. polifolia**

cernua (P.J.Bergius) Druce = **P. polifolia**

densifolia J.M.Wood & M.S.Evans = **P. auriculata**

huttoni Harv.
Perennial. Shrub. Ht up to 0.75 m. Alt 1000–1712 m. EC

laxa N.E.Br. = **P. auriculata**

nutans (Bolus) Leins
Bojeria nutans Bolus (1)
Perennial. Herb. Ht 0.4–0.6 m. Alt 610–2750 m. FS, KZN, L

polifolia (L.) Hutch.
Aster papposus Willd. ex Spreng. (1)
Aster polifolius L. (1)
Inula cernua P.J.Bergius (1)
Leysera polifolia (L.) Thunb. (1)
P. bergii Cass., illegitimate name (1)
P. cernua (P.J.Bergius) Druce (1)
Perennial. Shrub. Ht 0.3–2 m. Alt 60–1200 m. WC, EC

pyrifolia Less.
Perennial. Shrub. Ht 0.9–1.6 m. Alt 600–1700 m. FS, KZN, L, EC

PRISTOCARPHA E.Mey. ex DC. 9326050

capitata E.Mey. ex DC. = **Athanasia capitata**

PSATHUROCHAETA DC. 9204020

dregei DC. = **Melanthera scandens** subsp. **dregei**

PSEDNOTRICHIA Hiern 8860000

australis Alston = **Felicia australis**

PSEUDOCONYZA Cuatrec. 8940010

Compiled by P.P.J. Herman

(1) Wild. 1969. *Kirkia* 7: 128.
(2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 160.
(3) Fayed & Mohamed. 1991. *Willdenowia* 20: 92.

viscosa (Mill.) D'Arcy
Blumea aurita (L.f.) DC. (3)
Blumea viscosa (Mill.) V.M.Badillo (2)
Conyza aurita L.f. (1, 3)
Laggera aurita (L.f.) Sch.Bip. ex C.B.Clarke (1, 2)
Laggera lyrata (Humb., Bonpl. & Kunth) Leins (2)
Annual. Herb. Ht 0.3–1 m. Alt 245–610 m. N, B, LIM, M

PSEUDOGNAPHALIUM Kirp. 8992050

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 53–56.

luteo-album (L.) Hilliard & B.L.Burtt
Gnaphalium luteo-album L. (1)
Gnaphalium trifidum Thunb. (1)
Annual. Herb. Ht 0.13–0.5 m. Alt 5–2408 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

oligandrum (DC.) Hilliard & B.L.Burtt
Anaphalis oligandra DC. (1)
Gnaphalium oligandrum (DC.) Hilliard & B.L.Burtt (1)
Annual. Herb. Ht 0.22–1 m. Alt 5–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

undulatum (L.) Hilliard & B.L.Burtt
Gnaphalium undulatum L. (1)
Helichrysum montosicolum Gand. (1)
Annual. Herb. Ht 0.15–0.6 m. Alt 40–2745 m. N, G, FS, KZN, L, NC, WC, EC

PSIADIA Jacq. 8923000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 150.
(2) Wild. 1975. *Kirkia* 10: 23–25.

aparine Muschl. = **P. punctulata**

arabica Jaub. & Spach = **P. punctulata**

lycioides Hiern = **Pluchea lycioides**

punctulata (DC.) Oliv. & Hiern ex Vatke
Nidorella punctulata DC. (1, 2)
P. aparine Muschl. (1)
P. arabica Jaub. & Spach (1, 2)
P. resiniflua (Hochst. & Steud. ex DC.) Schweinf. & Asch. (2)
P. vernicosa Schinz (1)
Perennial. Shrub. Ht 0.7–2 m. Alt 585–1524 m. N, B, LIM, NW, G, M, NC

resiniflua (Hochst. & Steud. ex DC.) Schweinf. & Asch. = **P. punctulata**

vernicosa Schinz = **P. punctulata**

PSILOTHAMNUS DC. 9421040

adpressifolius DC. = **Euryops ericifolius**

ericifolius (Bél.) DC. = **Euryops ericifolius**

PSILOTHONNA E.Mey. 9421030

capillacea (Thunb.) E.Phillips = **Steirodiscus capillaceus**

gamolepis (Bolus ex Schltr.) E.Phillips = **Steirodiscus gamolepis**

schlechteri (Bolus ex Schltr.) E.Phillips = **Steirodiscus schlechteri**

speciosa (Pillans) E.Phillips = **Steirodiscus speciosus**

tagetes (L.) E.Mey. = **Steirodiscus tagetes**

PTERONIA L. 8862000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 95–111.
(2) Muschler. 1912. *Botanische Jahrbücher* 46: 95–103.
(3) Hutchinson & Phillips. 1917. *Annals of the South African Museum* 9: 277–329.
(4) Hutchinson & Phillips. 1922. *Kew Bulletin* 1922: 28, 196, 197.
(5) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 314.
(6) Dinter. 1932. *Feddes Repertorium* 30: 181–184.
(7) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 87.
(8) Merxmüller. 1952. *Mitteilungen der Botanischen Staatssammlung München* 1: 123–129.
(9) Nordenstam. 1961. *Botaniska Notiser* 114: 279.
(10) Henderson. 1962. *The Flowering Plants of Africa* 35: t. 1376.
(11) Merxmüller. 1967. *FSWA* 139: 150–159.
(12) Nordenstam. 1971. *Botaniska Notiser* 124: 9–14.
(13) Brusse. 1990. *Bulletin du Jardin Botanique National de Belgique* 60: 151–154.
(14) Van Jaarsveld & Nordenstam. 1993. *Aloe* 30: 10–12.
(15) Herman *et al.* 1997. *List of southern African succulent plants*: 40.

acerosa DC. = **P. teretifolia**

acuminata DC.
Dicoma ramosissima Klatt (11)
P. carnosa Muschl. (3, 11)
P. feddeana Muschl. (3, 11)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 915–1405 m. N, B, NC

acuta Muschl.
Perennial. Shrub. Ht 0.15–0.22 m. Alt 1150–1190 m. N, FS, NC, EC

adenocarpa Harv.
P. viscosa DC. (1, 3)
Perennial. Shrub. Ht 0.15–0.9 m. Alt 305–1370 m. NC, WC, EC

aizoides Muschl. = **Eremothamnus marlothianus**

ambrariifolia Schltr.
Perennial. Shrub. Ht 0.3–1 m. Alt 660–1065 m. WC

anisata B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? NC

anisata Dinter ex Merxm. = **P. glabrata**

aspalatha DC.
Perennial. Shrub. Ht 0.3–0.76 m. Alt 914–1315 m. NC, WC

aspera Thunb. = **P. camphorata** var. **camphorata**

baccharoides Less. = **P. teretifolia**

beckeoides DC.
Perennial. Shrub. Ht? Alt up to 1130 m. WC

bolusii E.Phillips
Perennial. Shrub. Ht up to 0.6 m. Alt 790–1310 m. NC, EC

bromoides S.Moore = **P. lucilioides**

callosa DC.
Perennial. Suffrutex. Ht up to 0.15 m. Alt? EC?

calvescens Drège, naked name = **P. gymnocline**

camphorata (L.) L. var. **armata** Harv.
Perennial. Shrub. Ht 0.75–1.5 m. Alt 100–1600 m. WC

camphorata (L.) L. var. *aspera* (Thunb.) Harv. = **P. camphorata** var. **camphorata**

camphorata (L.) L. var. **camphorata**
P. aspera Thunb. (3)
P. camphorata (L.) L. var. *aspera* (Thunb.) Harv. (3)
P. laricina Houtt. ex DC. (3)
Perennial. Shrub. Ht 0.15–1.5 m. Alt 100–3500 m. NC, WC

camphorata (L.) L. var. **laevigata** Harv.
Perennial. Shrub. Ht 0.3–1.2 m. Alt 670–1600 m. NC, WC, EC

camphorata (L.) L. var. **longifolia** Harv.
Perennial. Shrub. Ht 0.8–2 m. Alt 10–1160 m. WC

camphorata (L.) L. var. *stricta* (Aiton) Harv. = **P. stricta** var. **stricta**

cancellata Dinter = **P. pomonae**

candollei Harv. = **P. glauca**

canescens DC. = **P. cinerea**

carnosa Muschl. = **P. acuminata**

centauroides DC.
Perennial. Shrub. Ht up to 0.3 m. Alt 300–610 m. WC

chlorolepis Dinter = **P. sordida**

chrysocomifolia Poir. = **P. stricta** var. **stricta**

ciliata Thunb.
P. turbinata DC. (3)
Perennial. Shrub. Ht 0.15–1 m. Alt 150–1150 m. N, NC, WC

cinerea L.f.
P. canescens DC. (1, 3)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 600–1140 m. NC, WC

connata DC. = **P. flexicaulis**

cylindracea DC.
Perennial. Shrub. Ht 0.25–0.75 m. Alt 1060–2100 m. N, B, NC

decumbens Banks ex S.Moore = **P. fastigiata**

dinteri S.Moore = **P. mucronata**

diosmifolia Brusse
Perennial. Shrub. Ht up to 0.5 m. Alt 1–5 m. WC

divaricata (P.J.Bergius) Less.
Eupatorium divaricatum P.J.Bergius (1, 11)
Perennial. Shrub. Ht 0.5–2 m. Alt 5–1200 m. N, NC, WC

echinata Thunb. = **Felicia echinata**

eenii S.Moore
Dicoma seitziana Dinter (11)
P. feldtmanniana Dinter ex Merxm., naked name (11)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 1000–1525 m. N

elata B.Nord.
Perennial. Shrub. Ht 1–2 m. Alt? NC

elegans Sch.Bip. ex Walp. = **P. tenuifolia**

elongata Thunb.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 150–1370 m. WC, EC

empetrifolia DC.
Perennial. Shrub. Ht 0.25–0.6 m. Alt 500–1370 m. NC, WC

engleriana Muschl. = **Amphiglossa tomentosa**

erythrochaeta DC.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1435 m. FS, NC, EC

fasciculata L.f.
Perennial. Shrub. Ht 0.3–1.6 m. Alt 305–1150 m. NC, WC

fastigiata Thunb.
P. decumbens Banks ex S.Moore (3)
P. paniculata Thunb. var. *fastigiata* (Thunb.) Harv. (3)
Perennial. Shrub. Ht 0.3–0.8 m. Alt 300–900 m. NC, WC

feddeana Muschl. = **P. acuminata**

feldtmanniana Dinter ex Merxm., naked name = **P. eenii**

flexicaulis L.f.
P. connata DC. (1, 3)
Perennial. Shrub. Ht 0.25–1 m. Alt 100–1500 m. WC

flexicaulis DC. = **P. paniculata**

foleyi Hutch. & E.Phillips
Perennial. Shrub. Ht ± 0.3 m. Alt? WC

geigerioides Muschl. ex Dinter = **Athanasia minuta** subsp. **minuta**

glabrata DC. = **P. glauca**

glabrata L.f.
P. anisata Dinter ex Merxm. (8, 11)
P. sesuviifolia DC. (1, 3, 11)
P. succulenta of author, not of Thunb., concept invalid (11)
Perennial. Shrub, succulent. Ht 0.2–1.2 m. Alt 5–1200 m. N, NC, WC

glauca Thunb.
P. candollei Harv. (3)
P. glabrata DC. (3)
P. latisquama DC. (1, 3)
P. thymifolia Muschl. & Dinter (3, 11)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 500–2500 m. N, B, FS, NC, WC, EC

glaucescens DC.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1525 m. FS, NC, EC

glomerata in sense of Range, not of L.f., misapplied name = **P. sordida**

glomerata L.f.
P. microphylla DC. (1, 3)
Perennial. Shrub. Ht 0.15–0.76 m. Alt 460–1890 m. NC, WC, EC

gymnocline DC.
P. calvescens Drège, naked name (1, 3)
Perennial. Shrub. Ht? Alt up to 300 m. NC

gymnocline E.Mey. = **P. lucilioides**

heterocarpa DC.
Perennial. Shrub, succulent. Length 0.15–0.8 m. Alt 150–600 m. WC

hirsuta L.f.
P. retorta L.f. (1, 3)
P. uniflora Poir. (3)
Perennial. Herb or dwarf shrub. Ht 0.15–0.6 m. Alt 27–700 m. NC?, WC

hutchinsoniana Compton
Perennial. Shrub. Ht up to 0.5 m. Alt ± 520 m. WC

incana (Burm.) DC.
Chrysocoma incana Burm. (1, 2)
P. xantholepis DC. (1, 3)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 0–2500 m. NC, WC, EC

inflexa Thunb. ex L.f.
P. lupulina DC. (1, 3)
Perennial. Shrub. Ht 0.15–0.45 m. Alt 60–1130 m. N, NC, WC

intermedia Hutch. & E.Phillips
Perennial. Shrub. Ht 0.2–0.6 m. Alt 430–580 m. NC, WC

kingesii Merxm. = **P. polygalifolia**

laricina Houtt. ex DC. = **P. camphorata** var. **camphorata**

latisquama DC. = **P. glauca**

leptospermoides DC.
Perennial. Shrub. Ht 0.7–1.5 m. Alt 305–1350 m. NC

leucoclada Turcz.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 700–1220 m. N, NC

leucoloma DC.
Perennial. Shrub. Ht? Alt? NC

lucilioides DC.
P. bromoides S.Moore (3, 11)
P. gymnocline E.Mey. (3)
P. lucilioides DC. var. *sparsifolia* Harv. (3)
P. quadrifaria Dinter (11)
P. roesemaniana Dinter ex Merxm. (11)
Perennial. Shrub. Ht 0.2–2.5 m. Alt 190–2000 m. N, NC

lucilioides DC. var. *sparsifolia* Harv. = **P. lucilioides**

lupulina DC. = **P. inflexa**

lycioides Muschl. ex Dinter = **P. scariosa**

marlothiana (O.Hoffm.) Dinter = **Eremothamnus marlothianus**

membranacea L.f.
Perennial. Shrub. Ht 0.4–1 m. Alt 500–1530 m. WC, EC

microphylla DC. = **P. glomerata**

minuta L.f. = **Athanasia minuta** subsp. **minuta**

mooreiana Hutch.
Perennial. Shrub. Ht? Alt? 'CP?'

mucronata DC.
P. dinteri S.Moore (3, 11)
P. mucronata DC. subsp. *dinteri* (S.Moore) Merxm. (11)
Perennial. Shrub. Ht 0.15–1 m. Alt 600–1800 m. N, B, FS, NC, WC

mucronata DC. subsp. *dinteri* (S.Moore) Merxm. = **P. mucronata**

oblanceolata E.Phillips
Perennial. Shrub. Ht 0.3–1 m. Alt 370–1065 m. NC, WC

onobromoides DC.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 0–150 m. N, NC, WC

oppositifolia L.
Perennial. Shrub. Ht up to 0.3 m. Alt 130–780 m. WC

ovalifolia DC.
Perennial. Shrub. Ht 0.2–1.2 m. Alt 0–670 m. NC, WC

pallens L.f.
Perennial. Shrub. Ht 0.15–1 m. Alt 305–915 m. NC, WC

paniculata Thunb.
P. flexicaulis DC. (1, 3)
Perennial. Shrub, succulent. Ht 0.15–1.5 m. Alt 10–1524 m. N, NC, WC, EC

paniculata Thunb. var. *fastigiata* (Thunb.) Harv. = **P. fastigiata**

pauciflora Sims = **Syncarpha staehelina**

pillansii Hutch.
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt? NC, WC?

polygalifolia O.Hoffm.
P. kingesii Merxm. (11)
P. quinquecostata Dinter (11)
Perennial. Shrub or dwarf shrub. Ht 0.25–0.7 m. Alt? N

pomonae Merxm.
P. cancellata Dinter (8, 11)
P. villosa in sense of Dinter, not of L.f., misapplied name (8, 11)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ± 200 m. N

punctata E.Phillips
Perennial. Shrub. Ht 0.15–0.6 m. Alt 730–1310 m. FS, NC, EC

quadrifaria Dinter = **P. lucilioides**

quinquecostata Dinter = **P. polygalifolia**

quinqueflora DC.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt ± 855 m. EC

rangei Muschl.
Perennial. Shrub. Ht up to 0.5 m. Alt 1300–1600 m. N

retorta L.f. = **P. hirsuta**

roesemaniana Dinter ex Merxm. = **P. lucilioides**

scabra Harv.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 60–300 m. WC

scariosa L.f.
P. lycioides Muschl. ex Dinter (11)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 365–1370 m. N, NC, WC

sesuviifolia DC. = **P. glabrata**

sordida N.E.Br.
P. chlorolepis Dinter (11)
P. glomerata in sense of Range, not of L.f., misapplied name (11)

Perennial. Shrub or dwarf shrub. Ht 0.2–0.6 m. Alt 790–1435 m. N, FS, NC, WC, EC

spinulosa E.Phillips
Perennial. Shrub. Ht 0.1–0.4 m. Alt ± 40 m. N

staehelinoides DC.
Perennial. Shrub. Ht 0.3–0.45 m. Alt 550–1370 m. WC, EC

stricta Aiton var. **longifolia** E.Phillips
Perennial. Shrub. Ht 0.6–1.5 m. Alt 240–1525 m. WC, EC

stricta Aiton var. **stricta**
P. camphorata (L.) L. var. *stricta* (Aiton) Harv. (3)
P. chrysocomifolia Poir. (3)
Perennial. Shrub. Ht 0.5–3 m. Alt 450–2000 m. WC

succulenta of author, not of Thunb., concept invalid = **P. glabrata**

succulenta Thunb.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.8 m. Alt 390–490 m. NC, WC

tenuifolia DC.
P. elegans Sch.Bip. ex Walp. (3)
Perennial. Herb. Ht up to 0.3 m. Alt? WC

teretifolia (Thunb.) Fourc.
Osteospermum teretifolium Thunb. (7)
P. acerosa DC. (3)
P. baccharoides Less. (3, 7)
P. trigona E.Phillips (3)
Perennial. Shrub. Ht 0.45–1.2 m. Alt 45–800 m. WC, EC

thymifolia Muschl. & Dinter = **P. glauca**

tricephala DC.
Perennial. Shrub. Ht 0.3–0.8 m. Alt 1200–1600 m. FS, NC, EC

trigona E.Phillips = **P. teretifolia**

turbinata DC. = **P. ciliata**

uncinata DC.
P. verticillata DC. (1, 3)
Perennial. Shrub. Ht 0.45–0.8 m. Alt 5–800 m. WC

undulata DC.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 500–1140 m. NC

unguiculata S.Moore
Perennial. Shrub. Ht 0.22–0.6 m. Alt 700–1525 m. N, NC, WC

uniflora Poir. = **P. hirsuta**

utilis Hutch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

verticillata DC. = **P. uncinata**

villosa in sense of Dinter, not of L.f., misapplied name = **P. pomonae**

villosa L.f.
Perennial. Shrub. Ht 0.4–0.5 m. Alt? N, NC

viscosa DC. = **P. adenocarpa**

viscosa Thunb.
Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 430–1524 m. N, NC, WC, EC

xantholepis DC. = **P. incana**

PTEROTHRIX DC. 9042000

engleriana (Muschl.) Hutch. & E.Phillips = **Amphiglossa tomentosa**

flaccida Schltr. ex Hutch. & E.Phillips = **Amphiglossa tomentosa**

perotrichoides (DC.) Harv. = **Amphiglossa perotrichoides**

spinescens DC. = **Amphiglossa triflora**

tecta Brusse = **Amphiglossa tecta**

thuja Merxm. = **Amphiglossa thuja**

tomentosa DC. = **Amphiglossa tomentosa**

trifurcata C.A.Sm. ex Merxm. = **Amphiglossa thuja**

PULICARIA Gaertn. 9078000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 281, 282.

alata E.Phillips = **Pentatrichia alata**

capensis DC. = **P. scabra**

capensis DC. var. *erigeroides* (DC.) Harv. = **P. scabra**

confertifolia Klatt ex Merxm. = **Pentatrichia avasmontana**

scabra (Thunb.) Druce
Erigeron scabrum Thunb. (1)
Inula capensis Spreng. (1)
P. capensis DC. (1)
P. capensis DC. var. *erigeroides* (DC.) Harv. (1)
Annual. Herb. Ht 0.3–1.52 m. Alt 5–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

PYRETHRUM Zinn 9341065

cinerariifolium Trevir. = **Tanacetum cinerariifolium**

RELHANIA L'Hér. emended K.Bremer 9050000

Compiled by M. Koekemoer

(1) Bremer. 1976. *Opera Botanica* 40: 1–85.

acerosa (DC.) K.Bremer
Nestlera acerosa (DC.) Harv. (1)
Polychaetia acerosa DC. (1)
Perennial. Shrub. Ht 0.15–0.5 m. Alt 2000–3000 m. KZN, L

acicularis Desf. ex Cass. = **R. pungens** subsp. **pungens**

affinis Sond. ex Harv. = **Oedera viscosa**

apiculata (DC.) Harv. = **R. calycina** subsp. **apiculata**

biennis (Jacq.) K.Bremer = **Nestlera biennis**

calycina (L.f.) L'Hér. subsp. **apiculata** (DC.) K.Bremer
Eclopes apiculata DC. (1)
R. apiculata (DC.) Harv. (1)
Perennial. Shrub. Ht 0.7–1 m. Alt 800–1400 m. WC

calycina (L.f.) L'Hér. subsp. **calycina**
Osmites calycina L.f. (1)
R. quinquenervis Thunb. (1)
R. rigida Hoffm. & Muschl. (1)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 5–1000 m. WC

calycina (L.f.) L'Hér. subsp. **lanceolata** K.Bremer
Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–100 m. WC, EC

centauroides (L.) Harv. = **Athanasia crenata**

conferta Hutch. = **Oedera conferta**

corymbosa (Bolus) K.Bremer
Nestlera corymbosa Bolus (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 100–1500 m. WC

cuneata L'Hér. = **Oedera uniflora**

cuneata L'Hér. var. *virgata* (L'Hér.) S.Moore = **Oedera uniflora**

decussata L'Hér.
R. patersoniae L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1000–2700 m. WC, EC

dieterlenii (E.Phillips) K.Bremer
Nestlera dieterlenii E.Phillips (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 1500–2400 m. L

ericoides (P.J.Bergius) Cass. = **R. fruticosa**

foveolata K.Bremer = **Oedera foveolata**

fruticosa (L.) K.Bremer
Anthemis fruticosa L. (1)
R. ericoides (P.J.Bergius) Cass. (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–1300 m. WC

garnotii (Less.) K.Bremer
Nestlera garnotii (Less.) Harv. (1)
Nestlera tenuifolia DC. (1)
Polychaetia garnotii Less. (1)
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 0–160 m. WC

genistifolia (L.) L'Hér. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *angustifolia* Harv. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *discoidea* Harv. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *glutinosa* (DC.) Harv. = **Oedera viscosa**

lanata Compton = **Rosenia spinescens**

lateriflora L'Hér. = **Rhynchopsidium sessiliflorum**

latifolia Compton = **Oedera squarrosa**

laxa L'Hér. = **Rhynchopsidium pumilum**

microphylla L'Hér. = **Oedera genistifolia**

multipunctata DC. = **Oedera multipunctata**

nordenstamii K.Bremer = **Oedera nordenstamii**

patersoniae L.Bolus = **R. decussata**

pedunculata (DC.) Harv. = **Rhynchopsidium pumilum**

pumila (L.f.) Thunb. = **Rhynchopsidium pumilum**

pungens L'Hér. subsp. **angustifolia** (DC.) K.Bremer
Eclopes parallelinervis Less. var. *angustifolia* DC. (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 180–1400 m. KZN, EC

pungens L'Hér. subsp. **pungens**
R. acicularis Desf. ex Cass. (1)
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 30–1800 m. WC, EC

pungens L'Hér. subsp. **trinervis** (Thunb.) K.Bremer
R. trinervis Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–1500 m. EC

quinquenervis Thunb. = **R. calycina** subsp. **calycina**

reflexa Thunb. = **Nestlera biennis**

relhanioides (Schltr.) K.Bremer
Nestlera consimilis S.Moore (1)
Nestlera relhanioides Schltr. (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 800–1500 m. WC

resinifera K.Bremer = **Oedera resinifera**

rigida Hoffm. & Muschl. = **R. calycina** subsp. **calycina**

rotundifolia Less.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 50–250 m. WC

sedifolia (DC.) Harv. = **Oedera sedifolia**

sessiliflora (L.f.) Thunb. = **Rhynchopsidium sessiliflorum**

silicicola K.Bremer = **Oedera silicicola**

spathulifolia K.Bremer
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 0–80 m. WC

speciosa (DC.) Harv.
Eclopes speciosa DC. (1)
R. speciosa (DC.) Harv. var. *schizolepis* (DC.) Harv. (1)
R. styphelioides (DC.) Harv. (1)
Perennial. Shrub. Ht 0.7–1 m. Alt 600–1500 m. WC, EC

speciosa (DC.) Harv. var. *schizolepis* (DC.) Harv. = **R. speciosa**

squarrosa (L.) L'Hér. = **Oedera squarrosa**

squarrosa (L.) L'Hér. var. *brevifolia* Harv. = **Oedera squarrosa**

steyniae L.Bolus = **Oedera steyniae**

styphelioides (DC.) Harv. = **R. speciosa**

tomentosa Thunb. = **Amphiglossa tomentosa**

tricephala (DC.) K.Bremer
Nestlera angusta Compton (1)
Nestlera tricephala (DC.) Harv. (1)
Polychaetia tricephala DC. (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 800–1300 m. WC

trinervis Thunb. = **R. pungens** subsp. **trinervis**

tuberosa K.Bremer = **Comborhiza virgata**

uniflora (L.f.) Druce = **Oedera uniflora**

viscosa L'Hér. = **Oedera viscosa**

RENNERA Merxm. emended P.P.J.Herman 9366010

Compiled by P.P.J. Herman

(1) Bremekamp & Obermeyer. 1935. *Annals of the Transvaal Museum* 16: 441.
(2) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 308, 309.
(3) Herman. 1999. *Botanical Journal of the Linnean Society* 129: 367–377.

eenii (S.Moore) Källersjö
Matricaria otaviensis Dinter (3)
Pentzia eenii S.Moore (2, 3)
Perennial. Shrub. Ht 0.1–0.9 m. Alt? N

laxa (Bremek. & Oberm.) Källersjö
Pentzia laxa Bremek. & Oberm. (2, 3)
Perennial. Suffrutex. Ht 0.01–0.6 m. Alt 800–896 m. B

limnophila Merxm.
Perennial. Suffrutex. Ht 0.1–0.4 m. Alt 800–1300 m. N, B

stellata P.P.J.Herman
Perennial. Herb. Length 0.1–0.3 m. Alt 1200–1500 m. NW, NC

RHYNCHOPSIDIUM DC. 9050020

Compiled by M. Koekemoer

(1) Bremer. 1976. *Opera Botanica* 40: 1–85.
(2) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

pumilum (L.f.) DC.
Athanasia pumila L.f. (2)
Relhania laxa L'Hér. (2)
Relhania pedunculata (DC.) Harv. (2)
Relhania pumila (L.f.) Thunb. (2)
Annual. Herb. Ht 0.03–0.25 m. Alt 600–1800 m. NC, WC

sessiliflorum (L.f.) DC.
Athanasia sessiliflora L.f. (2)
Relhania lateriflora L'Hér. (2)
Relhania sessiliflora (L.f.) Thunb. (2)
Annual. Herb. Ht 0.02–0.25 m. Alt 600–1200 m. WC, EC

RHYNEA DC. 8994030

phylicifolia DC. = **Tenrhynea phylicifolia**

ROODEBERGIA B.Nord. 8919070

Compiled by P.P.J. Herman

(1) Nordenstam. 2002. *Acta Phytotaxonomica et Geobotanica* 53,2: 101–105.

kitamurana B.Nord.
Perennial. Herb. Ht 0.1–0.2 m. Alt ± 1850 m. WC

ROHRIA Thunb. 9437010

armata Vahl = **Berkheya armata**

bisulca Thunb. = **Cullumia bisulca**

carlinoides Vahl = **Berkheya carlinoides**

cuneata Thunb. = **Berkheya cuneata**

decurrens Thunb. = **Berkheya decurrens**

palmata Thunb. = **Heterorhachis aculeata**

patula Thunb. = **Cullumia patula** subsp. **patula**

pectinata Thunb. = **Cullumia pectinata**

spinosissima Thunb. = **Berkheya spinosissima** subsp. **spinosissima**

sulcata Thunb. = **Cullumia sulcata** var. **sulcata**

ROSENIA Thunb. emended K.Bremer 9051000

Compiled by M. Koekemoer

(1) Bremer. 1976. *Botaniska Notiser* 129: 97–111.

angustifolia Compton = **R. oppositifolia**

glandulosa Thunb.
Perennial. Shrub. Ht 0.4–0.7 m. Alt 600–1200 m. WC

humilis (Less.) K.Bremer
Nestlera conferta DC. (1)
Nestlera dinteri Muschl. ex Dinter (1)
Nestlera humilis Less. (1)
Nestlera incana Dinter ex Merxm. (1)
Nestlera muriculata DC. (1)
Nestlera oppositifolia DC. (1)
Nestlera rosenioides Hutch. ex Compton (1)
R. nestleroides Compton (1)
Perennial. Shrub. Ht 0.01–1.06 m. Alt 300–1500 m. N, B, NW, FS, NC, WC, EC

nestleroides Compton = **R. humilis**

oppositifolia (DC.) K.Bremer
Nestlera levynsae Hutch. (1)
Nestlera prostrata Harv. (1)
Polychaetia oppositifolia DC. (1)
R. angustifolia Compton (1)
Perennial. Shrub. Ht 0.1–1 m. Alt 600–1800 m. FS, NC, WC, EC

spinescens DC.
Nestlera dregeana Harv. (1)
Nestlera spinescens (DC.) Druce (1)
Relhania lanata Compton (1)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 700–1700 m. WC

RUCKERIA DC. 9419000

euryopoides Drège ex Harv. = **Euryops othonnoides**

euryopsidis DC. = **Euryops othonnoides**

othonnoides DC. = **Euryops othonnoides**

tagetoides DC. = **Euryops tagetoides**

SANTOLINA L. 9328000

alpina Bertol. = **Lasiospermum pedunculare**

capitata L. = **Athanasia capitata**

crenata L. = **Athanasia crenata**

crithmifolia L. = **Athanasia crithmifolia** subsp. **crithmifolia**

dentata L. = **Athanasia dentata**

erecta Lam. = **Lasiospermum pedunculare**

eriosperma Pers. = **Lasiospermum pedunculare**

laevigata L. = **Athanasia dentata**

?pinnata Donn = **Lasiospermum pedunculare**

pubescens L. = **Athanasia pubescens**

squarrosa L. = **Oedera squarrosa**

trifurcata L. = **Athanasia trifurcata**

SCHISTOSTEPHIUM Less. 9356000

Compiled by P.P.J. Herman

(1) Baker. 1897. *Kew Bulletin* 1897: 270.
(2) Hutchinson. 1916. *Kew Bulletin* 1916: 99–104.
(3) Compton. 1935. *Journal of South African Botany* 1: 71–74.
(4) Hutchinson. 1946. *A botanist in southern Africa*: 347.
(5) Bremer. 1977. *Botaniska Notiser* 130: 493–497.
(6) Hilliard. 1977. *Compositae in Natal*: 357–360.
(7) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 160.

argyreum (DC.) Fenzl ex Harv. = **S. flabelliforme**

artemisiifolium Baker
Perennial. Herb. Ht 0.2–1 m. Alt 1180–1830 m. LIM, M

crataegifolium (DC.) Fenzl ex Harv.
S. villosum Hutch. (6, 7)
Tanacetum consanguineum DC. (6)
Tanacetum crataegifolium DC. (2, 6)
Perennial. Herb or suffrutex. Ht 0.22–1.2 m. Alt 300–2950 m. LIM, NW, G, M, S, FS, KZN, L, EC

flabelliforme Less.
S. argyreum (DC.) Fenzl ex Harv. (2)
Tanacetum argyreum DC. (2)
Perennial. Shrub. Ht 0.45–1 m. Alt 300–1465 m. EC

griseum (Harv.) Hutch.
Tanacetum griseum Harv. (2, 6)
Perennial. Herb. Ht 0.22–0.75 m. Alt 300–1300 m. M, S, KZN, EC

heptalobum (DC.) Oliv. & Hiern
S. saxicola Hutch. (6, 7)
Tanacetum heptalobum DC. (2, 6)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–2300 m. LIM, NW, G, M, S, FS, KZN, EC

hippiifolium (DC.) Hutch.
Tanacetum hippiifolium DC. (2, 6)
Perennial. Shrub. Ht 0.45–1.4 m. Alt 120–1830 m. M, KZN, EC

radicale Killick & C.Claassen = **Cotula radicalis**

rotundifolium (DC.) Fenzl ex Harv.
Tanacetum rotundifolium DC. (2, 6)
Perennial. Shrub. Ht 0.6–1.6 m. Alt 2–2000 m. M, S, KZN, EC

saxicola Hutch. = **S. heptalobum**

scandens Hutch.
Perennial. Shrub. Ht up to 5 m. Alt? LIM

umbellatum (L.f.) Bremer & Humphries
Cotula umbellata L.f. (7)
Peyrousea argentea Compton (5)
Peyrousea calycina DC. (5)
Peyrousea oxylepis DC. (5)
Peyrousea umbellata (L.f.) Fourc. (7)
Perennial. Shrub. Ht 0.45–2 m. Alt 0–1500 m. WC, EC

villosum Hutch. = **S. crataegifolium**

*SCHKUHRIA Roth 9291000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 326, 327.

bonariensis Hook. & Arn. = **S. pinnata**

pinnata (Lam.) Cabrera
S. bonariensis Hook. & Arn. (1)
Annual. Herb. Ht 0.15–0.6 m. Alt 5–2125 m. N, B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

SCLEROCARPUS Jacq. 9169000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 161, 162.

africanus Jacq. ex Murray
Annual. Herb. Ht up to 1.2 m. Alt up to 900 m. N, B

SENECIO L. 9411000

Compiled by W.G. Welman

(1) Harvey. 1865. *FC* 3: 346–408.
(2) MacOwan. 1869. *Journal of the Linnean Society, Botany* 10: 480–482.
(3) Bentham. 1876. *Hooker's Icones Plantarum*: t. 114.
(4) Bolus. 1887. *Journal of the Linnean Society, Botany* 22: 177.
(5) Klatt. 1896. *Bulletin de l'Herbier Boissier* 4: 469, 840–842.
(6) Schlechter. 1900. *Botanische Jahrbücher* 27: 211.
(7) Brown. 1906. *Kew Bulletin* 1906: 22.
(8) Muschler. 1909. *Botanische Jahrbücher* 43: 59, 60.
(9) Hutchinson. 1917. *Annals of the South African Museum* 9: 398, 399.
(10) Moore. 1917. *Journal of Botany, London* 55: 124.
(11) Moore. 1918. *Journal of Botany, London* 56: 7, 8.
(12) Moore. 1921. *Journal of Botany, London* 59: 231.
(13) Hutchinson. 1923. *The Flowering Plants of South Africa* 3: t. 83.
(14) Mattfeld. 1924. *Botanische Jahrbücher* 59, Beiblatt 133: 24.
(15) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 174.
(16) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 332.
(17) Dyer. 1931. *The Flowering Plants of South Africa* 11: tt. 424, 434.
(18) Compton. 1934. *Journal of Botany, London* 72: 48, 49.
(19) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 87–89.
(20) Hutchinson & Burtt Davy. 1936. *Kew Bulletin* 1: 81, 82.
(21) Dyer. 1937. *The Flowering Plants of South Africa* 17: tt. 662, 663.
(22) Dyer. 1938. *The Flowering Plants of South Africa* 18: t. 696.
(23) Henderson. 1957. *The Flowering Plants of Africa* 32: t. 1254.
(24) Compton. 1967. *Journal of South African Botany* 33: 300–304.
(25) Merxmüller. 1967. *FSWA* 139: 104–107, 162–173.
(26) Hilliard. 1977. *Compositae in Natal*: 387–502, 639, 640.
(27) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 295.
(28) Nordenstam. 1980. *Mitteilungen der Botanischen Staatssammlung München* Beiheft 16: 29.
(29) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 271–274.
(30) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 233–238.
(31) Wijnands. 1985. *Taxon* 34: 311.
(32) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 198, 199.
(33) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 352, 353.
(34) Jeffrey. 1986. *Kew Bulletin* 41: 873–943.
(35) Bruyns. 1992. *South African Journal of Botany* 58: 50–55.
(36) Jeffrey. 1992. *Kew Bulletin* 47: 49–109.
(37) Rowley. 1994. *Succulent Compositae*: 1–238.
(38) Smith *et al.* 1999. *Flowering Plants of Africa* 56: t. 2159, 110–114, t. 2160, 116–120.
(39) Manning & Goldblatt. 2000. *Strelitzia* 9: 356–363.

abbreviatus S.Moore
Perennial. Creeper, prostrate, succulent. Length 0.1–0.3 m. Alt? NC, WC

abrotanoides E.Mey. = **S. pinnatifidus**

abruptus Thunb.
S. heteroclinius DC. (1)
Annual. Herb. Ht 0.2–0.5 m. Alt 5–1950 m. NC, WC

acaulis (L.f.) Sch.Bip.
Cacalia acaulis L.f. (37)
Kleinia acaulis (L.f.) DC. (37)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 30–? m. N, NC, WC, EC

achilleifolius DC.
S. achilleifolius DC. var. *glanduloso-scaber* Thell. (26)
S. achilleifolius DC. var. *glaucescens* (DC.) Harv. (26)
Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 220–3050 m. NW, G, M, FS, KZN, L, NC, WC, EC

achilleifolius DC. var. *glanduloso-scaber* Thell. = **S. achilleifolius**

achilleifolius DC. var. *glaucescens* (DC.) Harv. = **S. achilleifolius**

acutifolius DC.
Perennial. Shrub, shrublet. Ht 0.3–0.6 m. Alt 450–1370 m. NC, EC

addoensis Compton
Perennial. Herb. Ht 0.3–0.5 m. Alt? EC

adenocalyx Dinter = **S. radicans**

adnatus DC.
S. pauciligulatus R.A.Dyer & C.A.Sm. (26)
Perennial. Herb. Ht 0.5–1.2 m. Alt 160–2440 m. LIM, M, S, FS, KZN, L, EC

adnatus DC. var. *monactis* Sch.Bip. = **S. humidanus**

affinis DC.
Hertia natalensis O.Hoffm. ex Kuntze (26)
S. albanensis DC. var. *leiophyllus* Harv. (26)
S. albanensis DC. var. *pseudodecurrens* Thell. (26)
S. pauciceplialus R.A.Dyer (26)
Perennial. Herb. Ht 0.3–1 m. Alt 155–2250 m. LIM, NW, G, M, FS, KZN, L, EC

agapetes C.Jeffrey
S. amabilis DC. (36)
Annual. Shrub, herb. Ht 0.35–1.15 m. Alt 25–2000 m. WC

aizoides (DC.) Sch.Bip.
Kleinia aizoides DC. (21)
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 45–840 m. WC, EC

albanensis DC. var. **albanensis**
S. leiocarpus DC. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 915–2130 m. LIM, G, M, S, FS

albanensis DC. var. **doroniciflorus** (DC.) Harv.
S. doroniciflorus DC. (26)
S. fibrosus O.Hoffm. ex Kuntze (26)
Perennial. Herb. Ht 0.4–0.6 m. Alt 15–1675 m. KZN, L, WC, EC

albanensis DC. var. *leiophyllus* Harv. = **S. affinis**

albanensis DC. var. *pseudodecurrens* Thell. = **S. affinis**

albanopsis Hilliard
Perennial. Herb. Ht 0.4–1.5 m. Alt 5–900 m. KZN, EC

albifolius DC.
Perennial. Herb. Ht 0.05–0.25 m. Alt ?–2135 m. WC

albo-punctatus Bolus
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–1000 m. NC

alliariifolius O.Hoffm.
Perennial. Shrub, shrublet. Ht 0.4–1.5 m. Alt 140–1000 m. N

aloides DC.
Othonna rhopalophylla Dinter (25)
S. rhopalophyllus (Dinter) Merxm. (25)
Perennial. Shrub, shrublet, succulent. Ht 0.35–0.75 m. Alt 5–640 m. N, NC, WC

amabilis DC. = **S. agapetes**

anapetes C.Jeffrey
S. expansus Harv. (36)
S. lyratus DC. (36)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt ?–1585 m. WC

angulatus L.f.
S. macropodus DC. (1)
Perennial. Herb, climber, ± succulent. Ht 0.5–1.5 m. Alt 5–700 m. WC, EC

angustifolius (Thunb.) Willd.
Jacobaea angustifolia Thunb. (1)
Perennial. Shrublet, herb. Ht 0.2–0.6 m. Alt 10–1020 m. NC, WC, EC

anomalochrous Hilliard
Perennial. Herb. Ht 0.4–1 m. Alt 1050–2420 m. G, M, FS, KZN

anthemifolius Harv.
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC

apiifolius (DC.) Benth. & Hook.f. ex O.Hoffm.
S. peculiaris Dinter (25)
S. sisymbriifolius Dinter, not of DC., concept invalid (25)
Annual. Herb. Ht 0.2–1.2 m. Alt 460–1525 m. N, B, LIM, NW, G, FS, NC

aquifoliaceus DC.
Perennial. Herb. Ht 0.3–1 m. Alt? WC

arabidifolius O.Hoffm.
Perennial. Herb. Ht 0.1–0.25 m. Alt 1220–2440 m. KZN, L, EC

archeri (Compton) H.Jacobsen = **S. toxotis**

arenarius Thunb.
S. cakilefolius DC. var. *hispidulus* Thell. (25)
S. elegans Thunb. (1)
S. myrrhifolius Thunb. (1)
S. volkameri Sch.Bip. (1)
Annual. Herb. Ht 0.05–0.75 m. Alt 10–1340 m. N, NC, WC

arniciflorus DC.
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 10–300 m. WC

articulatus (L.) Sch.Bip.
Kleinia articulata (L.) Haw. (39)
Perennial. Shrublet, succulent. Ht 0.2–0.6 m. Alt 30–685 m. WC, EC

aschersonianus Muschl. ex Dinter = **Anisopappus pinnatifidus**

asper Aiton = **S. rosmarinifolius**

asperulus DC.
Perennial. Herb. Ht 0.2–0.75 m. Alt 515–2590 m. G, M, FS, KZN, L, NC, WC, EC

austromontanus Hilliard
Perennial. Herb. Ht 0.3–0.5 m. Alt 2350–2670 m. KZN, L, EC

avasimontanus Dinter = **Lopholaena cneorifolia**

barbatus DC.
S. thyrsoideus DC. (26)
Perennial. Herb. Ht 0.15–0.3 m. Alt 600–3000 m. LIM, M, S, FS, KZN, L, EC

barbertonicus Klatt
Perennial. Shrub, succulent. Ht 0.5–1.8 m. Alt 35–1675 m. LIM, NW, G, M, S, KZN

basalticus Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 2520–2560 m. KZN

basutensis Thell. (1911) = **S. subcoriaceus**

basutensis Thell. (1921) = **S. umgeniensis**

baurii Oliv.
Perennial. Herb. Ht 0.25–0.35 m. Alt 1065–2135 m. KZN, EC

bellis Harv.
Annual, occ. perennial. Herb. Ht 0.2–0.3 m. Alt? EC

bipinnatus (Thunb.) Less.
Cacalia bipinnata Thunb. (1)
S. quinqueflorus DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 245–1675 m. WC

blattarioides DC. = **S. oxyodontus**

bolusii Oliv. = **Phaneroglossa bolusii**

brachyglossus Turcz. = **S. glutinosus**

brachypodus DC.
S. natalensis Sch.Bip. (26)
Perennial. Shrub, scandent, ± succulent. Ht 0.5–4.5 m. Alt 5–1400 m. S, KZN, EC

brevidentatus M.D.Hend.
Perennial. Herb. Ht 0.3–0.6 m. Alt 600–2250 m. FS, KZN, EC

brevilimbus S.Moore = **S. flavus**

brevilorus Hilliard
Perennial. Herb. Ht 0.3–0.8 m. Alt 2100–2440 m. KZN

breviscapus (DC.) Sch.Bip. = **S. cicatricosus**

breyeri S.Moore = **S. polyodon** var. **polyodon**

bryoniifolius Harv.
Perennial. Herb, climber, ± succulent. Ht 1–2.5 m. Alt 5–1065 m. S, KZN, EC

bulbinifolius DC.
Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt ?–730 m. N, NC, WC

bupleuriformis Sch.Bip. = **S. glaberrimus**

bupleuroides DC.
S. bupleuroides DC. var. *denticulatus* DC. (26)
S. bupleuroides DC. var. *falcatus* Sch.Bip. (26)
Perennial. Herb. Ht 0.25–0.75 m. Alt 75–1500 m. M, S, KZN, EC

bupleuroides DC. var. *denticulatus* DC. = **S. bupleuroides**

bupleuroides DC. var. *falcatus* Sch.Bip. = **S. bupleuroides**

bupleuroides DC. var. *latifolius* Harv. = **S. glaberrimus**

burchellii DC.
S. dracunculoides DC. (39)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 5–1750 m. NC, WC, EC

burchellii DC. in part = **S. inaequidens**

burchellii of authors, not of DC., concept invalid = **S. madagascariensis**

byrnensis Hilliard
Perennial. Herb. Ht 0.3–1 m. Alt 1370–1435 m. KZN, EC

cacteaeformis Klatt = **Othonna graveolens**

cakilefolius DC.
Annual. Herb. Ht 0.15–0.45 m. Alt 460–1145 m. N, NC, WC

cakilefolius DC. var. *hispidulus* Thell. = **S. arenarius**

calamifolius Hook. = **S. scaposus**

caloneotes Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 2700–3300 m. KZN, L, EC

canalipes DC.
Perennial. Suffrutex. Ht? Alt? EC

cardaminifolius DC.
Annual. Herb. Ht 0.1–0.4 m. Alt 100–1000 m. NC, WC

carnosus Thunb.
Annual. Herb. Ht 0.3–1 m. Alt 5–95 m. EC

carroensis DC.
Annual. Herb. Ht 0.2–0.4 m. Alt 10–790 m. WC

cathcartensis O.Hoffm.
Perennial. Herb. Ht 0.3–0.6 m. Alt 1480–2440 m. FS, KZN, L, EC

caudatus DC.
Perennial. Herb. Ht 0.25–0.7 m. Alt 460–2470 m. LIM, M, S, KZN, EC

caulopterus DC. = **S. inornatus**

caulopterus Harv., not of DC., concept invalid = **S. scoparius**

cephalophorus (Compton) H.Jacobsen = **Kleinia cephalophora**

cernuus L.f. = **Crassocephalum rubens**

chamaemelifolius DC. = **S. diffusus**

chrysocoma Meerb.
S. graminifolius Jacq. (26)
S. paniculatus J.M.Wood, not of P.J.Bergius, concept invalid (26)
S. paniculatus P.J.Bergius var. *reclinatus* (L.f.) Harv. (26)
Biennial. Shrub, herb. Ht 0.5–2 m. Alt 60–900 m. KZN, WC, EC

cicatricosus Sch.Bip.
Kleinia breviscapa DC. (37)
S. breviscapus (DC.) Sch.Bip. (37)
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt? WC

cinerascens Aiton
Cineraria seminuda Klatt (25)
S. namaquanus Bolus (25)
S. tomentosus Salisb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 305–2000 m. N, NC, WC

cissampelinus (DC.) Sch.Bip. = **Mikaniopsis cissampelina**

citriceps Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.25–0.55 m. Alt 1800–2335 m. KZN, EC

citriformis G.D.Rowley
Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt? N, WC

colensoensis O.Hoffm. ex Kuntze = **S. scoparius**

coleophyllus Turcz.
Perennial. Shrub. Ht 0.9–1.8 m. Alt 205–1525 m. WC

concolor DC. = **S. speciosus**

concolor DC. var. *subglaber* O.Hoffm. ex Kuntze = **S. polyodon** var. **subglaber**

conrathii N.E.Br.
S. pachythelis E.Phillips & C.A.Sm. (26)
Perennial. Herb. Ht 0.5–1.5 m. Alt 10–2200 m. LIM, M, S, FS, KZN, EC

consanguineus DC.
Annual. Herb. Ht 0.2–1.2 m. Alt 915–2000 m. N, B, LIM, NW, G, FS, KZN?, NC

cordifolius L.f.
Perennial. Herb. Ht 0.1–0.3 m. Alt 550–1220 m. WC

cornu-cervi MacOwan
Perennial. Shrub. Ht 0.45–0.75 m. Alt? EC

coronatus (Thunb.) Harv.
Cineraria coronata Thunb. (1)
S. lasiorhizoides Sch.Bip. (1)
S. lasiorhizus DC. (1)
Perennial. Herb. Ht 0.15–0.8 m. Alt 60–2400 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

corymbiferus DC. = **S. sarcoides**

cotyledonis DC.
Perennial. Shrublet, succulent. Ht 0.3–0.6 m. Alt 305–1370 m. N, NC, WC, EC

crassiusculus DC.
S. pinnulatus Sieber (1)
Perennial. Shrub, dwarf shrub, ± succulent. Ht 0.3–0.6 m. Alt 30–1065 m. WC, EC

crassulaefolius (DC.) Sch.Bip.
Kleinia crassulaefolia DC. (37)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 30–1675 m. NC, WC, EC

crenatus Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 20–640 m. WC, EC

crenulatus DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt ?–610 m. WC?, EC

crispus Thunb.
S. sulcatus DC. (1)
Perennial. Herb. Ht 0.2–0.4 m. Alt 915–1280 m. WC

cristimontanus Hilliard
Perennial. Herb. Ht 0.15–0.2 m. Alt 1950–2435 m. KZN

cryphiactis O.Hoffm.
Annual. Herb. Ht 0.2–0.4 m. Alt? N, B

cryptolanatus Killick
Perennial. Herb. Ht 0.1–0.45 m. Alt 2200–3355 m. KZN, L, EC

cupulatus Volkens & Muschl. = **S. microglossus**

curtophyllus Klatt = **S. tysonii**

cymbalarifolius (Thunb.) Less. = **S. hastifolius**

debilis Harv. = **S. infirmus**

decurrens DC.
Biennial? Herb. Ht 0.75–1.35 m. Alt 305–2350 m. M, KZN, L, EC

deltoideus Less.
Cacalia scandens Aiton (26)
Mikania auriculata (Lam.) Willd. (26)
S. durbanensis Gand. (26)
S. fimbrillifer B.L.Rob. (26)
S. mikaniae DC. (1)
S. mikaniiformis DC. (1)
Perennial. Herb, scrambler. Ht 1.5–2.5 m. Alt 10–1900 m. LIM, M, S, KZN, WC, EC

dieterlenii E.Phillips = **S. rhomboideus**

diffusus Thunb.
S. chamaemelifolius DC. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt ?–1065 m. WC

digitalifolius DC.
Biennial. Herb. Ht 0.7–1.5 m. Alt 765–2040 m. LIM, NW, G, M, FS, KZN, EC

dinteri Muschl. ex Dinter = **Emilia ambifaria**

diodon DC.
Perennial. Herb. Ht 0.5–1 m. Alt? WC

discodregeanus Hilliard & B.L.Burtt
S. dregeanus DC. var. *discoideus* DC. (26)
Perennial. Herb. Ht 0.4–1 m. Alt 50–2375 m. G, M, S, FS, KZN, L, EC

dissidens Fourc.
Perennial. Shrub. Ht 1.2–2 m. Alt? WC

dissimulans Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1900–2900 m. FS, KZN, L, EC

diversidentatus Muschl. = **S. inornatus**

diversifolius Harv.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1310 m. NC, WC

doroniciflorus DC. = **S. albanensis** var. **doroniciflorus**

dracunculoides DC. = **S. burchellii**

drakensbergis Klatt = **S. sandersonii**

dregeanus DC.
Perennial. Herb. Ht 0.3–1 m. Alt 765–1340 m. KZN, EC

dregeanus DC. var. *discoideus* DC. = **S. discodregeanus**

dumosus Fourc.
Perennial. Shrub. Ht 0.9–1.5 m. Alt? WC

durbanensis Gand. = **S. deltoideus**

ecklonianus DC. = **S. spiraeifolius**

eenii (S.Moore) Merxm.
Cineraria eenii S.Moore (25)
S. lentior S.Moore (25)
S. rautaneni S.Moore (25)
Annual. Herb. Ht 0.1–0.9 m. Alt 245–1650 m. N, B, NC

elegans L.
S. elegans Willd. (1)
S. pseudo-elegans Less. (1)
Annual. Herb. Ht 0.15–1 m. Alt 5–200 m. WC, EC

elegans Thunb. = **S. arenarius**

elegans Willd. = **S. elegans**

eminens Compton
Perennial. Herb. Ht 0.6–1.2 m. Alt 1170–1500 m. M, S

engleranus O.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.05–0.5 m. Alt 100–300 m. N

eriobasis DC.
Perennial. Herb. Ht 0.25–0.6 m. Alt 365–1450 m. NC, WC

erosus L.f.
Cineraria crenata Spreng. (1)
Doria incisa Thunb. (1)
Perennial. Herb. Ht 0.15–0.6 m. Alt 15–1770 m. NC, WC

erubescens Aiton var. **crepidifolius** DC.
Perennial. Herb. Ht 0.2–0.7 m. Alt 760–2865 m. LIM, NW, G, M, S, FS, KZN, L, EC

erubescens Aiton var. *crepidifolius* Harv., not of DC., concept invalid = **S. variabilis**

erubescens Aiton var. **dichotomus** DC.
Perennial. Herb. Ht 0.2–0.6 m. Alt 5–2835 m. LIM, M, S, KZN, EC

erubescens Aiton var. **erubescens**
S. erubescens Aiton var. *lyratus* Harv. (26)
S. vernonioides Sch.Bip. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 50–2075 m. WC, EC

erubescens Aiton var. **incisus** DC.
Perennial. Herb. Ht 0.2–0.6 m. Alt 10–365 m. KZN, EC

erubescens Aiton var. *lyratus* Harv. = **S. erubescens** var. **erubescens**

erysimoides DC.
Annual. Herb. Ht 0.35–0.45 m. Alt 210–915 m. NC, WC

euryopoides DC.
Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1700 m. WC

evansii N.E.Br. = **Heteromma decurrens**

evelynae Muschl.
Perennial. Shrub, herb. Ht 0.5–1.3 m. Alt 1280–1465 m. M

expansus Harv. = **S. anapetes**

exuberans R.A.Dyer
Perennial. Herb. Ht 1.2–1.5 m. Alt ?–305 m. KZN

fibrosus O.Hoffm. ex Kuntze = **S. albanensis** var. **doroniciflorus**

ficoides (L.) Sch.Bip.
Kleinia ficoides (L.) Haw. (37)
Perennial. Herb, succulent. Ht 0.1–0.5 m. Alt 155–1400 m. NC, WC, EC

filifolius Harv. = **S. mitophyllus**

filipes Turcz. = **S. matricariifolius**

fimbrillifer B.L.Rob. = **S. deltoideus**

flanaganii E.Phillips
Perennial. Herb. Ht 0.5–1 m. Alt 1950–2135 m. FS, KZN

flavus (Decne.) Sch.Bip.
Crassocephalum flavum Decne. (25)
S. brevilimbus S.Moore (25)
Annual. Herb. Ht 0.15–0.55 m. Alt 1100–1465 m. N, NC

foeniculoides Harv.
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC

fraudulentus E.Phillips & C.A.Sm. = **S. inornatus**

fulgens (Hook.f.) G.Nicholson = **Kleinia fulgens**

galpinii (Hook.f.) H.Jacobsen = **Kleinia galpinii**

galpinii (Hook.f.) Hook.f. = **Kleinia galpinii**

gerrardii Harv.
Perennial. Herb. Ht 0.5–2 m. Alt 760–2200 m. LIM, NW, M, S, FS, KZN, L, EC

giessii Merxm.
Annual. Herb. Ht 0.15–0.35 m. Alt? N, NC

glaberrimus DC.
S. bupleuriformis Sch.Bip. (26)
S. bupleuroides DC. var. *latifolius* Harv. (26)
S. inophyllus E.Phillips & C.A.Sm. (26)
S. kuntzei O.Hoffm. (26)
S. swaziensis Compton (26)
Perennial. Herb. Ht 0.2–0.9 m. Alt 5–2700 m. G, M, S, FS, KZN, L, EC

glabrifolius DC.
Perennial. Herb. Ht 0.2–0.5 m. Alt 780–1615 m. NC, WC

glanduloso-lanosus Thell.
Perennial. Herb. Ht 0.2–0.45 m. Alt 915–1295 m. KZN, EC

glanduloso-pilosus Volkens & Muschl.
Perennial. Herb. Ht 0.2–0.6 m. Alt 1115–2075 m. LIM, NW, G, M, FS, KZN

glastifolius L.f.
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 60–1090 m. WC, EC

glutinarius DC.
S. glutinosus E.Mey. (1)
Annual. Herb. Ht 0.15–0.35 m. Alt 5–50 m. WC

glutinosus E.Mey. = **S. glutinarius**

glutinosus Thunb.
S. brachyglossus Turcz. (1)
S. inamoenus DC. (1)
Annual. Herb. Ht 0.3–1 m. Alt 5–1920 m. N, NC, WC, EC

gramineus Harv.
Perennial. Herb. Ht 0.15–0.45 m. Alt 1400–3275 m. KZN, L, WC, EC

graminicolus C.A.Sm. = **S. retrorsus**

graminifolius Jacq. = **S. chrysocoma**

grandiflorus P.J.Bergius
S. pauciflorus Thunb. (1)
S. venustus Aiton (1)
Perennial. Herb. Ht 0.75–1 m. Alt 120–1570 m. WC

gregatus Hilliard
S. serratuloides DC. var. *dieterlenii* Thell. (33)
S. serratuloides DC. var. *gracilis* Harv. (33)
S. serratuloides DC. var. *holubii* Thell. (33)
S. serratuloides DC. var. *rehmannii* Thell. (33)
Perennial. Herb. Ht 0.6–1 m. Alt 1400–2135 m. LIM, NW, G, M, S, FS, KZN

gyrophyllus Klatt = **S. macrocephalus**

halimifolius L.
S. populifolius L. (1)
S. sessilis Thunb. (1)
S. solidagineus Spreng. (1)
S. solidaginoides P.J.Bergius (1)
Perennial. Shrub. Ht 1–1.7 m. Alt 5–765 m. WC, EC

hallianus G.D.Rowley
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 800–1400 m. WC, EC

harveianus MacOwan
S. vimineus Harv., not of DC., concept invalid (26)
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 765–3290 m. LIM, NW, G, M, FS, KZN, L, EC

hastatus L.
S. hastulatus L. (26)
Perennial. Herb. Ht 0.25–0.4 m. Alt 45–3200 m. FS, KZN, L, NC, WC, EC

hastifolius (L.f.) Less.
Cineraria cymbalarifolia Thunb. (1)
Cineraria hastifolia L.f. (1)
S. cymbalarifolius (Thunb.) Less. (39)
Perennial. Herb. Ht 0.15–0.4 m. Alt 5–1000 m. WC

hastulatus L. = **S. hastatus**

haworthii (Sweet) Sch.Bip.
Kleinia haworthii (Sweet) DC. (37)
Perennial. Shrublet. Ht 0.3–0.5 m. Alt 905–1220 m. NC, WC, EC

haygarthii Hilliard
Cineraria montana Bolus (26)
Perennial. Shrub, herb. Ht 0.75–1 m. Alt 1370–2440 m. KZN, L

heliopsis Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.5–1 m. Alt 1060–2250 m. M, KZN, EC

helminthioides (Sch.Bip.) Hilliard
S. quinquelobus (Thunb.) DC. var. *helminthioides* Sch.Bip. (26)
Perennial. Herb, climber, ± succulent. Ht 2.5–4.5 m. Alt 5–1525 m. LIM, M, S, KZN, EC

hermannii B.Nord.
Annual. Herb. Ht 0.3–0.5 m. Alt? N

herreianus Dinter
Perennial. Herb, prostrate, succulent. Ht 0.03–0.05 m. Alt? N

heteroclinius DC. = **S. abruptus**

hieracioides DC.
S. johannesburgensis S.Moore (26)

Perennial. Herb. Ht 0.15–0.45 m. Alt 1000–3050 m. NW, G, M, FS, KZN, L, EC

hirsutilobus Hilliard
Perennial. Herb. Ht 0.2–0.6 m. Alt 1525–2450 m. KZN, EC

hirtellus DC.
Annual, occ. perennial? Herb. Ht 0.15–0.45 m. Alt? EC

hirtifolius DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt? EC

hochstetteri Sch.Bip. ex A.Rich.
Perennial. Herb. Ht 0.2–0.5 m. Alt? LIM

hollandii Compton
Perennial. Shrub. Ht 0.5–1 m. Alt 365–860 m. WC, EC

holubii Hutch. & Burtt Davy
Perennial. Herb. Ht 0.2–0.4 m. Alt? NW

hookerianus H.Jacobsen = **Kleinia fulgens**

humidanus C.Jeffrey
S. adnatus DC. var. *monactis* Sch.Bip. (26)
S. hygrophilus R.A.Dyer & C.A.Sm. (36)
Perennial. Herb. Ht 0.7–1 m. Alt 765–2425 m. S, KZN, L, EC

hygrophilus R.A.Dyer & C.A.Sm. = **S. humidanus**

hypochoerideus DC.
S. prionites MacOwan (26)
Perennial. Herb. Ht 0.25–0.9 m. Alt 1705–3325 m. FS, KZN, L, EC

ilicifolius L.
S. quercifolius Thunb. (1)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 5–700 m. WC, EC

inaequidens DC.
S. burchellii DC. in part (26)
Perennial. Herb. Ht 0.3–1 m. Alt 1000–2850 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

inamoenus DC. = **S. glutinosus**

incertus DC. = **S. tuberosus**

incisus Thunb.
S. phalachrolaenus DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 60–? m. WC

incomptus DC.
S. serratus E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 1220–1615 m. EC

inconstans DC. = **S. repandus**

infirmus C.Jeffrey
S. debilis Harv. (36)
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt? WC, EC

ingeliensis Hilliard
Perennial. Herb. Ht 0.2–0.5 m. Alt 1850–2500 m. KZN, L, EC

inophyllus E.Phillips & C.A.Sm. = **S. glaberrimus**

inornatus DC.
S. caulopterus DC. (26)
S. diversidentatus Muschl. (26)
S. fraudulentus E.Phillips & C.A.Sm. (26)
S. lygodes Hiern (34)
S. macroalatus M.D.Hend. (26)
S. ommanei S.Moore (26)
S. serra Sond. (26)
S. sneeuwbergensis Bolus (26)
Perennial. Herb. Ht 0.3–1.8 m. Alt 40–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

intricatus S.Moore
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 1065–1220 m. FS, NC, EC

iosensis G.D.Rowley = **S. sulcicalyx**

isatideus DC.
Perennial. Herb. Ht 0.5–1.5 m. Alt 365–2650 m. LIM, NW, G, M, FS, KZN, L, EC

isatideus DC. var. *macrophyllus* Thell. = **S. isatidioides**

isatidioides E.Phillips & C.A.Sm.
S. isatideus DC. var. *macrophyllus* Thell. (26)
S. macrophyllus E.Phillips (26)
Perennial. Herb. Ht 0.5–2.4 m. Alt 1065–2135 m. LIM, M, S, FS, KZN

johannesburgensis S.Moore = **S. hieracioides**

junceus (DC.) Harv.
Brachyrhynchos junceus DC. (1)
Perennial. Shrub, herb, succulent. Ht 0.4–1.2 m. Alt 15–1370 m. NC, WC, EC

juniperinus L.f. var. **epitrachys** (DC.) Harv.
S. polyanthemus DC. var. *epitrachys* DC. (26)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 1370–1645 m. KZN, EC

juniperinus L.f. var. **juniperinus**.
Perennial. Shrub, herb. Ht 0.5–1 m. Alt 45–2010 m. WC, EC

junodianus O.Hoffm. = **S. madagascariensis**

junodii Hutch. & Burtt Davy
Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 1052–2180 m. LIM, M

kalingenwae Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.1–0.25 m. Alt 2000–2235 m. KZN

klinghardtianus Dinter = **S. sulcicalyx**

kuntzei O.Hoffm. = **S. glaberrimus**

laevigatus Thunb. var. **integrifolius** Harv.
Annual. Herb. Ht 0.2–0.6 m. Alt 915–1690 m. LIM, G, M, FS

laevigatus Thunb. var. **laevigatus**
S. plebeius DC. (1)
Annual. Herb. Ht 0.2–0.4 m. Alt 15–350 m. WC, EC

lanatus Thunb. = **Cineraria tomentosa**

lanceus Aiton
Perennial/biennial. Shrub. Ht 0.6–2.5 m. Alt 5–1525 m. KZN, WC, EC

lancifolius Turcz. = **S. pellucidus**

lasiorhizoides Sch.Bip. = **S. coronatus**

lasiorhizus DC. = **S. coronatus**

laticipes Bruyns
Perennial. Shrublet, succulent. Ht 0.3–0.5 m. Alt 250–600 m. NC, WC

latifolius DC.
S. sceleratus Schweick. (26)
Perennial. Herb. Ht 0.3–1 m. Alt 245–1700 m. LIM, NW, M, S, FS, KZN, EC

latifolius DC. var. *barbellatus* (DC.) Harv. = **S. retrorsus**

latifolius DC. var. *retrorsus* (DC.) Harv. = **S. retrorsus**

latissimifolius S.Moore
Perennial. Herb. Ht 0.3–0.5 m. Alt? M

launayaefolius O.Hoffm. = **S. paucicalyculatus**

laxus DC.
Annual. Herb. Ht 0.15–0.45 m. Alt 75–915 m. NC, WC

leiocarpus DC. = **S. albanensis** var. **albanensis**

lentior S.Moore = **S. eenii**

leptocephalus Mattf.
Annual. Herb. Ht 0.3–0.5 m. Alt? B

leptophyllus DC.
Perennial. Shrub, shrublet, herb. Ht 0.5–1 m. Alt 550–1830 m. NC, WC, EC

lessingii Harv.
Annual. Herb. Ht? Alt? WC

leucoglossus Sond.
Perennial. Herb. Ht 0.2–0.7 m. Alt? WC

limosus O.Hoffm. = **Emilia limosa**

lineatus (L.f.) DC.
Cineraria lineata L.f. (1)
S. persicifolius Burm. (1)
Perennial. Shrub, herb. Ht 0.3–0.8 m. Alt 20–1370 m. WC, EC

linifolius L.
Cineraria filifolius Thunb. (1)
S. longifolius L. (31)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 20–1700 m. L, EC

litorosus Fourc.
Perennial. Herb, ± succulent. Ht 0.3–0.5 m. Alt 5–30 m. WC, EC

littoreus Thunb. var. **hispidulus** Harv.
Annual. Herb. Ht 0.2–0.6 m. Alt 10–100 m. WC

littoreus Thunb. var. **littoreus**
S. ustulatus DC. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 10–100 m. WC

lobelioides DC.
Annual. Herb. Ht 0.15–0.25 m. Alt ?–130 m. WC

longiflorus (DC.) Sch.Bip. = **Kleinia longiflora**

longifolius L. = S. **linifolius**

longipedunculatus Dinter = **S. maydae**

lycopodioides Schltr.
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 75–185 m. WC

lydenburgensis Hutch. & Burtt Davy
Hertia kuntzei O.Hoffm. ex Kuntze (26)
S. verdoorniae R.A.Dyer (26)
Perennial. Herb. Ht 0.3–1.5 m. Alt 365–1850 m. NW, G, M, FS, KZN

lygodes Hiern = S. **inornatus**

lyratus DC. = **S. anapetes**

lyratus L.f.
S. lyratus Thunb. (1)
S. variifolius DC. (1)
Perennial. Shrub, herb. Ht 0.7–1.5 m. Alt 90–1615 m. WC, EC

lyratus L.f. var. *subcanescens* (DC.) Harv. = **S. subcanescens**

lyratus Thunb. = S. **lyratus**

macowanii Hilliard
S. prionites MacOwan var. *laxus* MacOwan (30)
Perennial. Herb. Ht 0.3–0.7 m. Alt 1675–2745 m. KZN, EC

macroalatus M.D.Hend. = **S. inornatus**

macrocephalus DC.
S. gyrophyllus Klatt (26)
Perennial. Herb. Ht 0.2–0.5 m. Alt 180–3475 m. LIM, M, FS, KZN, L, EC

macroglossoides Hilliard
Perennial. Herb, climber, ± succulent. Ht 0.5–1.8 m. Alt 5–1675 m. M, KZN, EC

macroglossus DC.
Perennial. Herb, climber, ± succulent. Ht 0.75–2.45 m. Alt 15–915 m. M, KZN, EC

macrophyllus E.Phillips = **S. isatidioides**

macropodus DC. = **S. angulatus**

macrospermus DC.
Perennial. Herb. Ht 0.75–1.2 m. Alt 2315–2895 m. KZN, L, EC

madagascariensis Poir.
S. burchellii of authors, not of DC., concept invalid (26)
S. junodianus O.Hoffm. (26)
S. ruderalis Harv. (26)
Annual. Herb. Ht 0.2–0.5 m. Alt 5–1830 m. M, S, KZN, WC, EC

madagascariensis Poir. var. *crassifolius* Humbert = **S. skirrhodon**

marginalis Hilliard
Perennial. Herb. Ht 0.4–1 m. Alt 1585–2135 m. KZN

maritimus L.
Annual. Herb, succulent. Ht 0.15–0.45 m. Alt 2–15 m. WC

marlothianus O.Hoffm. = **Emilia marlothiana**

matricariifolius DC.
S. filipes Turcz. (1)
Annual. Herb. Ht 0.15–0.2 m. Alt 185–1065 m. WC

mauricei Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.2–0.5 m. Alt 1675–2440 m. KZN

maydae Merxm.
S. longipedunculatus Dinter (25)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 350–1200 m. N, NC

mbuluzensis Compton
Perennial. Herb. Ht 0.6–1.5 m. Alt 765–1525 m. M, S, KZN

medley-woodii Hutch.
Perennial. Shrub, succulent. Ht 0.8–1.5 m. Alt 460–800 m. M, S, KZN

membranifolius DC. = **S. repandus**

metallicorum S.Moore = **S. polyodon** var. **polyodon**

microglossus DC.
S. cupulatus Volkens & Muschl. (26)
Perennial. Shrub, herb. Ht 0.4–1.3 m. Alt 305–1830 m. LIM, M, S, KZN, EC

microspermus DC.
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? EC

mikaniae DC. = S. **deltoideus**

mikaniiformis DC. = **S. deltoideus**

mikanioides Otto ex Harv. = **Delairea odorata**

mimetes Hutch. & R.A.Dyer
Perennial. Shrub, herb. Ht 0.5–1 m. Alt 15–1220 m. WC, EC

mitophyllus C.Jeffrey
S. filifolius Harv. (36)
Perennial. Shrublet, herb. Ht 0.2–0.4 m. Alt 30–765 m. WC

mlilwanensis Compton
Perennial. Herb. Ht 1–1.8 m. Alt 1065–1370 m. S

momordicifolius Dinter & Muschl. = **Cineraria canescens**

monticola DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt 2000–3070 m. EC

mooreanus Hutch. & Burtt Davy
Perennial. Herb. Ht 0.4–0.75 m. Alt 1435–2200 m. LIM, NW, M, FS, KZN

mucronatus (Thunb.) Willd.
Jacobaea mucronata Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? NC, WC

mucronulatus Sch.Bip. = **S. purpureus**

muirii L.Bolus
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt? NC, WC

multibracteatus Harv.
Annual, occ. perennial. Herb. Ht 0.3–0.45 m. Alt 245–1525 m. EC

multicaulis DC.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt? WC

muricatus Thunb.
Perennial. Shrublet. Ht 0.3–0.6 m. Alt? WC

myrrhifolius Thunb. = **S. arenarius**

namaquanus Bolus = **S. cinerascens**

napifolius MacOwan
Perennial. Herb. Ht 0.35–0.75 m. Alt 760–2100 m. FS, KZN, EC

natalensis Sch.Bip. = **S. brachypodus**

natalicola Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 275–365 m. KZN, EC

ngoyanus Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 5–460 m. KZN

niveus (Thunb.) Willd.
Gutenbergia rangei Muschl. ex Dinter (25)
Jacobaea nivea Thunb. (25)
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1 m. Alt 365–1650 m. N, NC, WC, EC

odontopterus DC.
Perennial. Herb. Ht 0.2–1 m. Alt? WC

oederiifolius DC.
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.9 m. Alt 15–990 m. WC, EC

oliganthus DC. = **S. pauciflosculosus**

ommanei S.Moore = **S. inornatus**

orbicularis Sond. ex Harv. = **S. oxyriifolius**

oreophilus Muschl. ex Dinter = **Anisopappus pinnatifidus**

othonniflorus DC.
Brachyrhynchos eupatorioides Less. (1)
Doria denticulata Thunb. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 45–2865 m. LIM, NW, G, M, FS, KZN, L, EC

othonniformis Fourc. = **S. ruwenzoriensis**

ovoideus (Compton) H.Jacobsen
Kleinia ovoidea Compton (37)
Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt? WC

oxyodontus DC.
S. blattarioides DC. (26)
S. zeyheri Turcz. (26)
Perennial. Shrub, herb, succulent. Ht 0.2–1 m. Alt 100–1675 m. KZN, EC

oxyriifolius DC.
S. orbicularis Sond. ex Harv. (26)
S. peltatus DC. (26)
S. peltiformis DC. (26)
S. subnudus DC. (26)
S. subpeltatus Steud. (26)
Perennial. Herb, succulent. Ht 0.1–1 m. Alt 15–2400 m. LIM, NW, G, M, S, KZN, EC

paarlensis DC.
Annual. Herb. Ht 0.15–0.5 m. Alt 60–1675 m. WC

pachythelis E.Phillips & C.A.Sm. = **S. conrathii**

paludaffinis Hilliard
Perennial. Herb. Ht 0.35–0.75 m. Alt 1370–2440 m. S, KZN

panduratus (Thunb.) Less.
Cineraria pandurata Thunb. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 130–835 m. NC, WC

pandurifolius Harv. = **S. panduriformis**

panduriformis Hilliard
S. pandurifolius Harv. (26)
Biennial? Herb. Ht 0.9–2.4 m. Alt 600–1980 m. LIM, M, S, KZN, EC

paniculatus J.M.Wood, not of P.J.Bergius, concept invalid = **S. chrysocoma**

paniculatus P.J.Bergius
Perennial. Shrub, herb. Ht 0.5–2 m. Alt 15–1675 m. NC, WC, EC

paniculatus P.J.Bergius var. *reclinatus* (L.f.) Harv. = **S. chrysocoma**

parascitus Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 2000–3000 m. KZN, L

parentalis Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.3–0.6 m. Alt 1800–2165 m. KZN

parvifolius DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt 765–1325 m. NC, WC

paucicalyculatus Klatt
S. launayaefolius O.Hoffm. (26)
Perennial. Herb. Ht 0.45–1 m. Alt 1065–2560 m. M, FS, KZN, L

paucicephalus R.A.Dyer = **S. affinis**

pauciflorus Thunb. = **S. grandiflorus**

pauciflosculosus C.Jeffrey
S. oliganthus DC. (36)

Perennial. Shrub, herb. Ht 0.3–0.9 m. Alt 365–1525 m. WC, EC

paucifolius DC. = **S. ruwenzoriensis**

pauciligulatus R.A.Dyer & C.A.Sm. = **S. adnatus**

pearsonii Hutch.
Perennial. Herb. Ht 0.2–0.4 m. Alt? NC

peculiaris Dinter = **S. apiifolius**

pedicularifolius DC. = **S. spiraeifolius**

pellucidus DC.
S. lancifolius Turcz. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt? EC

peltatus DC. = **S. oxyriifolius**

peltiformis DC. = **S. oxyriifolius**

penninervius DC.
Perennial. Herb. Ht 0.3–0.6 m. Alt? EC

pentactinus Klatt
Perennial. Shrub, herb. Ht 0.6–1.5 m. Alt 490–1850 m. LIM, NW, G, M

persicifolius Burm. = **S. lineatus**

persicifolius L.
Jacobaea persicifolia Thunb. (1)
Annual. Herb. Ht 0.3–0.45 m. Alt? WC

petiolaris DC.
Doria undulata Thunb. (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt ?–1645 m. WC

phalachrolaenus DC. = **S. incisus**

phonolithicus Dinter = **S. sarcoides**

picridifolius DC. = **Crassocephalum ×picridifolium**

pillansii Levyns
Perennial. Shrublet. Ht 0.2–0.3 m. Alt 15–155 m. WC

pinguifolius (DC.) Sch.Bip.
Kleinia pinguifolia DC. (37)
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 540–800 m. N, NC

pinifolius (L.) Lam.
Cineraria laricifolia Lam. (1)
Inula pinifolia L. (1)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 45–2490 m. WC, EC

pinnatifidus (P.J.Bergius) Less.
Cacalia pinnatifida P.J.Bergius (1)
Doria bipinnata Thunb. (1)
S. abrotanoides E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 955–1675 m. WC

pinnulatus Sieber = **S. crassiusculus**

pinnulatus Thunb.
S. scabriusculus DC. (1)
Annual or perennial. Shrublet, herb. Ht 0.3–0.7 m. Alt 15–1890 m. NC, WC

piptocoma O.Hoffm.
Annual. Herb. Ht 0.1–0.45 m. Alt 5–1400 m. N, NC, WC

plebeius DC. = **S. laevigatus** var. **laevigatus**

pleistocephalus S.Moore
Perennial. Shrub, scandent, ± succulent. Ht 0.75–4.75 m. Alt 50–1475 m. N, LIM, NW, G, M, S, KZN

polelensis Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 2040–2370 m. KZN

polyanthemoides Sch.Bip.
Annual. Herb. Ht 0.3–1.8 m. Alt 40–1800 m. LIM, NW, M, S, KZN, WC, EC

polyanthemus DC. var. *epitrachys* DC. = **S. juniperinus** var. **epitrachys**

polyodon DC. var. **polyodon**
S. breyeri S.Moore (26)
S. metallicorum S.Moore (26)
S. versicolor Hiern (26)
Perennial. Herb. Ht 0.3–0.9 m. Alt 230–3100 m. G, M, S, FS, KZN, L, EC

polyodon DC. var. **subglaber** (Kuntze) Hilliard & B.L.Burtt
S. concolor DC. var. *subglaber* O.Hoffm. ex Kuntze (26)
Perennial. Herb. Ht 0.2–0.9 m. Alt 1700–3100 m. M, FS, KZN, L, EC

populifolius L. = **S. halimifolius**

poseideonis Hilliard & B.L.Burtt
Biennial? Herb. Ht 0.7–1.3 m. Alt 915–1295 m. KZN, EC

praeteritus Killick
Perennial. Herb. Ht 0.25–0.45 m. Alt 650–2250 m. KZN, EC

prionites MacOwan = **S. hypochoerideus**

prionites MacOwan var. *laxus* MacOwan = **S. macowanii**

prostratus Klatt
Perennial. Herb. Ht 0.1–0.2 m. Alt 1770–2270 m. EC

pseudo-elegans Less. = **S. elegans**

pseudo-rhyncholaenus Thell. excl. var. *auriculatus* Thell. = **S. subrubriflorus**

pseudo-rhyncholaenus Thell. var. *auriculatus* Thell. = **S. rhyncholaenus**

pseudo-sceptrum Steud. = **S. spiraeifolius**

pterophorus DC.
S. pterophorus DC. var. *apterus* Harv. (26)
Annual. Shrub, herb. Ht 0.3–1.8 m. Alt 15–1980 m. KZN, L, WC, EC

pterophorus DC. var. *apterus* Harv. = **S. pterophorus**

puberulus DC.
Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt 5–700 m. EC

pubigerus L.
S. squamosus Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 5–1585 m. WC

pullus Klatt (1896) = **S. umgeniensis**

purpureus L.
S. mucronulatus Sch.Bip. (26)
Perennial. Herb. Ht 0.2–1.5 m. Alt 5–1830 m. KZN, WC, EC

pyramidatus DC.
Perennial. Shrub, shrublet, succulent. Ht 0.5–1 m. Alt 20–550 m. EC

qathlambanus Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 2300–3275 m. KZN, L, EC

quercifolius Thunb. = **S. ilicifolius**

quinqueflorus DC. = **S. bipinnatus**

quinquelobus (Thunb.) DC.
Cacalia quinqueloba Thunb. (1)
Perennial. Herb, climber, ± succulent. Ht 1–4 m. Alt 10–1370 m. KZN, WC, EC

quinquelobus (Thunb.) DC. var. *helminthioides* Sch.Bip. = **S. helminthioides**

quinquenervius Sond.
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt? WC, EC

radicans (L.f.) Sch.Bip.
Kleinia radicans (L.f.) Haw. (26)
S. adenocalyx Dinter (25)
Perennial. Herb, succulent. Ht 0.05–0.15 m. Alt 20–1900 m. N, LIM, G, FS, KZN, L, NC, WC, EC

rautaneni S.Moore = **S. eenii**

rehmannii Bolus
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt 100–550 m. WC

repandus Thunb.
S. inconstans DC. (1)
S. membranifolius DC. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt 160–2165 m. NC, WC

reptans Turcz.
Perennial. Herb. Ht 0.05–0.15 m. Alt 915–1615 m. NW, FS, NC, EC

retortus (DC.) Benth.
Felicia retorta DC. (3)
Perennial. Shrublet. Ht 0.1–0.4 m. Alt? WC

retrorsus DC.
S. graminicolus C.A.Sm. (26)
S. latifolius DC. var. *barbellatus* (DC.) Harv. (26)
S. latifolius DC. var. *retrorsus* (DC.) Harv. (26)
S. retrorsus DC. var. *subedentulus* DC. (26)
Perennial. Herb. Ht 0.2–0.8 m. Alt 20–2135 m. KZN, L, EC

retrorsus DC. var. *subedentulus* DC. = **S. retrorsus**

rhomboideus Harv.
S. dieterlenii E.Phillips (26)
Perennial. Herb, succulent. Ht 0.2–1 m. Alt 30–3020 m. LIM, M, FS, KZN, L, WC, EC

rhopalophyllus (Dinter) Merxm. = **S. aloides**

rhyncholaenus DC.
S. pseudo-rhyncholaenus Thell. var. *auriculatus* Thell. (26)
Perennial. Herb. Ht 0.3–0.6 m. Alt 90–1525 m. S, KZN, EC

rigescens Jacq. = **S. rosmarinifolius**

rigidus L.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 10–1615 m. WC, EC

robertiifolius DC.
Perennial. Herb. Ht 0.2–0.5 m. Alt 850–1615 m. NC, WC, EC

rosmarinifolius L.f.
S. asper Aiton (1)
S. rigescens Jacq. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 5–1350 m. NC, WC, EC

rowleyanus H.Jacobsen
Perennial. Herb, prostrate, succulent. Ht 0.05–0.2 m. Alt? WC, EC

rubens Juss. ex Jacq. = **Crassocephalum rubens**

ruderalis Harv. = **S. madagascariensis**

ruwenzoriensis S.Moore
S. othonniformis Fourc. (26)
S. paucifolius DC. (26)
Perennial. Herb, succulent. Ht 0.15–0.75 m. Alt 85–2850 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

sandersonii Harv.
S. drakensbergis Klatt (26)
Perennial. Herb. Ht 0.3–0.5 m. Alt ?–1675 m. KZN

saniensis Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.25–0.45 m. Alt 2865–3135 m. KZN, L

sarcoides C.Jeffrey
S. corymbiferus DC. (39)
S. phonolithicus Dinter (25)
S. succulentus DC. (36)
Perennial. Shrub, shrublet, succulent. Ht 0.3–1 m. Alt 5–1005 m. N, NC, WC

scabriusculus DC. = **S. pinnulatus**

scandens DC. = **Delairea odorata**

scapiflorus (L'Hér.) C.A.Sm.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1310 m. NC, WC

scaposus DC.
S. calamifolius Hook. (1)
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 20–670 m. WC, EC

sceleratus Schweick. = **S. latifolius**

schinzii O.Hoffm. = **Emilia ambifaria**

scitus Hutch. & Burtt Davy
Perennial. Herb. Ht 0.2–0.6 m. Alt 1115–3050 m. LIM, G, M, S, FS, KZN, L, EC

scoparius Harv.
S. caulopterus Harv., not of DC., concept invalid (26)
S. colensoensis O.Hoffm. ex Kuntze (29)
Perennial. Herb. Ht 0.6–1.5 m. Alt 365–1525 m. M, S, KZN, EC

segmentatus Oliv. = **Lopholaena segmentata**

seminiveus J.M.Wood & M.S.Evans
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 1615–3355 m. FS, KZN, L, EC

serpens G.D.Rowley
Kleinia repens L. (39)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 400–1800 m. WC

serra Sond. = **S. inornatus**

serratuloides DC.
S. serratuloides DC. var. *glabratus* DC. (26)
Perennial. Herb. Ht 0.3–1 m. Alt 155–2425 m. LIM, M, G, S, KZN, EC

serratuloides DC. var. *dieterlenii* Thell. = **S. gregatus**

serratuloides DC. var. *glabratus* DC. = **S. serratuloides**

serratuloides DC. var. *gracilis* Harv. = **S. gregatus**

serratuloides DC. var. *holubii* Thell. = **S. gregatus**

serratuloides DC. var. *rehmannii* Thell. = **S. gregatus**

serratus E.Mey. = **S. incomptus**

serrulatus DC.
Perennial. Herb. Ht 0.2–0.5 m. Alt 2195–2470 m. L, EC

serrurioides Turcz.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 425–825 m. EC

sessilis Thunb. = **S. halimifolius**

sisymbriifolius DC.
Annual. Herb. Ht 0.1–0.6 m. Alt 195–1405 m. N, NC

sisymbriifolius Dinter, not of DC., concept invalid = **S. apiifolius**

skirrhodon DC.
S. madagascariensis Poir. var. *crassifolius* Humbert (26)
Perennial. Herb, ± succulent. Ht 0.4–0.5 m. Alt 5–10 m. KZN, EC

sneeuwbergensis Bolus = **S. inornatus**

sociorum Bolus
Perennial. Shrublet. Ht 0.3–0.5 m. Alt 320–395 m. WC

solidagineus Spreng. = **S. halimifolius**

solidaginoides P.J.Bergius = **S. halimifolius**

sophioides DC.
Annual. Herb. Ht 0.1–0.3 m. Alt 180–1615 m. WC

speciosus Willd.
S. concolor DC. (26)
Perennial. Herb. Ht 0.15–0.75 m. Alt 10–3200 m. LIM, M, S, FS, KZN, L, WC, EC

spiraeifolius Thunb.
S. ecklonianus DC. (1)
S. pedicularifolius DC. (1)
S. pseudo-sceptrum Steud. (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 820–1370 m. NC, WC

squamosus Thunb. = **S. pubigerus**

stapeliiformis E.Phillips = **Kleinia stapeliiformis**

striatifolius DC.
Perennial. Herb. Ht 0.3–0.75 m. Alt 60–2010 m. LIM, NW, G, M, FS, KZN, EC

striatus Thunb. = **Osteospermum bidens**

strictifolius Hiern
Annual. Herb. Ht 1.5–1.75 m. Alt? N, B

subcanescens (DC.) Compton
S. lyratus L.f. var. *subcanescens* (DC.) Harv. (18)
Perennial. Shrub, herb. Ht 0.4–1.5 m. Alt 60–900 m. WC, EC

subcoriaceus Schltr.
S. basutensis Thell. (1911) (26)
Perennial. Herb. Ht 0.1–0.4 m. Alt 1185–2590 m. LIM, G, M, FS, KZN, L, EC

submontanus Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.35–0.75 m. Alt 1550–2440 m. KZN

subnudus DC. = **S. oxyriifolius**

subpeltatus Steud. = **S. oxyriifolius**

subrubriflorus O.Hoffm.
S. pseudo-rhyncholaenus Thell. excl. var. *auriculatus* Thell. (26)
S. viscidus N.E.Br. (26)
Perennial. Herb. Ht 0.2–0.7 m. Alt 1070–2500 m. M, FS, KZN, L

subsinuatus DC.
Perennial. Suffrutex, ± succulent. Ht 0.3–0.45 m. Alt? WC?

succulentus DC. = **S. sarcoides**

sulcatus DC. = **S. crispus**

sulcicalyx Baker
Kleinia pusilla (Dinter) Merxm. (34)
Othonna pusilla Dinter (34)
S. iosensis G.D.Rowley (34)
S. klinghardtianus Dinter (34)
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt? N

surculosus MacOwan
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–670 m. EC

swaziensis Compton = **S. glaberrimus**

tamoides DC.
Perennial. Herb, climber, ± succulent. Ht 0.7–6 m. Alt 10–1905 m. LIM, M, S, KZN, EC

tanacetoides Sond. ex Harv. = **S. tanacetopsis**

tanacetopsis Hilliard
S. tanacetoides Sond. ex Harv. (26)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.45 m. Alt 1370–2500 m. FS, KZN, L, EC

telmateius Hilliard
Perennial. Herb. Ht 0.15–0.3 m. Alt 2195–2440 m. KZN, L

tenellulus S.Moore = **Emilia tenellula**

tenellus DC.
Annual. Herb. Ht 0.07–0.15 m. Alt? WC

tenuilobus DC. = **S. umbellatus**

thamathuensis Hilliard
Perennial. Herb. Ht 0.2–0.5 m. Alt 2105–2135 m. KZN

thermarum Bolus = **Emilia transvaalensis**

thunbergii Harv.
Cacalia tomentosa Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? EC

thyrsoideus DC. = **S. barbatus**

tomentosus Salisb. = **S. cinerascens**

tortuosus DC.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–915 m. WC

toxotis C.Jeffrey
Kleinia archeri Compton (36)
S. archeri (Compton) H.Jacobsen (36)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt? WC

trachylaenus Harv.
Annual. Herb. Ht 0.3–0.45 m. Alt ?–915 m. NC

trachyphyllus Schltr.
Perennial. Suffrutex. Ht 0.35–0.75 m. Alt ?–500 m. WC

transvaalensis Bolus = **Emilia transvaalensis**

trifurcatus Klatt = **S. triodontiphyllus**

triodontiphyllus C.Jeffrey
S. trifurcatus Klatt (36)
Perennial. Herb. Ht 0.3–0.8 m. Alt 975–1100 m. M

triplinervius DC.
Perennial. Herb. Ht 0.3–0.6 m. Alt? EC

triqueter DC.
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 120–640 m. WC

tropaeolifolius MacOwan

Perennial. Herb, ± succulent. Ht 0.2–0.4 m. Alt 640–825 m. EC

tuberosus (DC.) Harv.
Brachyrhynchos tuberosus DC. (1)
Doria pinnatifida Thunb. (1)
S. incertus DC. (1)
Perennial. Herb. Ht 0.15–0.45 m. Alt 105–1450 m. WC

tugelensis J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.1–0.3 m. Alt 2700–3355 m. KZN, L, EC

tysonii MacOwan
S. curtophyllus Klatt (26)
Perennial. Herb. Ht 0.5–1.5 m. Alt 1370–1830 m. KZN, EC

ulopterus Thell.
Perennial. Herb. Ht 0.3–0.6 m. Alt 1200–2380 m. KZN

umbellatus L.
S. tenuilobus DC. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 45–1525 m. WC, EC

umgeniensis Thell.
S. basutensis Thell. (1921) in part (26)
S. pullus Klatt (1896) (26)
Perennial. Herb. Ht 0.1–0.25 m. Alt 150–1050 m. KZN

urophyllus Conrath
Perennial. Herb. Ht 0.3–0.8 m. Alt 200–1705 m. G, M, KZN

ustulatus DC. = **S. littoreus** var. **littoreus**

variabilis Sch.Bip.
S. erubescens Aiton var. *crepidifolius* Harv., not of DC., concept invalid (26)
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–600 m. KZN, EC

variifolius DC. = **S. lyratus**

venosus Harv.
Perennial. Herb. Ht 0.2–1.2 m. Alt 300–1725 m. B, LIM, NW, G, M, S, KZN

venustus Aiton = **S. grandiflorus**

verbascifolius Burm.f.
Cineraria hypoleuca Sieber (1)
Cineraria tussilaginea Thunb. in part (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 800–1000 m. WC

verdoorniae R.A.Dyer = **S. lydenburgensis**

vernonioides Sch.Bip. = **S. erubescens** var. **erubescens**

versicolor Hiern = **S. polyodon** var. **polyodon**

vestitus (Thunb.) P.J.Bergius
Jacobaea vestita Thunb. (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 700–1690 m. NC, WC

villifructus Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1280–1370 m. KZN

viminalis Bremek.
Perennial. Shrub, scandent, succulent. Ht 0.5–4.5 m. Alt 55–1010 m. LIM, M, S, KZN

vimineus Harv., not of DC., concept invalid = **S. harveianus**

viridiflorus Hutch. = **Emilia marlothiana**

viscidulus Compton
Perennial. Herb. Ht 0.2–0.35 m. Alt 610–1675 m. S, KZN

viscidus N.E.Br. = **S. subrubriflorus**

vitalis N.E.Br.
Perennial. Shrub, succulent. Ht 0.75–0.9 m. Alt 5–715 m. EC

volkameri Sch.Bip. = **S. arenarius**

***vulgaris** L.
Annual. Herb. Ht 0.15–0.5 m. Alt 5–570 m. G, L, WC, EC

waterbergensis S.Moore
Perennial. Shrublet. Ht 0.3–0.5 m. Alt? LIM

welwitschii O.Hoffm. = **Kleinia fulgens**

windhoekensis Merxm.
Annual. Herb. Ht 0.25–0.6 m. Alt 900–1675 m. N, NC

wittebergensis Compton
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–1600 m. WC

zeyheri Turcz. = **S. oxyodontus**

SERIPHIUM L. 9037010

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

adpressum DC. = **Dicerothamnus rhinocerotis**

alopecuroides Lam. = **Stoebe alopecuroides**

cinereum L.
Stoebe cinerea (L.) Thunb. (1)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 0–1600 m. LIM, M, FS, WC, EC

fuscum L. = **Stoebe fusca**

gnaphaloides L. = **Myrovernix gnaphaloides**

gomphrenoides Lam. = **Stoebe gomphrenoides**

incanum (Thunb.) Pers.
Stoebe incana Thunb. (1)
Stoebe leiocarpa Sch.Bip. (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–1100 m. WC

nervigerum DC. = **Stoebe nervigera**

phyllostachyum DC. = **Stoebe phyllostachya**

plumosum L.
Artemisia ambigua Thunb. (1)
Artemisia vermiculata L. (1)
Elytropappus ruscianus Dinter (1)
Stoebe burchellii Levyns (1)
Stoebe cinerea Thunb. var. *plumosa* (Less.) Harv. (1)
Stoebe plumosa (L.) Thunb. (1)
Stoebe vulgaris Levyns (1)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 0–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

prostratum (L.) Lam. = **Stoebe prostrata**

saxatilis (Levyns) Koekemoer
Stoebe saxatilis Levyns (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1000–1600 m. WC

spirale (Less.) Koekemoer
Stoebe filaginea (DC.) Sch.Bip.
Stoebe spiralis Less. (1)
Stoebe spiralis Less. var. *flavescens* (DC.) Harv. (1)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 200–1400 m. WC

SERRATULA L. 9474000

arvensis L. = **Cirsium arvense**

*SIGESBECKIA L. 9160000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 300–302.

orientalis L.
Annual. Herb. Ht up to 1 m. Alt 10–2010 m. LIM, KZN, EC

*SILYBUM Adans. 9464000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 579, 580.

marianum (L.) Gaertn.
Carduus marianus L. (1)
Annual. Herb. Ht 0.3–1.2 m. Alt 600–1600 m. G, EC

SOLANECIO (Sch.Bip.) Walp. 9411110

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 372.
(2) Jeffrey. 1986. *Kew Bulletin* 41: 920–923.
(3) Herman *et al.* 1997. *List of southern African succulent plants*: 40.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 329, 330.

angulatus (Vahl) C.Jeffrey
Crassocephalum bojeri (DC.) Robyns (2)
Crassocephalum subscandens (A.Rich.) S.Moore (1, 2)
Perennial. Shrub, climber, succulent. Ht up to 30 m. Alt 10–945 m. LIM, KZN

*SOLIVA Ruíz & Pav. 9352000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 268.
(2) Tutin. 1976. *Flora europaea* 4: 178.
(3) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 159, 160.

pterosperma (Juss.) Less. = **S. sessilis**

sessilis Ruíz & Pav.
Gymnostyles pterosperma Juss. (1)
S. pterosperma (Juss.) Less. (3)
Annual. Herb. Length 0.05–0.2 m. Alt? KZN, WC, EC

SONCHUS L. 9595000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 140: 3, 4.
(2) Boulos. 1973. *Botaniska Notiser* 126: 155–196.
(3) Hilliard. 1977. *Compositae in Natal*: 621–629.
(4) Pope. 1992. *FZ* 6,1: 221–229.
(5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 330, 331.

asper** (L.) Hill subsp. **asper
S. gigas Boulos ex Humbert (4)
S. gigas Boulos ex Humbert subsp. *medius* Boulos ex Humbert (4)
S. oleraceus L. var. *asper* L. (1, 3, 4)
Annual, occ. perennial. Herb. Ht 0.2–2 m. Alt 5–1700 m. N, B, LIM, NW, G, S, FS, KZN, L, NC, WC

***asper** (L.) Hill subsp. **glaucescens** (Jord.) Ball*
S. glaucescens Jord. (2)
Annual. Herb. Ht 0.07–0.5 m. Alt 500–700 m. FS, EC

dregeanus DC.
S. ecklonianus DC. (3)
Perennial. Herb. Ht 0.12–0.9 m. Alt 3–2200 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

ecklonianus DC. = **S. dregeanus**

friesii Boulos var. **friesii**
Perennial. Herb. Ht up to 1 m. Alt 0–1000 m. KZN

gigas Boulos ex Humbert = **S. asper** subsp. **asper**

gigas Boulos ex Humbert subsp. *medius* Boulos ex Humbert = **S. asper** subsp. **asper**

glaucescens Jord. = **S. asper** subsp. **glaucescens**

goreensis Lam. = **Launaea intybacea**

integrifolius Harv. var. **integrifolius**
Perennial. Herb. Ht up to 0.4 m. Alt 0–1800 m. LIM, NW, G, M, S, FS, KZN, L, EC

integrifolius Harv. var. **schlechteri** R.E.Fr.
Perennial. Herb. Ht up to 0.4 m. Alt 5–2200 m. M, FS, KZN, L

jacottetianus Thell.
Perennial. Herb. Ht up to 0.3 m. Alt 1600–2000 m. KZN

lanifer Dinter = **Launaea rarifolia**

***maritimus** L.*
S. otaviensis Dinter (1)
Perennial. Herb. Ht up to 0.6 m. Alt 5–1200 m. N, LIM, NW, G, KZN, NC, WC

nanus Sond. ex Harv.
Perennial. Herb. Ht up to 0.2 m. Alt 1200–3400 m. LIM, NW, G, M, S, FS, KZN, L

***oleraceus** L.*
Annual. Herb. Ht 0.1–1.5 m. Alt 3–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

oleraceus L. var. *asper* L. = **S. asper** subsp. **asper**

otaviensis Dinter = **S. maritimus**

rarifolius Oliv. & Hiern = **Launaea rarifolia**

scapiforme Thell. = **Lactuca tysonii**

tenerrimus L.
Annual. Herb. Ht 0.1–0.8 m. Alt ± 1200 m. NC

tysonii E.Phillips = **Lactuca tysonii**

wilmsii R.E.Fr.
Perennial. Herb. Ht up to 1 m. Alt 0–1500 m. LIM, NW, G, M, S, FS, KZN, EC

SPHAERANTHUS L. 8955000

Compiled by P.P.J. Herman

(1) Robyns. 1924. *Kew Bulletin* 1924: 177–199.
(2) Ross-Craig. 1955. *Hooker's Icones Plantarum* 36: 1–90, t. 3501–3525.
(3) Merxmüller. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 249, 250.
(4) Merxmüller. 1967. *FSWA* 139: 173–175.
(5) Kers. 1969. *Dinteria* 2: 3–12.
(6) Wild. 1980. *Kirkia* 12: 19, 20, 96–113.
(7) Anderberg. 1991. *Plant Systematics and Evolution* 176: 169.

brounae Robyns = **S. flexuosus**

calcareus Robyns = **S. flexuosus**

dinteri Muschl. = **S. flexuosus**

epigaeus Schinz
Annual. Herb. Ht 0.15–0.5 m. Alt 1000–1050 m. N

flexuosus O.Hoffm. ex De Wild.
S. brounae Robyns (2)
S. calcareus Robyns (6)
S. dinteri Muschl. (4)
S. humilis O.Hoffm. (6)
S. kalahariensis Bremek. & Oberm. (6)
Annual, occ. perennial. Herb. Ht 0.13–0.6 m. Alt 900–1500 m. N, B

humilis O.Hoffm. = **S. flexuosus**

incisus Robyns = **S. peduncularis** subsp. **peduncularis**

kalahariensis Bremek. & Oberm. = **S. flexuosus**

madagascariensis Robyns = **S. peduncularis** subsp. **rogersii**

neglectus in sense of Ross-Graig = **S. peduncularis** subsp. **rogersii**

peduncularis DC. subsp. **peduncularis**
S. incisus Robyns (6)
Perennial. Herb. Ht up to 0.9 m. Alt 30–1005 m. N?, B, LIM, M, S, KZN, EC

peduncularis DC. subsp. **rogersii** (N.E.Br.) Wild
S. madagascariensis Robyns (2)
S. neglectus in sense of Ross-Graig (6)
S. rogersii N.E.Br. (2, 6)
Perennial. Herb. Ht 0.4–0.6 m. Alt? N, B

rogersii N.E.Br. = **S. peduncularis** subsp. **rogersii**

wattii Giess ex Merxm.
Perennial. Dwarf shrub. Ht up to 0.9 m. Alt? N

SPHAEROCLINIUM Sch.Bip. 9339010

nigellifolium (DC.) Sch.Bip. = **Cotula nigellifolia** var. **nigellifolia**

***SPHAGNETICOLA** O.Hoffm. 9192020

Compiled by N. Netnou

(1) Pruski. 1996. *Novon* 6: 404–418.

trilobata (L.) Pruski
Thelechitonia trilobata (L.) H.Rob. & Cuatrec. (1)
Wedelia paludosa DC. (1)
Wedelia trilobata (L.) Hitchc. (1)
Perennial. Herb, creeper. Length up to 0.5 m. Alt 119–900 m. M, KZN

SPHENOGYNE R.Br. 9431010

abrotanifolia R.Br. = **Ursinia abrotanifolia**

adonidifolia DC. = **Ursinia anthemoides** subsp. **anthemoides**

anethifolia Less. = **Ursinia paleacea**

anethoides DC. = **Ursinia anethoides**

anethoides DC. var. *brachyglossa* DC. = **Ursinia punctata**

anethoides DC. var. *ramossima* DC. = **Ursinia punctata**

anthemoides (L.) R.Br. = **Ursinia anthemoides** subsp. **anthemoides**

anthemoides (L.) R.Br. var. *versicolor* (DC.) Harv. = **Ursinia anthemoides** subsp. **versicolor**

brachyloba Kunze = **Ursinia brachyloba**

brachypoda Harv. = **Ursinia hispida**

brevifolia DC. = **Ursinia discolor**

calendulaeflora DC. = **Ursinia calenduliflora**

chamomillaefolia DC. = **Ursinia nudicaulis**

chamomillaefolia DC. var. *elongata* Harv. = **Ursinia nudicaulis**

chrysanthemoides Less. = **Ursinia chrysanthemoides**

ciliaris DC. = **Ursinia tenuifolia** subsp. **ciliaris**

concolor Harv. = **Ursinia punctata**

coronopifolia Less. = **Ursinia coronopifolia**

crithmifolia R.Br. = **Ursinia paleacea**

crithmifolia R.Br. var. *grandiflora* Harv. = **Ursinia paleacea**

crithmifolia R.Br. var. *trifurcata* DC. = **Ursinia paleacea**

dentata (L.) R.Br. = **Ursinia dentata**

dentata (L.) R.Br. var. *setigera* (DC.) Harv. = **Ursinia dentata**

discolor Less. = **Ursinia discolor**

dregeana DC. = **Ursinia dregeana**

eckloniana Sond. = **Ursinia eckloniana**

filipes E.Mey. ex DC. = **Ursinia filipes**

foeniculacea (Jacq.) Less. = **Ursinia anthemoides** subsp. **anthemoides**

gracilis DC. = **Ursinia punctata**

grandiflora DC. = **U. paleacea**

heterodonta DC. = **Ursinia heterodonta**

hispida DC. = **Ursinia hispida**

leptoglossa DC. = **Ursinia trifida** forma **trifida**

macropoda DC. = **Ursinia macropoda**

microcephala DC. = **Ursinia anthemoides** subsp. **anthemoides**

nudicaulis (Thunb.) Less. = **Ursinia nudicaulis**

nudicaulis (Thunb.) Less. var. *alpina* Harv. = **Ursinia nudicaulis**

nudicaulis (Thunb.) Less. var. *gracilior* Harv. = **Ursinia nudicaulis**

paleacea (Thunb.) Less. = **Ursinia subflosculosa**

pauciloba DC. = **Ursinia punctata**

pilifera (P.J.Bergius) DC. = **Ursinia pilifera**

pussila DC. = **Ursinia anthemoides** subsp. **anthemoides**

quinquepartita DC. = **Ursinia quinquepartita**

rigidula DC. = **Ursinia rigidula**

scapiformis DC. = **Ursinia nudicaulis**

scariosa (Aiton) R.Br. = **Ursinia scariosa** subsp. **scariosa**

sericea (Thunb.) Less. = **Ursinia sericea**

serrata (L.f.) DC. = **Ursinia serrata**

setigera DC. = **Ursinia dentata**

speciosa Knowles & Westc. = **Ursinia anthemoides** subsp. **anthemoides**

subflosculosa DC. = **Ursinia subflosculosa**

subhirsuta DC. = **Ursinia scariosa** subsp. **subhirsuta**

tenuifolia (L.) DC. = **Ursinia tenuifolia** subsp. **tenuifolia**

tenuifolia (L.) DC. var. *heterochroma* Harv. = **Ursinia tenuifolia** subsp. **tenuifolia**

trifida (Thunb.) Less. = **Ursinia trifida** forma **trifida**

trifurca Harv. = **Ursinia tenuifolia** subsp. **ciliaris**

triloba DC. = **Ursinia trifida** forma **trifida**

tripartita DC. = **Ursinia quinquepartita**

versicolor DC. = **Ursinia anthemoides** subsp. **versicolor**

SPILANTHES Jacq. 9207000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 313–315.

acmella of author, not of (L.) Murray, concept invalid = **S. mauritiana**

africana DC. = **S. mauritiana**

***decumbens** (Sm.) A.H.Moore
S. repens of authors, not of Micheli, concept invalid (1)
Annual. Decumbent herb. Length up to 0.5 m. Alt 45–1065 m. KZN, EC

mauritiana (Pers.) DC.
S. acmella of author, not of (L.) Murray, concept invalid (1)
S. africana DC. (1)
Annual. Herb, occ. creeper. Ht up to 0.4 m. Alt 5–2550 m. LIM, M, S, KZN, EC

repens of authors, not of Micheli, concept invalid = **S. decumbens**

SPIRALEPIS D.Don 9008010

declinata (L.f.) D.Don = **Gnaphalium declinatum**

STAEHELINA L. 9456000

centauroides L. = **Athanasia crenata**

corymbosa L.f. = **Vernonia tigna**

fasciculata Thunb. = **Lachnospermum fasciculatum**

gnaphaloides L. = **Syncarpha gnaphaloides**

imbricata P.J.Bergius = **Lachnospermum imbricatum**

STEIRODISCUS Less. 9421010

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 159, 160.
(2) Schlechter. 1900. *Botanische Jahrbücher* 27: 216, 217.
(3) Phillips. 1950. *Journal of South African Botany* 16: 15–17.
(4) Nordenstam. 1968. *Opera Botanica* 20: 30, 31, 33.
(5) Nordenstam. 1969. *Botaniska Notiser* 122: 398–408.
(6) Jeffrey. 1992. *Kew Bulletin* 47: 99.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 364.

capillaceus (Thunb.) Less.
Cineraria capillacea Thunb. (1)
Psilothonna capillacea (Thunb.) E.Phillips (4)
Annual. Herb. Ht 0.05–0.2 m. Alt 45–1143 m. NC, WC

gamolepis Bolus ex Schltr.
Psilothonna gamolepis (Bolus ex Schltr.) E.Phillips (4)
Annual. Herb. Ht 0.05–0.1 m. Alt 90–215 m. WC

linearilobus DC.
Annual. Herb. Ht 0.01–0.15 m. Alt? WC

schlechteri Bolus ex Schltr.
Psilothonna schlechteri (Bolus ex Schltr.) E.Phillips (4)
Annual. Herb. Ht 0.05–0.2 m. Alt 50–150 m. WC

speciosus (Pillans) B.Nord.
Gamolepis speciosa Pillans (5)
Psilothonna speciosa (Pillans) E.Phillips (5)
Annual. Herb. Ht 0.08–0.2 m. Alt up to 120 m. WC

tagetes (L.) Schltr.
Gamolepis tagetes (L.) DC. (2, 5)
Othonna tagetes L. (3)
Psilothonna tagetes (L.) E.Mey. (4)
Annual. Herb. Ht 0.08–0.3 m. Alt 15–115 m. WC

STENOCLINE DC. 9003000

tomentosula Klatt = **Helichrysum tomentosulum** subsp. **tomentosulum**

STEPHANOCOMA Less. 9438050

carduoides Less. = **Berkheya carduoides**

STILPNOGYNE DC. 9385000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 306.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 364.

bellidioides DC.
Annual. Herb. Ht 0.05–0.2 m. Alt 200–1450 m. NC, WC

STILPNOPHYTON Less. 9369000

axillare (Thunb.) Less. = **Athanasia minuta** subsp. **minuta**

inopinatum Hutch. = **Athanasia inopinata**

linifolium (L.f.) Less. = **Athanasia linifolia**

linifolium (L.f.) Less. var. *longifolium* (Thunb.) Harv. = **Athanasia linifolia**

longifolium (Thunb.) Less. = **Athanasia linifolia**

oocephalum DC. = **Athanasia oocephala**

STOBAEA Thunb. 9438060

acanthopoda DC. = **Berkheya acanthopoda**

acarnoides DC. = **Berkheya discolor**

aristosa DC. = **Berkheya rhapontica** subsp. **aristosa** var. **aristosa**

atractyloides (L.) Thunb. var. *carlinoides* (Thunb.) DC. = **Berkheya onobromoides** var. **carlinoides**

biloba DC. = **Berkheya heterophylla** var. **heterophylla**

bipinnatifida Harv. = **Berkheya bipinnatifida** subsp. **bipinnatifida**

buphthalmoides DC. = **Berkheya buphthalmoides**

cardopatifolia DC. = **Berkheya cardopatifolia**

carlinaefolia DC. = **Berkheya carlinifolia** subsp. **carlinifolia**

cirsiifolia DC. = **Berkheya cirsiifolia**

cruciata (Houtt.) Harv. = **Berkheya cruciata** subsp. **cruciata**

discolor DC. = **Berkheya discolor**

echinacea Harv. = **Berkheya echinacea** subsp. **echinacea**

echinopoda DC. = **Berkheya decurrens**

epitrachys DC. = **Berkheya pinnatifida** subsp. **pinnatifida**

eriobasis DC. = **Berkheya eriobasis**

erysithales DC. = **Berkheya erysithales**

gerrardii Harv. = **Berkheya echinacea** subsp. **echinacea**

glabrata Thunb. = **Berkheya glabrata**

glabriuscula DC. = **Berkheya decurrens**

glomerata (Thunb.) Spreng. = **Platycarpha glomerata**

grandifolia DC. = **Berkheya multijuga**

helianthiflora DC. = **Berkheya decurrens**

heterophylla Thunb. = **Berkheya heterophylla** var. **heterophylla**

heterophylla Thunb. var. *radiata* DC. = **Berkheya heterophylla** var. **radiata**

insignis Harv. = **Berkheya insignis**

mackenii Harv. = **Berkheya mackenii**

membranifolia DC. = **Berkheya decurrens**

microcephala DC. = **Berkheya discolor**

multijuga DC. = **Berkheya multijuga**

onobromoides DC. = **Berkheya onobromoides** var. **onobromoides**

onopordifolia DC. = **Berkheya onopordifolia** var. **onopordifolia**

oppositifolia DC. = **Berkheya spinosissima** subsp. **namaensis** var. **namaensis**

petiolata DC. = **Berkheya decurrens**

pinnata Thunb. = **Heterorhachis aculeata**

pinnatifida of author, not of Thunb. = **Berkheya carlinifolia** subsp. **promontorii**

pinnatifida Thunb. = **Berkheya pinnatifida** subsp. **pinnatifida**

platyptera Harv. = **Berkheya rhapontica** subsp. **platyptera**

polyacantha DC. = **Berkheya decurrens**

purpurea DC. = **Berkheya purpurea**

radula Harv. = **Berkheya radula**

rhapontica DC. = **Berkheya rhapontica** subsp. **rhapontica**

rigida Thunb. = **Berkheya rigida**

scolymoides DC. = **Berkheya decurrens**

seminivea DC. = **Berkheya bipinnatifida** subsp. **bipinnatifida**

sonchifolia Harv. = **Berkheya erysithales**

speciosa DC. = **Berkheya speciosa** subsp. **speciosa**

sphaerocephala DC. = **Berkheya sphaerocephala**

viscosa DC. = **Berkheya viscosa**

zeyheri Sond. & Harv. = **Berkheya zeyheri** subsp. **zeyheri**

STOEBE L. 9037000

Compiled by M. Koekemoer

(1) Harvey. 1865. *FC* 3: 285.
(2) Levyns. 1937. *Journal of South African Botany* 3: 1–35.
(3) Pillans. 1954. *Journal of South African Botany* 20: 47–90.
(4) Koekemoer. 1999. *Bothalia* 29: 65–75.
(5) Koekemoer. 2002. *Systematics of the* Metalasia *group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

aethiopica L.
S. phylicoides Thunb. (2)
Perennial. Shrub. Ht 0.2–1.6 m. Alt 100–1900 m. WC

affinis S.Moore = **S. capitata**

alopecuroides (Lam.) Less.
Amphiglossa alopecuroides Sch.Bip. (4)
Seriphium alopecuroides Lam. (2)
Perennial. Shrub. Ht 0.3–1.8 m. Alt 100–1200 m. WC, EC

aspera Thunb. = **Helichrysum asperum** var. **asperum**

bruniades (Rchb.) Levyns = **S. capitata**

burchellii Levyns = **Seriphium plumosum**

capitata P.J.Bergius
Gymnachaena bruniades Rchb. (1)
S. affinis S.Moore (2)
S. bruniades (Rchb.) Levyns (2)
S. mossii S.Moore (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.7 m. Alt 0–900 m. WC

cernua Thunb. = **Dicerothamnus rhinocerotis**

cinerea (L.) Thunb. = **Seriphium cinereum**

cinerea Thunb. var. *plumosa* (Less.) Harv. = **Seriphium plumosum**

copholepis Sch.Bip. = **S. phyllostachya**

cupressina Rchb. = **Dicerothamnus rhinocerotis**

cyathuloides Schltr.
S. humilis Levyns (5)
S. sphaerocephala Schltr. (5)
Perennial. Shrub. Ht 0.2–0.8 m. Alt 0–400 m. WC

disticha L.f. = **Trichogyne ambigua**

ensorii Compton = **S. phyllostachya**

fasciculata Thunb. = **Trichogyne ambigua**

filaginea (DC.) Sch.Bip. = **Seriphium spirale**

fusca (L.) Thunb.
Seriphium fuscum L. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 200–1400 m. NC, WC

gomphrenoides (Lam.) P.J.Bergius
Metalasia pulcherrima Eckl. ex Harv. (3)
Seriphium gomphrenoides Lam. (2)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–200 m. WC

humilis Levyns = **S. cyathuloides**

incana Thunb. = **Seriphium incanum**

intricata Levyns = **Myrovernix intricata**

leiocarpa Sch.Bip. = **Seriphium incanum**

leucocephala DC.
S. squarrosa Harv. (2)
Perennial. Shrub. Ht 0.2–1 m. Alt 200–800 m. WC

microphylla DC.
Perennial. Shrub. Ht 0.2–0.35 m. Alt 1100–1400 m. WC, EC

montana Schltr. ex Levyns
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 1700–2300 m. WC

mossii S.Moore = **S. capitata**

muirii Levyns
Perennial. Shrub. Ht 0.3–0.8 m. Alt 0–100 m. WC

muricata Spreng. ex Sch.Bip. = **Myrovernix muricata**

nervigera (DC.) Sch.Bip.
Seriphium nervigerum DC. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 0–900 m. NC, WC

nivea Thunb. = **Dolichothrix ericoides**

phlaeoides (DC.) Sch.Bip. = **S. phyllostachya**

phylicoides Thunb. = **S. aethiopica**

phyllostachya (DC.) Sch.Bip.
Seriphium phyllostachyum DC. (2)
S. copholepis Sch.Bip. (2)
S. ensorii Compton (2)
S. phlaeoides (DC.) Sch.Bip. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–1000 m. WC, EC

plumosa (L.) Thunb. = **Seriphium plumosum**

prostrata L.
Seriphium prostratum (L.) Lam. (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.35 m. Alt 1000–1500 m. WC

reflexum L.f. = **Trichogyne repens**

rhinocerotis L.f. = **Dicerothamnus rhinocerotis**

rosea Wolley-Dod
Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–500 m. WC

rugulosa Harv.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–300 m. WC

salteri Levyns = **S. schultzii**

saxatilis Levyns = **Seriphium saxatilis**

scabra L.f. = **Myrovernix scaber**

schultzii Levyns
Perotriche microphylla Sch.Bip. (2)
S. salteri Levyns (2)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–200 m. WC

sphaerocephala Schltr. = **S. cyathuloides**

spiralis Less. = **Seriphium spirale**

spiralis Less. var. *flavescens* (DC.) Harv. = **Seriphium spirale**

squarrosa Harv. = **S. leucocephala**

vulgaris Levyns = **Seriphium plumosum**

STOMATANTHES R.M.King & H.Rob. 8816010

Compiled by E. Retief

(1) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 69–71.
(2) Retief & Herman. 1997. *Strelitzia* 6: 341.

africanus (Oliv. & Hiern) R.M.King & H.Rob.
Eupatorium africanum Oliv. & Hiern (1)
Perennial. Herb. Ht 0.3–0.4 m. Alt 1130–2200 m. LIM, M, S

SUSANNA E.Phillips 8887010

dinteri E.Phillips = **Felicia namaquana**

epaleacea (O.Hoffm.) E.Phillips = **Amellus epaleaceus**

microglossa (DC.) E.Phillips = **Amellus microglossus**

SYNCARPHA DC. 9000010

Compiled by P.P.J. Herman

(1) Candolle. 1838. *Prodromus* 6: 211–214.
(2) Harvey. 1865. *FC* 3: 256–260.
(3) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 392.
(4) Bolus. 1910. *Transactions of the Royal Society of South Africa* 1: 156, 157.
(5) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 316, 317.
(6) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 817.
(7) Levyns. 1941. *Journal of South African Botany* 7: 84, 85.
(8) Nordenstam. 1966. *Botaniska Notiser* 119: 368–370.
(9) Hilliard. 1983. *FSA* 33,7,2: 310.
(10) Nordenstam. 1989. *Compositae Newsletter* 17: 2–6.
(11) Goldblatt & Manning. 2000. *Strelitzia* 9: 365–368.
(12) Nordenstam. 2003. *Compositae Newsletter* 39: 52–57.

affinis (B.Nord.) B.Nord.
Helichrysum citrinum Less. (9, 10)
Helipterum affine B.Nord. (10)
Helipterum citrinum (Less.) Harv. & Sond., illegitimate name (10)
Perennial. Dwarf shrub. Ht 0.5–0.9 m. Alt 730–1000 m. NC, WC

argentea (Thunb.) B.Nord.
Helichrysum argenteum (Thunb.) Thunb. (10)
Xeranthemum argenteum Thunb. (10)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 0–250 m. EC

argyropsis (DC.) B.Nord.
Helipterum argyropsis DC. (10)
Perennial. Suffrutex. Ht 0.3–1.5 m. Alt 5–200 m. WC

aurea B.Nord.
Perennial. Subshrub. Ht up to 0.5 m. Alt up to 17 m. WC

canescens (L.) B.Nord. subsp. **canescens**
Helipterum canescens (L.) DC. var. *canescens* (10)
Xeranthemum canescens L. (2, 10)
Perennial. Suffrutex. Ht 0.2–1.5 m. Alt 10–1980 m. NC, WC, EC

canescens (L.) B.Nord. subsp. **leucolepis** (DC.) B.Nord.
Helipterum canescens (L.) DC. var. *leucolepis* DC. (10)
Perennial. Suffrutex. Ht? Alt? WC?

canescens (L.) B.Nord. subsp. **tricolor** (DC.) B.Nord.
Helipterum canescens (L.) DC. var. *tricolor* DC. (10)
Perennial. Suffrutex. Ht up to 0.6 m. Alt 240–1600 m. WC

chlorochrysum (DC.) B.Nord.
Helichrysum chlorochrysum DC. (12)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 7–280 m. WC

dregeana (DC.) B.Nord.
Helipterum dregeanum DC. (10)
Perennial. Suffrutex. Ht 0.2–0.9 m. Alt 700–1220 m. NC, WC

dykei (Bolus) B.Nord.
Helichrysum dykei Bolus (10)
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 1500–2020 m. WC

eximia (L.) B.Nord.
Gnaphalium eximium L. (2, 10)
Helipterum eximium (L.) DC. (2, 10)
Perennial. Shrub. Ht 0.6–2 m. Alt 150–1600 m. WC, EC

ferruginea (Lam.) B.Nord.
Helipterum ferrugineum (Lam.) DC. (10)
Xeranthemum ferrugineum Lam. (2, 10)
Perennial. Suffrutex. Ht 0.15–1.6 m. Alt 900–1625 m. WC

flava (Compton) B.Nord.
Helipterum flavum Compton (10)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 900–1830 m. WC

gnaphaloides (L.) DC.
Helipterum gnaphaloides (L.) DC. (10)
Staehelina gnaphaloides L. (2, 10)
Perennial. Suffrutex. Ht 0.15–0.9 m. Alt 30–1100 m. WC

lepidopodium (Bolus) B.Nord.
Helichrysum lepidopodium Bolus (10)
Perennial. Shrub or suffrutex. Ht 0.3–1.5 m. Alt 1050–1550 m. WC

loganiana (Compton) B.Nord.
Helipterum loganianum Compton (10)

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1300–1500 m. WC

marlothii (Schltr.) B.Nord.
Helipterum marlothii Schltr. (10)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1200–1830 m. WC

milleflora (L.f.) B.Nord.
Gnaphalium milleflorum L.f. (10)
Gnaphalium phlomoides Lam. (10)
Helipterum milleflorum (L.f.) Druce (10)
Helipterum phlomoides (Lam.) DC. (10)
Perennial. Shrub. Ht 0.9–2 m. Alt 160–1630 m. WC, EC

montana (B.Nord.) B.Nord.
Helipterum montanum B.Nord. (10)
Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.3 m. Alt 1900–2200 m. WC

mucronata (P.J.Bergius) B.Nord.
Gnaphalium mucronatum P.J.Bergius (12)
Helichrysum mucronatum (P.J.Bergius) Less. (12)
Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 15–800 m. WC

paniculata (L.) B.Nord.
Helichrysum paniculatum (L.) Willd. (10)
Xeranthemum paniculatum L. (10)
Perennial. Shrub or suffrutex. Ht 0.2–1.2 m. Alt 10–1800 m. WC, EC

recurvata (L.f.) B.Nord.
Helichrysum recurvatum (L.f.) Thunb. (10)
Xeranthemum recurvatum L.f. (10)
Perennial. Shrub. Ht 0.15–0.45 m. Alt 0–150 m. EC

sordescens (DC.) B.Nord.
Helichrysum sordescens DC. (10)
Perennial. Dwarf shrub or suffrutex. Ht 0.15–0.6 m. Alt 0–20 m. EC

speciosissima (L.) B.Nord. subsp. **angustifolia** (DC.) B.Nord.
Helipterum speciosissimum (L.) DC. var. *angustifolium* DC. (10)
Perennial. Shrub. Ht 0.1–0.5 m. Alt 360–1200 m. WC

speciosissima (L.) B.Nord. subsp. **speciosissima**
Helipterum speciosissimum (L.) DC. var. *speciosissimum* (10)
Xeranthemum speciosissimum L. (2, 10)
Perennial. Shrub. Ht 0.15–0.75 m. Alt 30–1800 m. WC

staehelina (L.) B.Nord.
Helichrysum virgatum (P.J.Bergius) Willd. (3, 9)
Helipterum virgatum (P.J.Bergius) DC. in sense of most authors, not *Xeranthemum virgatum* P.J.Bergius (1767) (12)
Pteronia pauciflora Sims (12)
Xeranthemum staehelina L. (12)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 305–1500 m. WC

striata (Thunb.) B.Nord.
Helichrysum striatum (Thunb.) Thunb. (10)
Xeranthemum striatum Thunb. (10)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 0–550 m. EC

variegata (P.J.Bergius) B.Nord.
Helichrysum variegatum Thunb. (2, 9)
Helipterum variegatum (P.J.Bergius) DC. (10)
Xeranthemum variegatum P.J.Bergius (10)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 150–1500 m. WC

vestita (L.) B.Nord.
Helichrysum vestitum (L.) Willd. (10)
Xeranthemum vestitum L. (10)
Perennial. Shrub or suffrutex. Ht 0.3–1.5 m. Alt 30–1550 m. WC

virgata (P.J.Bergius) B.Nord.
Xeranthemum virgatum P.J.Bergius (10)
Perennial. Suffrutex. Ht up to 0.2 m. Alt? WC

zeyheri (Sond.) B.Nord.
Helipterum brachypterum Levyns (10)
Helipterum zeyheri Sond. (10)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–1220 m. WC

*TAGETES L. 9311000

Compiled by N. Netnou

(1) Bailey & Bailey. 1977. *Hortus third*: 1095.
(2) Hilliard. 1977. *Compositae in Natal*: 328, 329.

erecta L.
Annual. Herb. Ht up to 1 m. Alt? G, M

minuta L.
Annual. Herb. Ht up to 3 m. Alt 14–2125 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

rotundifolia Mill. = **Tithonia rotundifolia**

*TANACETUM L. 9341070

Compiled by P.P.J. Herman

(1) Heywood. 1976. *Flora europaea* 4: 169–171, 472.
(2) Bailey. 1977. *Hortus third*: 267.
(3) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 100–104.
(4) Soreng & Cope. 1996. *Baileya* 23: 145–165.

acutilobum DC. = **Myxopappus acutilobus**

albidum DC. = **Foveolina dichotoma**

argyreum DC. = **Schistostephium flabelliforme**

axillare Thunb. = **Athanasia minuta** subsp. **minuta**

cinerariifolium (Trevir.) Sch.Bip.
Chrysanthemum cinerariifolium (Trevir.) Vis. (1)
Pyrethrum cinerariifolium Trevir. (1, 3)
Perennial. Herb. Ht 0.15–0.45 m. Alt? G (cult.), WC (cult.)

consanguineum DC. = **Schistostephium crataegifolium**

crataegifolium DC. = **Schistostephium crataegifolium**

frutescens L. = **Hippia frutescens**

grandiflorum Thunb. = **Oncosiphon grandiflorum**

griseum Harv. = **Schistostephium griseum**

heptalobum DC. = **Schistostephium heptalobum**

hippiifolium DC. = **Schistostephium hippiifolium**

hispidum DC. = **Cotula hispida**

linearilobum DC. = **Cotula lineariloba**

linifolium (L.f.) Thunb. = **Athanasia linifolia**

longifolium Thunb. = **Athanasia linifolia**

obtusum Thunb. = **Oncosiphon piluliferum**

pilosum P.J.Bergius = **Hippia pilosa**

rotundifolium DC. = **Schistostephium rotundifolium**

suffruticosum L. = **Oncosiphon suffruticosum**

tortuosum DC. = **Pentzia tortuosa**

vestitum Thunb. = **Athanasia vestita**

*TARAXACUM F.H.Wigg. 9592000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 608–619.
(2) Pope. 1992. *FZ* 6,1: 212–214.

bessarabicum (Hornem.) Hand.-Mazz.
Leontodon bessarabicus Hornem. (1)
T. fulvipilis Harv. (1)
T. magellanicum of author, not of Sch.Bip.; Burtt Davy, concept invalid (1)
Perennial. Herb. Ht up to 0.13 m. Alt 1000–1500 m. NW, NC, EC

brachyglossum (Dahlst.) Dahlst.
T. erythrospermum Andrz. ex Besser subsp. *brachyglossum* Dahlst. (1)
Perennial. Herb. Ht up to 0.15 m. Alt 750–3000 m. FS, KZN, L, EC

breviscapum A.J.Richards
Perennial. Herb. Ht up to 0.3 m. Alt 10–2200 m. NW, G, M, KZN, L, EC

brunneum Soest
Perennial. Herb. Ht up to 0.12 m. Alt ± 50 m. KZN

cophocentrum Dahlst.
Perennial. Herb. Ht up to 0.2 m. Alt? EC

dilatatum H.Lindb.
Perennial. Herb. Ht up to 0.3 m. Alt ± 1500 m. KZN

disseminatum G.E.Haglund
Perennial. Herb. Ht up to 0.2 m. Alt? KZN, EC

duplidens H.Lindb.
Perennial. Herb. Ht up to 0.2 m. Alt ± 2500 m. EC

eckmanii Dahlst.
Perennial. Herb. Ht up to 0.3 m. Alt? G, KZN, L, EC

erythrospermum Andrz. ex Besser subsp. *brachyglossum* Dahlst. = **T. brachyglossum**

fulvipilis Harv. = **T. bessarabicum**

hamatiforme Dahlst.
Perennial. Herb. Ht up to 0.2 m. Alt 1150–2900 m. M, KZN, L

magellanicum of author, not of Sch.Bip.; Burtt Davy, concept invalid = **T. bessarabicum**

marklundii Palmgr.
Perennial. Herb. Ht up to 0.15 m. Alt? KZN

officinale Weber, aggregate species
Perennial. Herb. Ht 0.01–0.4 m. Alt 400–2500 m. N, NW, G, M, S, FS, KZN, L, WC, EC

parvilobum Dahlst.
Perennial. Herb. Ht 0.04–0.06 m. Alt? KZN

privum Dahlst.
Perennial. Herb. Ht up to 0.35 m. Alt 1000–2400 m. FS

serotinum (Waldst. & Kit.) Poir.
Leontodon serotinus Waldst. & Kit. (1)
Perennial. Herb. Ht up to 0.25 m. Alt? EC

TARCHONANTHUS L. 8937000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 208.
(2) Paiva. 1972. *Boletim da Sociedade Broteriana* 46: 355–368.
(3) Pope. 1992. *FZ* 6,1: 9–11
(4) Beentje. 1999. *Kew Bulletin* 54: 81–95.
(5) Herman & Condy. 2001. *Flowering Plants of Africa* 57: 108–112, t. 2180.
(6) Herman. 2002. *Bothalia* 32: 21–28.

abyssinicus Sch.Bip. ex Schweinf. & Asch. = **T. camphoratus**

angustissimus DC. = **T. minor**

camphoratus in sense of Hiern = **Brachylaena huillensis**

camphoratus L.
T. abyssinicus Sch.Bip. ex Schweinf. & Asch., naked name (2, 3, 4)
T. camphoratus L. var. *litakunensis* (DC.) Harv. (2, 4, 6)
T. litakunensis DC. (2, 3, 4, 6)
T. procerus Salisb. (4)
Perennial. Tree or shrub. Ht 1–8 m. Alt 750–2135 m. N, B, LIM, NW, G, M, FS, NC

camphoratus L. var. *litakunensis* (DC.) Harv. = **T. camphoratus**

dentatus Eckl. & Zeyh. ex DC. = **Brachylaena neriifolia**

dentatus Thunb. = **Brachylaena glabra**

ellipticus Thunb. = **Brachylaena elliptica**

ericoides L.f. = **Eriocephalus ericoides** subsp. **ericoides**

galpinii Hutch. & E.Phillips = **T. trilobus** var. **galpinii**

glaber L.f. = **Brachylaena glabra**

lanceolatus Thunb. = **Brachylaena neriifolia**

litakunensis DC. = **T. camphoratus**

littoralis P.P.J.Herman
Perennial. Tree or shrub. Ht 1–8 m. Alt 3–700 m. KZN, WC, EC

minor Less.
T. angustissimus DC. (6)
Perennial. Shrub or small tree. Ht up to 5 m. Alt 450–1800 m. FS, L, NC, WC, EC

obovatus DC.
Perennial. Tree or shrub. Ht up to 2 m. Alt 1050–1380 m. NC

parvicapitulatus P.P.J.Herman
Perennial. Shrub or tree. Ht up to 8 m. Alt 30–1850 m. N, LIM, NW, G, M, S, KZN, EC

procerus Salisb. = **T. camphoratus**

racemosus Thunb. = **Brachylaena ilicifolia**

trilobus DC. var. **galpinii** (Hutch. & E.Phillips) Paiva
T. galpinii Hutch. & E.Phillips (2, 3, 4)
Perennial. Tree, shrub. Ht 0.15–12 m. Alt 200–1850 m. LIM, M, S, KZN

trilobus DC. var. **trilobus**
Perennial. Tree or shrub. Ht 2.74–10 m. Alt 460–1830 m. KZN, EC

TENRHYNEA Hilliard & B.L.Burtt 8994000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 57, 58.

phylicifolia (DC.) Hilliard & B.L.Burtt
Cassinia phylicifolia (DC.) J.M.Wood (1)
Rhynea phylicifolia DC. (1)
Perennial. Shrub or herb. Ht 0.3–1 m. Alt 120–1220 m. N, M, S, KZN, EC

TETRATRICHIA Dinter 9061050

avasmontana Dinter ex Merxm. = **Pentatrichia avasmontana**

THAMINOPHYLLUM Harv. 9338000

Compiled by P.P.J. Herman

(1) Bond. 1980. *Journal of South African Botany* 46: 157–166.

latifolium Bond

Perennial. Suffrutex. Ht 0.5–0.75 m. Alt 60–305 m. WC

multiflorum Harv.
Perennial. Suffrutex. Ht up to 0.6 m. Alt 457–915 m. WC

mundii Harv.
Perennial. Suffrutex. Ht up to 0.45 m. Alt 91–830 m. WC

THELECHITONIA Cuatrec. 9192010

trilobata (L.) H.Rob. & Cuatrec. = **Sphagneticola trilobata**

THODAYA Compton 9417040

elongata Compton = **Euryops subcarnosus** subsp. **subcarnosus**

microphylla Compton = **Euryops microphyllus**

*TITHONIA Desf. ex Juss. 9196000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 308, 309.

diversifolia (Hemsl.) A.Gray
Mirasolia diversifolia Hemsl. (1)
Annual. Herb. Ht 1–3.5 m. Alt 5–1200 m. LIM, S, KZN

rotundifolia (Mill.) S.F.Blake
Tagetes rotundifolia Mill. (1)
Annual. Herb. Ht up to 2 m. Alt 810–915 m. B, LIM, G, M, S, KZN

TOLPIS Adans. 9561000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 598, 599.
(2) Pope. 1992. *FZ* 6,1: 190–192.

capensis (L.) Sch.Bip.
Hieracium capense L. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 300–3000 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

*TRAGOPOGON L. 9579000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 606–608.

capensis Jacq. = **Urospermum picroides**

dubius Scop.
T. majus Jacq. (1)
Biennial. Herb. Ht up to 1 m. Alt 650–1950 m. LIM, G, M, FS, KZN, L, EC

hybridus L.
Geropogon glaber L. (1)
Biennial or perennial. Herb. Ht up to 0.5 m. Alt ± 5 m. KZN

majus Jacq. = **T. dubius**

picroides L. = **Urospermum picroides**

porrifolius L.
Biennial. Herb. Ht up to 1 m. Alt 500–2300 m. G, M, FS, KZN, L, NC, WC, EC

TRICHOGYNE Less. 8967010

Compiled by P.P.J. Herman

(1) Hilliard. 1981. *Botanical Journal of the Linnean Society* 82: 304–312.
(2) Anderberg. 1991. *Opera Botanica* 104: 155.
(3) Beyers. 1995. *Bothalia* 25: 107–109.

ambigua (L.) Druce
Ifloga ambigua (L.) Druce (2)
Ifloga disticha (L.f.) Druce (1)
Ifloga laricifolia (Lam.) Schltr. (1)
Ifloga seriphioides Schltr., illegitimate name (1)
Metalasia seriphioides D.Don (1)
Stoebe disticha L.f. (1)
Stoebe fasciculata Thunb. (1)
T. laricifolia (Lam.) Less. (1)
T. seriphioides Less., illegitimate name (1)
Perennial. Shrub. Ht up to 1 m. Alt 0–1500 m. NC, WC

candida (Hilliard) Anderb.
Ifloga candida Hilliard (2)
Annual. Herb. Ht 0.02–0.09 m. Alt 250–1000 m. NC, WC

decumbens (Thunb.) Less.
Gnaphalium decumbens Thunb. (1)
Ifloga decumbens (Thunb.) Schltr. (2)
Ifloga woodii (N.E.Br.) B.L.Burtt (2)
Petalactella woodii N.E.Br. (2)
Perennial. Dwarf shrub. Ht/Length up to 0.2 m. Alt? M, FS, L, NC, WC, EC

glomerata Harv. = **Ifloga glomerata**

laricifolia (Lam.) Less. = **T. ambigua**

lerouxiae Beyers
Annual. Herb. Ht 0.04–0.15 m. Alt 150–250 m. NC

paronychioides DC.
Ifloga paronychioides (DC.) Fenzl (2)
Annual. Herb. Length 0.005–0.04 m. Alt 600–900 m. N, NC

pilulifera (Schltr.) Anderb.
Ifloga pilulifera Schltr. (2)
Perennial. Shrub. Ht up to 1 m. Alt? NC, WC

polycnemoides (Fenzl) Anderb.
Ifloga polycnemoides Fenzl (2)
Annual. Herb. Ht 0.04–0.15 m. Alt 600–900 m. NC, WC

radicans DC. = **T. repens**

reflexa (L.f.) Less. = **T. repens**

repens (L.) Anderb.
Gnaphalium repens L. (2)
Ifloga reflexa (L.f.) Schltr. (1)
Ifloga repens (L.) Hilliard & B.L.Burtt (2)
Stoebe reflexum L.f. (1)
T. radicans DC. (1)
T. reflexa (L.f.) Less. (1)
Perennial. Dwarf shrub. Length up to 0.5 m. Alt 10–500 m. WC

seriphioides Less., illegitimate name = **T. ambigua**

verticillata (L.f.) Less.
Ifloga verticillata (L.f.) Fenzl (2)
Annual. Herb. Ht 0.04–0.3 m. Alt 20–250 m. WC

*TRIDAX L. 9245000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 321.

procumbens L.
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt 5–640 m. LIM, M, KZN

TRIGONOTHECA Sch.Bip. 9204030

natalensis Sch.Bip. = **Melanthera scandens** subsp. **dregei**

TRIPLOCEPHALUM O.Hoffm. 8956000

glabrifolium Klatt = **Geigeria pectidea**

TRIPTERACHAENIUM Kuntze 9428010

humile Kuntze = **Tripteris aghillana** var. **aghillana**

scariosum (DC.) Kuntze = **Tripteris aghillana** var. **aghillana**

TRIPTERIS Less. 9428000

Compiled by P.P.J. Herman

(1) Lessing. 1831. *Linnaea* 6: 97.
(2) Lessing. 1832. *Synopsis generum Compositarum*: 90.
(3) Candolle. 1838. *Prodromus* 6: 456–459.
(4) Turczaninow. 1851. *Bulletin de la Société Impériale des Naturalistes de Moscou* xxiv, ii: 211.
(5) Harvey. 1865. *FC* 3: 424–432.
(6) Hoffmann. 1889. *Botanische Jahrbücher* 10: 280.
(7) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 394, 395.
(8) Hutchinson. 1917. *Annals of the South African Museum* 9: 416–418.
(9) Moore. 1919. *Journal of Botany, London* 57: 90.
(10) Norlindh. 1939. *Botaniska Notiser*: 795.
(11) Norlindh. 1943. *Studies in the Calenduleae*: 263–346.
(12) Norlindh. 1954. *Svensk Botanisk Tidskrift* 48: 148–152.
(13) Norlindh. 1960. *Botaniska Notiser* 113: 393–399.
(14) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.
(15) Herman *et al.* 1997. *List of southern African succulent plants*: 40.

aghillana DC. var. **aghillana**
Osteospermum picridioides DC. (11)
Osteospermum scariosum DC. var. *scariosum* (14)
Tripterachaenium humile Kuntze (11)
Tripterachaenium scariosum (DC.) Kuntze (11)
T. flexuosa Harv. (11)
T. glandulosa Turcz. var. *dentata* Harv. (11)
T. humilis Turcz. (11)
T. natalensis Harv. (11)
Perennial. Herb, succulent. Ht 0.1–0.4 m. Alt 100–1900 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

aghillana DC. var. **integrifolia** Harv.
Osteospermum scariosum DC. var. *integrifolium* (Harv.) Norl. (14)
T. glandulosa Turcz. in part (11)
T. kraussii Sch.Bip. (11)
T. setifera DC. (11)
Perennial. Herb, succulent. Ht 0.1–0.4 m. Alt 270–1500 m. NC, WC, EC

amplectens Harv.
Osteospermum amplectens (Harv.) Norl. (14)
T. amplexicaulis DC. in part (5, 11)
T. confusa Bolus (11)
T. gracilis Hutch. (11)
Annual. Herb. Ht 0.3–1.2 m. Alt 90–900 m. NC, WC

amplexicaulis DC. in part = **T. amplectens**

amplexicaulis (Thunb.) Less.
Calendula amplexicaulis Thunb. (5, 11)
Osteospermum connatum DC. (5, 14)
Perennial. Herb. Ht up to 0.5 m. Alt 500–1200 m. WC

amplexicaulis (Thunb.) Less. var. *microtis* DC. = **T. microcarpa** subsp. **microcarpa**

angolensis (Norl.) B.Nord.
Osteospermum angolense Norl. (14)
Perennial. Herb. Ht up to 1 m. Alt 500–1500 m. N

arborescens Harv., not of Less. = **Osteospermum grandiflorum**

arborescens (Jacq.) Less. = **T. dentata**

atropurpurea Turcz. = **T. clandestina**

auriculata S.Moore
Osteospermum auriculatum (S.Moore) Norl. (14)
Perennial. Shrub. Ht 1–3 m. Alt 1000–1500 m. LIM, M

bolusii Compton = **Osteospermum bolusii**

breviradiata (Norl.) B.Nord.
Osteospermum breviradiatum Norl. (14)
Annual. Herb. Ht 0.2–0.5 m. Alt 100–200 m. N, NC, WC

clandestina Less.
Osteospermum clandestinum (Less.) Norl. (14)
T. atropurpurea Turcz. (11)
T. herbacea E.Mey. ex DC. (11)
T. hyoseroides DC. var. *echinocarpa* DC. (11)
T. scariosa DC. (11)
Annual. Herb, succulent. Ht 0.2–0.5 m. Alt 15–900 m. N, NC, WC

concordiae Schltr. = **Osteospermum spinescens**

confusa Bolus = **T. amplectens**

crassifolia O.Hoffm.
Osteospermum crassifolium (O.Hoffm.) Norl. (14)
T. fruticosa Muschl. ex Engl., naked name (11)
Perennial. Shrub or suffrutex, succulent. Ht up to 1 m. Alt 5–900 m. N, NC, WC

dentata (Burm.f.) Harv.
Calendula arborescens Jacq. (11)
Osteospermum dentatum Burm.f. (14)
T. arborescens (Jacq.) Less. (11)
T. rigida Harv. (11)
Perennial. Herb. Ht 0.3–0.6 m. Alt 30–300 m. WC

flexuosa Harv. = **T. aghillana** var. **aghillana**

fruticosa Muschl. ex Engl., naked name = **T. crassifolia**

glabra C.A.Sm. = **Osteospermum glabrum**

glabrata (Thunb.) Harv. = **T. oppositifolia**

glandulosa Muschl. = **T. microcarpa** subsp. **microcarpa**

glandulosa Turcz. in part = **T. aghillana** var. **integrifolia**

glandulosa Turcz. var. *dentata* Harv. = **T. aghillana** var. **aghillana**

gracilis Hutch. = **T. amplectens**

herbacea E.Mey. ex DC. = **T. clandestina**

humilis Turcz. = **T. aghillana** var. **aghillana**

hyoseroides DC.
Osteospermum hyoseroides (DC.) Norl. (14)
Annual. Herb. Ht 0.2–0.7 m. Alt 50–900 m. NC, WC

hyoseroides DC. var. *echinocarpa* DC. = **T. clandestina**

incana Harv. = **T. oppositifolia**

integrifolia Dinter = **Osteospermum karrooicum**

karrooica Bolus = **Osteospermum karrooicum**

kraussii Sch.Bip. = **T. aghillana** var. **integrifolia**

leptoloba Harv. = **Osteospermum leptolobum**

limonifolia DC. = **T. polycephala**

linearis Harv. = **T. sinuata** var. **linearis**

macroptera DC. = **T. oppositifolia**

microcarpa Harv. subsp. **microcarpa**
Osteospermum microcarpum (Harv.) Norl. subsp. *microcarpum* (14)
Osteospermum odoratum Klatt (11)
T. amplexicaulis (Thunb.) Less. var. *microtis* DC. (12)
T. glandulosa Muschl. (11)
T. microtis (DC.) Hutch. (11)
T. namaquensis Schltr. (11)
Annual. Herb. Ht 0.5–1 m. Alt 0–1300 m. N, NC, WC

microcarpa Harv. subsp. **septentrionalis** (Norl.) B.Nord.
Osteospermum microcarpum (Harv.) Norl. subsp. *septentrionale* (Norl.) Norl. (14)
Osteospermum microcarpum (Harv.) Norl. var. *septentrionale* Norl. (14)
Annual. Herb. Ht 0.5–1 m. Alt 0–1500 m. N

microtis (DC.) Hutch. = **T. microcarpa** subsp. **microcarpa**

muschlerianus Dinter = **Osteospermum spinescens**

namaquensis Schltr. = **T. microcarpa** subsp. **microcarpa**

natalensis Harv. = **T. aghillana** var. **aghillana**

nervosa Hutch.
Osteospermum nervosum (Hutch.) Norl. (14)
Annual. Herb. Ht up to 1.2 m. Alt 600–1300 m. N

oppositifolia (Aiton) B.Nord.
Calendula glabrata Thunb. (5, 11, 13, 14)
Calendula oppositifolia Aiton (11, 13, 14)
Osteospermum glabratum (Thunb.) Less. (5, 13, 14)
Osteospermum oppositifolium (Aiton) Norl. (14)
T. glabrata (Thunb.) Harv. (11)
T. incana Harv. (11)
T. macroptera DC. (5, 11)
T. pallescens DC. (11)
T. thomii Harv. (11)
Perennial. Shrub. Ht 0.5–1 m. Alt 75–1100 m. N, NC, WC

pachypteris (DC.) Harv. = **Osteospermum spinescens**

pallescens DC. = **T. oppositifolia**

petiolata DC. = **Osteospermum grandiflorum**

pinnatilobata (Norl.) B.Nord.
Osteospermum pinnatilobatum Norl. (14)
Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 500–1000 m. NC

polycephala DC.
Osteospermum polycephalum (DC.) Norl. (14)
T. limonifolia DC. (11)
Annual. Herb. Ht up to 0.5 m. Alt 100–500 m. N, NC

rigida Harv. = **T. dentata**

rogersii S.Moore = **Osteospermum rigidum** var. **rigidum**

rosulata (Norl.) B.Nord.
Osteospermum rosulatum Norl. (14)
Perennial. Herb. Ht 0.2–0.5 m. Alt 1000–1500 m. EC

scariosa DC. = **T. clandestina**

setifera DC. = **T. aghillana** var. **integrifolia**

sinuata DC. var. **linearis** (Harv.) B.Nord.
Osteospermum sinuatum (DC.) Norl. var. *lineare* (Harv.) Norl. (14)
T. linearis Harv. (11, 14)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 500–1500 m. NC, WC, EC

sinuata DC. var. **sinuata**
Osteospermum sinuatum (DC.) Norl. var. *sinuatum* (14)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 80–1600 m. N, NC, WC, EC

spathulata DC.
Osteospermum spathulatum (DC.) Norl. (14)
Perennial. Herb. Length 0.2–0.5 m. Alt 150–550 m. EC

spinescens (Thunb.) Harv. = **Osteospermum spinescens**

spinigera Norl.
Osteospermum spinigerum Norl. (14)
Perennial. Shrub. Ht 0.1–0.15 m. Alt 2000–3000 m. EC

thomii Harv. = **T. oppositifolia**

tomentosa (L.f.) Less.
Calendula tomentosa L.f. (5, 11)
Osteospermum cuspidatum DC. (11)
Osteospermum tomentosum (L.f.) Norl. (14)
Perennial. Herb. Ht 0.1–0.2 m. Alt 100–900 m. WC

TROGLOPHYTON Hilliard & B.L.Burtt 8992020

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 39–46.

acocksianum Hilliard
Perennial. Herb, prostrate. Length up to 0.5 m. Alt 1000–2000 m. NC

capillaceum (Thunb.) Hilliard & B.L.Burtt subsp. **capillaceum**
Gnaphalium capillaceum Thunb. (1)
Helichrysum capillaceum (Thunb.) Less. (1)
Helichrysum capillaceum (Thunb.) Less. var. *majus* DC. (1)
Helichrysum oreophilum Dinter (1)
Annual. Herb. Ht 0.05–0.3 m. Alt 45–1800 m. N, FS, NC, WC, EC

capillaceum (Thunb.) Hilliard & B.L.Burtt subsp. **diffusum** (DC.) Hilliard
Helichrysum capillaceum (Thunb.) Less. var. *diffusum* DC. (1)
Annual. Herb. Ht 0.05–0.3 m. Alt 900–2100 m. FS, KZN, L, EC

elsiae Hilliard
Annual. Herb, creeping. Length up to 0.12 m. Alt 1500–2000 m. WC

leptomerum Hilliard
Annual. Herb, weakly erect or prostrate. Length up to 0.12 m. Alt 500–1500 m. NC, WC

parvulum (Harv.) Hilliard & B.L.Burtt
Gnaphalium parvulum Harv. (1)
Helichrysum capillaceum (Thunb.) Less. var. *erectum* DC. (1)
Annual. Herb. Ht 0.01–0.15 m. Alt 460–1220 m. N, NC, WC

tenellum Hilliard
Annual. Herb. Ht 0.03–0.1 m. Alt up to 1000 m. NC, WC

*UROSPERMUM Scop. 9573000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 603, 604.

capense (Jacq.) Spreng. = **U. picroides**

picroides (L.) Scop. ex F.W.Schmidt
Tragopogon capensis Jacq. (1)
Tragopogon picroides L. (1)
U. capense (Jacq.) Spreng. (1)
Annual or biennial. Herb. Ht up to 1.2 m. Alt 0–300 m. KZN, WC, EC

URSINIA Gaertn. 9431000

Compiled by P.P.J. Herman

(1) Kunze. 1847. *Linnaea* 20: 21.
(2) Brown. 1887. *The Gardeners' Chronicle* 1,3: 670.
(3) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 393, 394.
(4) Henderson. 1956. *The Flowering Plants of Africa* 31: t. 1232.
(5) Prassler. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 363–478.

(6) Hall. 1969. *The Flowering Plants of Africa* 40: t. 1575.
(7) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1587.
(8) Jeffrey. 1970. *Curtis's Botanical Magazine* 177: t. 564.
(9) Hilliard. 1977. *Compositae in Natal*: 530–535.
(10) Wijnands. 1985. *Taxon* 34: 310, 311.

abrotanifolia (R.Br.) Spreng.
Sphenogyne abrotanifolia R.Br. (5)
Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 460–1300 m. WC

abyssinica Sch.Bip. ex Walp. = **U. nana** subsp. **nana**

affinis Harv. = **U. nana** subsp. **nana**

alpina N.E.Br.
Perennial. Herb. Ht 0.08–0.38 m. Alt 1525–2745 m. M, FS, KZN, EC

anethifolia (Less.) N.E.Br. = **U. paleacea**

anethoides (DC.) N.E.Br.
Sphenogyne anethoides DC. (5)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 5–900 m. WC, EC

annua Less. ex Harv. = **U. nana** subsp. **nana**

anthemoides (L.) Poir. subsp. **anthemoides**
Arctotis anthemoides L. (5)
Arctotis foeniculacea Jacq. (5)
Sphenogyne adonidifolia DC. (5)
Sphenogyne anthemoides (L.) R.Br. (5)
Sphenogyne foeniculacea (Jacq.) Less. (5)
Sphenogyne microcephala DC. (5)
Sphenogyne pusilla DC. (5)
Sphenogyne speciosa Knowles & Westc. (5)
U. foeniculacea (Jacq.) N.E.Br. (5)
U. pulchra N.E.Br. (5)
U. pusilla (DC.) N.E.Br. (5)
Annual. Herb. Ht 0.05–0.5 m. Alt 15–1065 m. NC, WC, EC

anthemoides (L.) Poir. subsp. **versicolor** (DC.) Prassler
Sphenogyne anthemoides (L.) R.Br. var. *versicolor* (DC.) Harv. (5)
Sphenogyne versicolor DC. (5)
U. versicolor (DC.) N.E.Br. (5)
Annual. Herb. Ht 0.05–0.5 m. Alt 190–1525 m. N, NC, WC

apiculata DC. = **U. montana** subsp. **apiculata**

argentea Compton = **U. sericea**

bolusii Thell. = **U. scariosa** subsp. **scariosa**

brachyloba (Kunze) N.E.Br.
Sphenogyne brachyloba Kunze (2)
Perennial. Dwarf shrub. Ht 1.2–1.5 m. Alt? 'CP' (1)

brachypoda (Harv.) N.E.Br. = **U. hispida**

brevicaulis J.M.Wood & M.S.Evans = **U. montana** subsp. **montana**

cakilefolia DC.
Annual. Herb. Ht 0.06–0.5 m. Alt 70–915 m. NC, WC

caledonica (E.Phillips) Prassler
Ursiniopsis caledonica E.Phillips (5)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 655–3450 m. WC

calenduliflora (DC.) N.E.Br.
Sphenogyne calendulaeflora DC. (5)
Annual. Herb. Ht 0.04–0.35 m. Alt 250–750 m. NC, WC

chrysanthemoides (Less.) Harv.
Sphenogyne chrysanthemoides Less. (5)
U. chrysanthemoides (Less.) Harv. var. *geyeri* (L.Bolus & Harry Hall) Prassler (8)
U. geyeri L.Bolus & Harry Hall (8)
Annual, occ. perennial. Herb. Ht 0.15–1 m. Alt 5–3352 m. NC, WC, EC

chrysanthemoides (Less.) Harv. var. *geyeri* (L.Bolus & Harry Hall) Prassler = **U. chrysanthemoides**

ciliaris (DC.) N.E.Br. = **U. tenuifolia** subsp. **ciliaris**

concolor (Harv.) N.E.Br. = **U. punctata**

coronopifolia (Less.) N.E.Br.
Sphenogyne coronopifolia Less. (5)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 400–1450 m. WC

crithmifolia (R.Br.) Spreng. = **U. paleacea**

crithmifolia (R.Br.) Spreng. var. *grandiflora* (Harv.) N.E.Br. = **U. paleacea**

crithmoides (P.J.Bergius) Poir. = **U. paleacea**

dentata (L.) Poir.
Arctotis dentata L. (5)
Arctotis pectinata Thunb. (5)
Sphenogyne dentata (L.) R.Br. (5)
Sphenogyne dentata (L.) R.Br. var. *setigera* (DC.) Harv. (5)
Sphenogyne setigera DC. (5)
U. dentata (L.) Poir. var. *setigera* (DC.) N.E.Br. (5)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 15–1525 m. NC, WC, EC

dentata (L.) Poir. var. *setigera* (DC.) N.E.Br. = **U. dentata**

discolor (Less.) N.E.Br.
Sphenogyne brevifolia DC. (5)
Sphenogyne discolor Less. (5)
Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 12–1450 m. WC, EC

dregeana (DC.) N.E.Br.
Sphenogyne dregeana DC. (5)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 500–1500 m. NC, WC

eckloniana (Sond.) N.E.Br.
Sphenogyne eckloniana Sond. (5)
Ursiniopsis eckloniana (Sond.) E.Phillips (5)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 120–1220 m. WC

engleriana Muschl. = **U. nana** subsp. **nana**

filiformis (A.Spreng.) Griess. = **U. pinnata**

filipes (E.Mey. ex DC.) N.E.Br.
Sphenogyne filipes E.Mey. ex DC. (5)
Perennial. Suffrutex. Ht up to 0.4 m. Alt 610–1065 m. WC

foeniculacea (Jacq.) N.E.Br. = **U. anthemoides** subsp. **anthemoides**

frutescens Dinter
Perennial. Shrub. Ht up to 0.8 m. Alt ± 620 m. N, NC

geyeri L.Bolus & Harry Hall = **U. chrysanthemoides**

heterodonta (DC.) N.E.Br.
Sphenogyne heterodonta DC. (5)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 15–1320 m. NC, WC, EC

hispida (DC.) N.E.Br.
Sphenogyne brachypoda Harv. (5)
Sphenogyne hispida DC. (5)
U. brachypoda (Harv.) N.E.Br. (5)
Perennial. Suffrutex. Ht 0.25–0.35 m. Alt 300–1370 m. WC

incisa (DC.) N.E.Br. = **U. serrata**

indecora DC. = **U. nana** subsp. **nana**

jacottetiana Thell. = **U. montana** subsp. **montana**

longiscapa E.Phillips = **U. paleacea**

macropoda (DC.) N.E.Br.
Sphenogyne macropoda DC. (5)
Perennial. Herb. Ht 0.2–0.35 m. Alt up to 1350 m. WC

matricariifolia Dinter = **U. nana** subsp. **nana**

merxmuelleri Prassler
Perennial. Suffrutex. Ht 0.4–0.6 m. Alt up to 1219 m. WC

montana DC. subsp. **apiculata** (DC.) Prassler
U. apiculata DC. (5)
Perennial. Herb. Ht 0.1–0.2 m. Alt up to 2000 m. EC

montana DC. subsp. **montana**
U. brevicaulis J.M.Wood & M.S.Evans (5)
U. jacottetiana Thell. (5)
U. subintegrifolia Bolus (5)
Perennial. Herb. Ht 0.1–0.25 m. Alt 457–3355 m. LIM, M, FS, KZN, L, EC

montana DC. subsp. *tenuiloba* (DC.) Prassler = **U. tenuiloba**

nana DC. subsp. **leptophylla** Prassler
Perennial. Herb. Ht 0.15–0.5 m. Alt up to 2195 m. B?, LIM, NW, G, M, FS, NC

nana DC. subsp. **nana**
U. abyssinica Sch.Bip. ex Walp. (5)
U. affinis Harv. (5)
U. annua Less. ex Harv. (5)
U. engleriana Muschl. (5)
U. indecora DC. (5)
U. matricariifolia Dinter (5)
U. schinzii Dinter (5)
Annual. Herb. Ht 0.03–0.4 m. Alt 5–2479 m. N, LIM, G, M, FS, L, NC, WC, EC

natalensis (Sch.Bip.) N.E.Br. = **U. tenuiloba**

nudicaulis (Thunb.) N.E.Br.
Arctotis nudicaulis Thunb. (5)
Sphenogyne chamomillaefolia DC. (5)
Sphenogyne chamomillaefolia DC. var. *elongata* Harv. (5)
Sphenogyne nudicaulis (Thunb.) Less. (5)
Sphenogyne nudicaulis (Thunb.) Less. var. *alpina* Harv. (5)
Sphenogyne nudicaulis (Thunb.) Less. var. *gracilior* Harv. (5)
Sphenogyne scapiformis DC. (5)
Perennial. Herb. Ht 0.15–0.6 m. Alt 15–1525 m. WC, EC

oreogena Schltr. ex Prassler
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt up to 765 m. WC

paleacea (L.) Moench
Arctotis crithmoides P.J.Bergius (5)
Arctotis paleacea L. (10)
Sphenogyne anethifolia Less. (5)
Sphenogyne crithmifolia R.Br. (5)
Sphenogyne crithmifolia R.Br. var. *grandiflora* Harv. (5)
Sphenogyne crithmifolia R.Br. var. *trifurcata* DC. (5)
Sphenogyne grandiflora DC. (5)
U. anethifolia (Less.) N.E.Br. (5)
U. crithmifolia (R.Br.) Spreng. (5)
U. crithmifolia (R.Br.) Spreng. var. *grandiflora* (Harv.) N.E.Br. (5)
U. crithmoides (P.J.Bergius) Poir. (10)
U. longiscapa E.Phillips (5)
Perennial. Shrub. Ht 0.25–0.6 m. Alt 30–1450 m. WC, EC

pauciloba (DC.) N.E.Br. = **U. punctata**

pilifera (P.J.Bergius) Poir.
Arctotis pilifera P.J.Bergius (5)
Sphenogyne pilifera (P.J.Bergius) DC. (5)
Perennial. Herb. Ht 0.15–0.35 m. Alt 215–1610 m. NC, WC

pinnata (Thunb.) Prassler
Arctotis pinnata Thunb. (5)
U. filiformis (A.Spreng.) Griess. (5)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 245–2100 m. NC, WC

pulchra N.E.Br. = **U. anthemoides** subsp. **anthemoides**

punctata (Thunb.) N.E.Br.
Arctotis punctata Thunb. (5)
Sphenogyne anethoides DC. var. *brachyglossa* DC. (5)
Sphenogyne anethoides DC. var. *ramossima* DC. (5)
Sphenogyne concolor Harv. (5)
Sphenogyne gracilis DC. (5)
Sphenogyne pauciloba DC. (5)
U. concolor (Harv.) N.E.Br. (5)
U. pauciloba (DC.) N.E.Br. (5)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 244–1525 m. NC, WC

pusilla (DC.) N.E.Br. = **U. anthemoides** subsp. **anthemoides**

pygmaea DC.
Annual. Herb. Ht 0.03–0.2 m. Alt up to 365 m. WC

quinquepartita (DC.) N.E.Br.
Sphenogyne quinquepartita DC. (5)
Sphenogyne tripartita DC. (5)
Ursiniopsis quinquepartita (DC.) E.Phillips (5)
Perennial. Shrub. Ht up to 0.4 m. Alt 245–975 m. WC

rigidula (DC.) N.E.Br.
Sphenogyne rigidula DC. (5)
Perennial. Suffrutex. Ht 0.2–0.5 m. Alt 45–1525 m. WC

saxatilis N.E.Br.
Perennial. Herb. Ht 0.05–0.7 m. Alt 600–2400 m. LIM, M, S, FS, KZN, L, WC, EC

scariosa (Aiton) Poir. subsp. **scariosa**
Arctotis scariosa Aiton (5)
Sphenogyne scariosa (Aiton) R.Br. (5)
U. bolusii Thell. (5)
Perennial. Shrub, herb. Ht 0.45–1.5 m. Alt 91–1065 m. WC, EC

scariosa (Aiton) Poir. subsp. **subhirsuta** (DC.) Prassler
Sphenogyne subhirsuta DC. (5)
U. subhirsuta (DC.) N.E.Br. (5)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 460–1065 m. NC, WC

schinzii Dinter = **U. nana** subsp. **nana**

sericea (Thunb.) N.E.Br.
Arctotis sericea Thunb. (5)
Sphenogyne sericea (Thunb.) Less. (5)
U. argentea Compton (5)
Perennial. Suffrutex. Ht 0.2–0.75 m. Alt 460–2895 m. NC, WC

serrata (L.f.) Poir.
Arctotis serrata L.f. (5)
Sphenogyne serrata (L.f.) DC. (5)
U. incisa (DC.) N.E.Br. (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 91–1435 m. WC

speciosa DC.
Annual. Herb. Ht 0.1–0.5 m. Alt 151–915 m. N, NC, WC

subflosculosa (DC.) Prassler
Arctotis paleacea Thunb. (5)
Sphenogyne paleacea (Thunb.) Less. (5)
Sphenogyne subflosculosa DC. (5)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt up to 1200 m. WC

subhirsuta (DC.) N.E.Br. = **U. scariosa** subsp. **subhirsuta**

subintegrifolia Bolus = **U. montana** subsp. **montana**

tenuifolia (L.) Poir. subsp. **ciliaris** (DC.) Prassler
Sphenogyne ciliaris DC. (5)
Sphenogyne trifurca Harv. (5)
Ursinia ciliaris (DC.) N.E.Br. (5)
Ursinia trifurca (Harv.) N.E.Br. (5)
Perennial. Herb. Ht 0.15–0.3 m. Alt 5–380 m. WC

tenuifolia (L.) Poir. subsp. **tenuifolia**
Arctotis tenuifolia L. (5)
Sphenogyne tenuifolia (L.) DC. (5)
Sphenogyne tenuifolia (L.) DC. var. *heterochroma* Harv. (5)
Perennial. Herb. Ht 0.15–0.3 m. Alt up to 75 m. WC

tenuiloba DC.
U. montana DC. subsp. *tenuiloba* (DC.) Prassler (9)
U. natalensis (Sch.Bip.) N.E.Br. (9)
U. tysoniana E.Phillips (9)
Annual. Herb. Ht 0.1–0.3 m. Alt 16–2440 m. LIM, M, S, KZN, EC

trifida (Thunb.) N.E.Br. forma **calva** Prassler
Perennial. Shrub. Ht 0.3–0.6 m. Alt 305–600 m. WC

trifida (Thunb.) N.E.Br. forma **trifida**
Arctotis trifida Thunb. (5)
Sphenogyne leptoglossa DC. (5)
Sphenogyne trifida (Thunb.) Less. (5)
Sphenogyne triloba DC. (5)
Perennial. Shrub. Ht 0.25–0.6 m. Alt 48–1228 m. WC

trifurca (Harv.) N.E.Br. = **U. tenuifolia** subsp. **ciliaris**

tysoniana E.Phillips = **U. tenuiloba**

versicolor (DC.) N.E.Br. = **U. anthemoides** subsp. **versicolor**

URSINIOPSIS E.Phillips 9431020

caledonica E.Phillips = **Ursinia caledonica**

eckloniana (Sond.) E.Phillips = **Ursinia eckloniana**

quinquepartita (DC.) E.Phillips = **Ursinia quinquepartita**

VELLEREOPHYTON Hilliard & B.L.Burtt 8992010

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 31–37.

dealbatum (Thunb.) Hilliard & B.L.Burtt
Gnaphalium candidissimum Lam., illegitimate name (1)
Gnaphalium carroënse Schrank. (1)
Gnaphalium dealbatum Thunb. (1)
Gnaphalium maculatum Thunb. (1)
Gnaphalium micranthum Thunb. (1)
Perennial. Herb, prostrate to weakly erect. Length 0.03–0.45 m. Alt 0–750 m. NC, WC, EC

felinum Hilliard
Perennial. Herb, decumbent. Length 0.05–0.15 m. Alt 1000–1220 m. WC

gracillimum Hilliard
Annual. Herb, decumbent, then erect. Length 0.01–0.04 m. Alt 600–1000 m. NC, WC

lasianthum (Schltr. & Moeser) Hilliard
Helichrysum lasianthum Schltr. & Moeser (1)
Annual? Herb, prostrate. Length up to 0.15 m. Alt 1500–2500 m. NC

niveum Hilliard
Perennial. Herb, prostrate to weakly erect. Length 0.03–0.45 m. Alt 10–975 m. WC

pulvinatum Hilliard
Perennial. Herb, prostrate. Length up to 0.05 m. Alt up to 500 m. WC

vellereum (R.A.Dyer) Hilliard
Helichrysum vellereum R.A.Dyer (1)
Perennial. Herb, decumbent or ascending. Length up to 0.6 m. Alt 0–10 m. EC

VENIDIUM Less. 9432010

arctotoides (L.f.) Less. = **Arctotis arctotoides**

aureum DC. = **Arctotis fastuosa**

bellidiastrum S.Moore = **Arctotis bellidiastrum**

bolusii S.Moore = **Arctotis bolusii**

cinerarium DC. = **Arctotis perfoliata**

decurrens Less. = **Arctotis arctotoides**

discolor Less. = **Arctotis discolor**

erosum Harv. = **Arctotis erosa**

fastuosum (Jacq.) Stapf = **Arctotis fastuosa**

fugax Harv. = **Arctotis hirsuta**

hirsutum Harv. = **Arctotis hirsuta**

hispidulum DC. = **Arctotis hirsuta**

hispidulum Less. = **Arctotis hispidula**

kraussii Sch.Bip. = **Arctotis hirsuta**

macrocephalum DC. = **Arctotis fastuosa**

macrospermum DC. = **Arctotis macrosperma**

microcephalum DC. = **Arctotis microcephala**

perfoliatum Less. = **Arctotis perfoliata**

puberulum DC. = **Arctotis hispidula**

rogersii S.Moore = **Arctotis rogersii**

semipapposum DC. = **Arctotis semipapposa**

serpens S.Moore = **Arctotis serpens**

subacaule DC. = **Arctotis hirsuta**

wyleyi Harv. = **Arctotis fastuosa**

***VERBESINA** L. 9218000

Compiled by N. Netnou

(1) Steyermark. 1963. *Flora of Missouri*: 1578–1580.
(2) Merxmüller. 1967. *FSWA* 139: 179.

asteroides L. = **Amellus asteroides** subsp. **asteroides**

biflora L. = **Melanthera biflora**

encelioides (Cav.) Benth. & Hook. var. **encelioides**
Ximenesia encelioides Cav. (2)
Annual. Herb. Ht 0.5–1 m. Alt 90–1465 m. N, B, LIM, NW, NC

encelioides (Cav.) Benth. & Hook. var. **exauriculata** C.B.Rob. & Greenm.
Annual. Herb. Ht up to 1 m. Alt 30–610 m. EC

sativa Roxb. = **Guizotia abyssinica**

VERNONIA Schreb. 8751000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 48–53.
(2) Oliver. 1875. *Transactions of the Linnean Society of London* 29: 90–93.
(3) Oliver & Hiern. 1877. *FTA* 3: 266–297.
(4) Hoffmann. 1889. *Botanische Jahrbücher* 10: 272.
(5) Klatt. 1892. *Annalen des Natürhistorischen Museums, Wien* 7: 100.
(6) Moore. 1914. *Journal of Botany, London* 52: 95.

(7) Fries. 1916. *Wissenschaftliche Ergebnisse der Schwedischen Rhodesia-Kongo-Expedition* 1: 324.
(8) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 262.
(9) Phillips. 1936. *Journal of Botany, London* 74: 205, 206.
(10) Henderson. 1956. *The Flowering Plants of Africa* 31: t. 1213.
(11) Merxmüller. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 608, 609.
(12) Merxmüller. 1967. *FSWA* 139: 179–184.
(13) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1592.
(14) Hilliard. 1977. *Compositae in Natal*: 25–46.
(15) Wild. 1978. *Kirkia* 11: 31–127.
(16) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 377, 378.
(17) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 238, 239.
(18) Anderberg. 1986. *Cladistics* 2: 184.
(19) Pope. 1986. *Kew Bulletin* 41: 37–43.
(20) Jeffrey. 1988. *Kew Bulletin* 43: 195–248.
(21) Pope. 1988. *Kew Bulletin* 43: 279–289.
(22) Pope. 1992. *FZ* 6,1: 57–151.
(23) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 335–349.
(24) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 159–270.

acuminatissima S.Moore
V. rogersii S.Moore (20, 22)
Annual. Herb. Ht up to 1.2 m. Alt ± 760 m. LIM, KZN

adoensis Sch.Bip. ex Walp. var. *kotschyana* (Sch.Bip. ex Walp.) G.V.Pope = **Baccharoides adoensis** var. **kotschyana**

adoensis Sch.Bip. ex Walp. var. *mossambiquensis* (Steetz) G.V.Pope = **Baccharoides adoensis** var. **mossambiquensis**

africana (Sond.) Druce
V. vernonella Harv. (14)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 75–150 m. KZN

ampla O.Hoffm. = **V. myriantha**

amygdalina Delile
V. randii S.Moore (14, 20, 22)
Perennial. Tree or shrub. Ht up to 8 m. Alt 130–1065 m. B, LIM, M, S, KZN

angolensis (O.Hoffm.) N.E.Br. = **Distephanus angolensis**

angulifolia DC. = **Distephanus angulifolius**

anisochaetoides Sond. = **Distephanus anisochaetoides**

anthelmintica (L.) Willd. = **Baccharoides anthelmintica**

aristata (DC.) Sch.Bip. = **V. natalensis**

aurantiaca (O.Hoffm.) N.E.Br. = **Distephanus divaricatus**

bainesii Oliv. & Hiern subsp. **bainesii**
Perennial. Herb. Ht 0.6–1.2 m. Alt? 'Tvl'? (22)

capensis (Houtt.) Druce
Cacalia capensis (Houtt.) Kuntze (14)
Conyza canescens L.f. (14)
Conyza pinifolia Lam. (14)
Erigeron capense Houtt. (14)
V. pinifolia (Lam.) Less. (14)
Webbia pinifolia (Lam.) DC. (14)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 15–2100 m. M, S, FS, KZN, L, WC, EC

centaureoides Klatt
Annual, occ. perennial. Herb. Ht 0.15–1 m. Alt 18–1570 m. M, S, KZN

cinerascens Sch.Bip.
V. luederitziana O.Hoffm. (12)
V. porta-taurinae Dinter ex Merxm. (12)
V. squarrosa Dinter ex Merxm. (12)
Perennial. Shrub. Ht 0.5–3 m. Alt 360–1200 m. N, B, LIM, M?

cinerea (L.) Less. var. *cinerea* = **Cyanthillium cinereum** var. **cinereum**

collina Klatt = **Pegolettia lanceolata**

collina Schltr. = **V. thodei**

colorata (Willd.) Drake subsp. **colorata**
Eupatorium coloratum Willd. (14, 22)
V. senegalensis (Pers.) Less. (14, 22)
Perennial. Tree or shrub. Ht 0.9–9 m. Alt 20–975 m. B, LIM, M, S, KZN

corymbosa (L.f.) Less. = **V. tigna**

crataegifolia Hutch.
V. mespilifolia Less. var. *subcanescens* DC. (14)
V. pseudo-corymbosa Thell. (14)
Perennial. Shrub. Ht 0.6–2 m. Alt 60–2000 m. LIM, M, S, KZN, EC

dregeana Sch.Bip.
Cacalia nudicaulis (DC.) Kuntze (14)
Webbia nudicaulis DC. (14)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 0–1920 m. M, KZN, EC

elaeagnoides (DC.) Sch.Bip. = **V. oligocephala**

erinacea Wild = **V. rhodanthoidea**

fastigiata Oliv. & Hiern
V. schinzii O.Hoffm. (14, 22)
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 30–1800 m. N, B, LIM, NW, G, M, S, FS, KZN

flanaganii (E.Phillips) Hilliard
V. hirsuta (DC.) Sch.Bip. ex Walp. var. *flanaganii* E.Phillips (17)
Perennial. Herb. Ht 0.6–1.2 m. Alt 1350–2135 m. FS, KZN

fulviseta S.Moore = **Baccharoides adoensis** var. **mossambiquensis**

galpinii Klatt
Cacalia harveyi Kuntze (14)
Pegolettia tenella DC. (18)
V. monocephala Harv., illegitimate name (14, 22)
Perennial. Herb. Ht 0.01–0.6 m. Alt 91–2100 m. B, LIM, NW, G, M, S, FS, KZN, EC

gerberiformis Oliv. & Hiern subsp. **macrocyanus** (O.Hoffm.) C.Jeffrey
V. primulina O.Hoffm. (16, 22)
Perennial. Herb. Ht 0.04–0.75 m. Alt ± 700 m. N, B, LIM

gerrardii Harv.
Cacalia gerrardii (Harv.) Kuntze (14)
Perennial. Herb. Ht 0.18–0.6 m. Alt 150–1600 m. KZN

glabra in sense of Wild in part, not of (Steetz) Vatke, misapplied name = **V. rosenii**

glabra (Steetz) Vatke var. **glabra**
Linzia glabra Steetz var. *glabra* (12, 20)
V. glabra (Steetz) Vatke var. *ondongensis* (Klatt) Merxm. (15, 22)
V. obconica Oliv. & Hiern (15, 20)
V. ondongensis Klatt (15, 22)
Perennial. Herb. Ht 1.2–3 m. Alt 900–1158 m. N, B, LIM

glabra (Steetz) Vatke var. **laxa** (Steetz) Brenan
Linzia glabra Steetz var. *laxa* Steetz (20, 22)
Perennial. Herb. Ht 0.5–1.85 m. Alt 15–1000 m. N, B, LIM, M, S, KZN

glabra (Steetz) Vatke var. *ondongensis* (Klatt) Merxm. = **V. glabra** var. **glabra**

hirsuta (DC.) Sch.Bip. ex Walp.
V. hirsuta (DC.) Sch.Bip. ex Walp. var. *obtusifolia* Harv. (14)
Webbia hirsuta DC. (22)
Perennial. Herb. Ht 0.3–1.5 m. Alt 5–2285 m. LIM, NW, G, M, S, FS, KZN, L, EC

hirsuta (DC.) Sch.Bip. ex Walp. var. *flanaganii* E.Phillips = **V. flanaganii**

hirsuta (DC.) Sch.Bip. ex Walp. var. *obtusifolia* Harv. = **V. hirsuta**

inhacensis G.V.Pope
Perennial. Shrub, climber or scrambler. Ht up to 0.5 m. Alt 5–50 m. KZN

kraussii Sch.Bip. ex Walp. = **V. oligocephala**

leptolepis Baker = **Baccharoides adoensis** var. **kotschyana**

luederitziana O.Hoffm. = **V. cinerascens**

lutea N.E.Br. = **Distephanus angolensis**

meiostephana C.Jeffrey
Annual. Herb. Ht 0.6–1.5 m. Alt 350–850 m. LIM, M, S

melleri Oliv. & Hiern var. **melleri**
Perennial. Herb. Ht 0.3–1.5 m. Alt? B

merenskiana Dinter ex Merxm., naked name = **Erlangea misera**

mespilifolia Less.
Cacalia mespilifolia (Less.) Kuntze (14)
Perennial. Shrub, climber or scrambler. Ht 0.6–9 m. Alt 0–1830 m. LIM, M, S, KZN, WC, EC

mespilifolia Less. var. *subcanescens* DC. = **V. crataegifolia**

misera Oliv. & Hiern = **Erlangea misera**

monocephala Harv., illegitimate name = **V. galpinii**

mossambiquensis (Steetz) Oliv. & Hiern = **Baccharoides adoensis** var. **mossambiquensis**

myriantha Hook.f.
V. ampla O.Hoffm. (20, 22)
V. podocoma Sch.Bip. ex Vatke (20, 22)
V. stipulacea Klatt (20, 22)
Perennial. Shrub. Ht 1.2–7 m. Alt 430–1920 m. LIM, M, S, KZN

natalensis Oliv. & Hiern
Cacalia aristata (DC.) Kuntze (14)
V. aristata (DC.) Sch.Bip. (22)
V. pseudonatalensis Wild (22)
Webbia aristata DC. (14, 20, 22)
Perennial. Herb. Ht 0.1–1.2 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

neocorymbosa Hilliard = **V. tigna**

nestor S.Moore
Perennial. Herb. Ht up to 0.9 m. Alt? KZN

obconica Oliv. & Hiern = **V. glabra** var. **glabra**

obionifolia O.Hoffm. subsp. **dentata** Merxm.
Perennial. Shrub. Ht 0.2–1.8 m. Alt 1000–1850 m. N

obionifolia O.Hoffm. subsp. **obionifolia**
Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1420 m. N, NC

oligocephala (DC.) Sch.Bip. ex Walp.
Cacalia elaeagnoides (DC.) Kuntze (14)
V. elaeagnoides (DC.) Sch.Bip. (22)
V. kraussii Sch.Bip. ex Walp. (12, 14, 20, 22)
Webbia elaeagnoides DC. (14, 22)
Webbia oligocephala DC. (12, 14, 22)
Perennial. Herb. Ht 0.08–1 m. Alt 15–2338 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

ondongensis Klatt = **V. glabra** var. **glabra**

petersii Oliv. & Hiern ex Oliv.
Annual. Herb. Ht 0.1–1.2 m. Alt up to 1160 m. N, B

pinifolia (Lam.) Less. = **V. capensis**

podocoma Sch.Bip. ex Vatke = **V. myriantha**

porta-taurinae Dinter ex Merxm. = **V. cinerascens**

poskeana Vatke & Hildebr. subsp. **botswanica** G.V.Pope
Annual. Herb. Ht 0.1–1.5 m. Alt 300–1850 m. N, B, LIM, NW, G, M, S, FS, NC

poskeana Vatke & Hildebr. var. *chlorolepis* (Steetz) O.Hoffm. = **V. steetziana**

potamophila Klatt
Perennial. Shrub. Ht 1–2.6 m. Alt 500–1000 m. N

primulina O.Hoffm. = **V. gerberiformis** subsp. **macrocyanus**

pseudo-corymbosa Thell. = **V. crataegifolia**

pseudonatalensis Wild = **V. natalensis**

randii S.Moore = **V. amygdalina**

rhodanthoidea Muschl.
V. erinacea Wild (24)
Annual. Herb. Ht 0.1–2 m. Alt ± 1000 m. LIM, NW, G

rogersii S.Moore = **V. acuminatissima**

rosenii R.E.Fr.
V. glabra in sense of Wild in part, not of (Steetz) Vatke, misapplied name (22)
Perennial. Herb. Ht 0.12–0.9 m. Alt? B

schinzii O.Hoffm. = **V. fastigiata**

schlechteri O.Hoffm.
Perennial. Herb. Ht 0.5–0.75 m. Alt 600–1650 m. M, S

schoenfelderiana Dinter ex Merxm. = **Pleiotaxis antunesii**

senegalensis (Pers.) Less. = **V. colorata** subsp. **colorata**

shirensis Oliv. & Hiern = **Baccharoides adoensis** var. **mossambiquensis**

squarrosa Dinter ex Merxm. = **V. cinerascens**

staehelinoides Harv.
Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 1000–1830 m. LIM, NW, G, M, FS

steetziana Oliv. & Hiern
V. poskeana Vatke & Hildebr. var. *chlorolepis* (Steetz) O.Hoffm. (19, 22)
Annual. Herb. Ht 0.2–1 m. Alt 305–1030 m. N, B, LIM, M, S, KZN

stenolepis Oliv. = **Baccharoides anthelmintica**

stipulacea Klatt = **V. myriantha**

sutherlandii Harv.
Perennial. Herb. Ht 0.15–0.9 m. Alt 455–1830 m. LIM, NW, G, M, S, KZN

thodei E.Phillips
V. collina Schltr. (14)
Perennial. Herb. Ht 0.04–0.17 m. Alt 900–2135 m. M, FS, KZN

tigna Klatt
Cacalia corymbosa (L.f.) Kuntze (22)
Staehelina corymbosa L.f. (22)
V. corymbosa (L.f.) Less. (22)
V. neocorymbosa Hilliard (22)
Perennial. Shrub. Ht 0.5–3 m. Alt 0–2000 m. LIM, M, S, FS, KZN, EC

transvaalensis Hutch. = **V. wollastonii**

triflora Bremek.
Perennial. Shrub. Ht 0.6–2.4 m. Alt 1200–1740 m. LIM, M

umbratica Oberm. = **V. wollastonii**

vallicola S.Moore
Perennial. Shrub. Ht up to 0.9 m. Alt? N

vernonella Harv. = **V. africana**

vitellina N.E.Br. = **Distephanus divaricatus**

whyteana Britten = **Baccharoides adoensis** var. **mossambiquensis**

wollastonii S.Moore
V. transvaalensis Hutch. (15, 22)
V. umbratica Oberm. (15, 20, 22)
Perennial. Shrub, scrambler. Ht 0.6–3 m. Alt 155–1980 m. LIM, M, S, KZN

woodii O.Hoffm. = **Baccharoides adoensis** var. **kotschyana**

VICOA Cass. 9061030

auriculata Cass. = **Pentanema indicum**

WEBBIA Sch.Bip. 8926010

aristata DC. = **Vernonia natalensis**

elaeagnoides DC. = **Vernonia oligocephala**

hirsuta DC. = **Vernonia hirsuta**

kraussii Sch.Bip. = **Conyza obscura**

nudicaulis DC. = **Vernonia dregeana**

oligocephala DC. = **Vernonia oligocephala**

pinifolia (Lam.) DC. = **Vernonia capensis**

*WEDELIA Jacq. 9192000

Compiled by N. Netnou

(1) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 543.
(2) Pruski. 1996. *Novon* 6: 404–418.

biflora (L.) Wight = **Melanthera biflora**

diversipapposa S.Moore = **Aspilia mossambicensis**

glauca (Ortega) Hoffm. ex Hicken
Perennial. Herb. Ht up to 0.2 m. Alt up to 1486 m. G

gossweileri S.Moore = **Blainvillea gayana**

mossambicensis Oliv. = **Aspilia mossambicensis**

natalensis Sond. = **Aspilia natalensis**

paludosa DC. = **Sphagneticola trilobata**

trilobata (L.) Hitchc. = **Sphagneticola trilobata**

triternata Klatt = **Melanthera triternata**

*XANTHIUM L. 9148000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 297–299.

natalense Widder = **X. strumarium**

pungens Wallr. = **X. strumarium**

spinosum L.
Annual. Herb. Ht up to 1 m. Alt 45–1620 m. B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

strumarium L.
X. natalense Widder (1)
X. pungens Wallr. (1)
Annual. Herb. Ht up to 1.5 m. Alt 30–2125 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

XENISMIA DC. 9427040

acanthosperma DC. = **Osteospermum acanthospermum**

XERANTHEMUM L. 9445000

argenteum Thunb. = **Syncarpha argentea**

canescens L. = **Syncarpha canescens** subsp. **canescens**

ciliatum L. = **Polyarrhena reflexa** subsp. **reflexa**

ericoides Lam. = **Dolichothrix ericoides**

fasciculatum Andrews = **Edmondia fasciculata**

ferrugineum Lam. = **Syncarpha ferruginea**

herbaceum Andrews = **Helichrysum herbaceum**

humile Andrews = **Edmondia pinifolia**

lancifolium Thunb. = **Helichrysum lancifolium**

paniculatum L. = **Syncarpha paniculata**

pinifolium Lam. = **Edmondia pinifolia**

proliferum L. = **Phaenocoma prolifera**

recurvatum L.f. = **Syncarpha recurvata**

retortum L. = **Helichrysum retortum**

sesamoides L. = **Edmondia sesamoides**

speciosissimum L. = **Syncarpha speciosissima** subsp. **speciosissima**

spinosum L. = **Macledium spinosum**

squamosum Jacq. = **Edmondia pinifolia**

staehelina L. = **Syncarpha staehelina**

stoloniferum L.f. = **Helichrysum stoloniferum**

striatum Thunb. = **Syncarpha striata**

variegatum P.J.Bergius = **Syncarpha variegata**

vestitum L. = **Syncarpha vestita**

virgatum P.J.Bergius = **Syncarpha virgata**

XEROTHAMNUS DC. 9427050

ecklonianus DC. = **Gibbaria scabra**

XIMENESIA Cav. 9218010

encelioides Cav. = **Verbesina encelioides** var. **encelioides**

*YOUNGIA Cass. 9605010

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 635, 636.

japonica (L.) DC.
Crepis japonica (L.) Benth. (1)
Prenanthes japonica L. (1)
Annual. Herb. Ht up to 0.45 m. Alt 0–500 m. KZN

*ZINNIA L. 9155000

Compiled by N. Netnou

(1) Torres. 1963. *Brittonia* 15: 1–25.
(2) Hilliard. 1977. *Compositae in Natal*: 299, 300.

multiflora L. = **Z. peruviana**

peruviana (L.) L.
Z. multiflora L. (2)
Annual. Herb. Ht 0.3–1 m. Alt 40–2125 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

ZOUTPANSBERGIA Hutch. 9051010

caerulea Hutch. = **Callilepis caerulea**

ZYRPHELIS Cass. 8882010

Compiled by P.P.J. Herman

(1) Nees von Esenbeck. 1832. *Genera et species Asterearum*: 250, 252.
(2) Harvey. 1865. *FC* 3: 64–66.
(3) Kuntze. 1891. *Revisio generum plantarum* 1: 374.
(4) Schlechter. 1900. *Botanische Jahrbücher* 27: 199, 200.
(5) Grau. 1973. *Mitteilungen der Botanischen Staatssammlung München* 9: 565.
(6) Nesom. 1994. *Phytologia* 76: 85–93.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 372, 373.

burchellii (DC.) Kuntze
Mairia burchellii DC. (6)
Perennial. Herb. Ht 0.05–0.2 m. Alt 425–855 m. WC

corymbosa (Harv.) Kuntze = **Gymnostephium papposum**

crenata (Thunb.) Kuntze = **Mairia crenata**

decumbens (Schltr.) G.L.Nesom
Mairia decumbens Schltr. (6)
Perennial. Suffrutex. Length 0.05–0.1 m. Alt ± 1200 m. WC

ecklonis (DC.) Kuntze
Homochroma ecklonis DC. (2, 6)
Mairia ecklonis (DC.) Sond. (6)
Perennial. Dwarf shrub or suffrutex. Ht 0.15–0.3 m. Alt 180–520 m. WC

foliosa (Harv.) Kuntze
Mairia foliosa Harv. (6)
Perennial. Suffrutex. Ht 0.1–0.3 m. Alt 80–1220 m. WC

hirsuta (DC.) Kuntze = **Mairia hirsuta**

lasiocarpa (DC.) Kuntze
Felicia lasiocarpa (DC.) Compton, not of *F. lasiocarpa* DC. (6)
Mairia lasiocarpa DC. (6)
Perennial. Shrub or suffrutex. Ht 0.1–0.6 m. Alt 900–1860 m. WC

microcephala (Less.) Nees
Elphegea microcephala Less. (2, 6)
Mairia microcephala (Less.) DC. (6)
Perennial. Dwarf shrub or suffrutex. Ht 0.3–0.4 m. Alt 120–1490 m. WC

montana (Schltr.) G.L.Nesom
Aster leiocarpus (DC.) Harv. (5)
Mairia montana Schltr. (6)
Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.3 m. Alt 140–915 m. WC

perezioides (Less.) G.L.Nesom
Aster perezioides Less. (2, 6)
Mairia perezioides (Less.) Nees (6)
Perennial. Herb. Ht 0.05–0.25 m. Alt 480–1370 m. WC

taxifolia (L.) Nees
Aster taxifolius L. (2, 6)
Mairia taxifolia (L.) DC. (6)
Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.6 m. Alt 360–1400 m. WC

AVICENNIACEAE

Compiled by E. Retief & H.F. Glen

AVICENNIA L. 7205000

(1) Baker. 1900. *FTA* 5: 331, 332.
(2) Moldenke & Moldenke. 1983. *A revised handbook to the flora of Ceylon* 4: 126–136.
(3) Duke. 1991. *Australian Systematic Botany* 4: 299–324.
(4) Verdcourt. 1992. *FTEA* Verbenaceae: 144–146.
(5) Everett. 1994. *Telopea* 5: 627–629.
(6) Van Wyk *et al.* 2000. *Photographic guide to trees of southern Africa*: 57.

marina (Forssk.) Vierh.
A. officinalis in sense of Baker, not L. (1)
Perennial. Tree. Ht 2–15 m. Alt 0–50 m. KZN, EC

officinalis in sense of Baker, not L. = **A. marina**

BALANITACEAE

Compiled by M. Jordaan

BALANITES Delile 3980000

(1) Launert. 1963. *FZ* 2: 221–224.
(2) Merxmüller. 1973. *FSWA* 66: 1.
(3) Sands. 2001. *Kew Bulletin* 56: 1–128.

aegyptiaca (L.) Delile var. **aegyptiaca**
Perennial. Shrub or tree. Ht 1.5–12 m. Alt? N, B

angolensis (Welw.) Welw. ex Mildbr. & Schltr. subsp. **welwitschii** (Tiegh.) Sands
B. welwitschii (Tiegh.) Exell & Mendonça (3)
Perennial. Shrub or tree. Ht 1–4 m. Alt? N

australis Bremek. = **B. pedicellaris** subsp. **pedicellaris**

dawei Sprague = **B. maughamii** subsp. **maughamii**

maughamii Sprague subsp. **maughamii**
B. dawei Sprague (1)
Perennial. Tree. Ht 2–20 m. Alt 0–1000 m. LIM, M, S, KZN

pedicellaris Mildbr. & Schltr. subsp. **pedicellaris**
B. australis Bremek. (1)
Perennial. Shrub or tree. Ht 1.5–8 m. Alt 15–1450 m. B, LIM, M, S, KZN

welwitschii = **B. angolensis** subsp. **welwitschii**

BALANOPHORACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

MYSTROPETALON Harv. 2155000

(1) Wright. 1925. *FC* 5,2: 214, 215.
(2) Hansen. 1986. *Botanische Jahrbücher* 106,3: 370–374.

polemannii Harv. = **M. thomii**

sollyii Harv.-Gibs. = **M. thomii**

thomii Harv.
M. polemannii Harv. (2)
M. sollyii Harv.-Gibs. (2)
Perennial. Herb, parasite. Ht 0.06–0.25 m. Alt 45–1650 m. WC

SARCOPHYTE Sparrm. 2158000

(1) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 176.
(2) Wright. 1925. *FC* 5,2: 213, 214.
(3) Hansen. 1986. *Botanische Jahrbücher* 106,3: 364–367.

sanguinea Sparrm. subsp. **sanguinea**
Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 60–1800 m. LIM, M, KZN, EC

BALSAMINACEAE

Compiled by R.H. Archer

IMPATIENS L. 4856000

(1) Grey-Wilson. 1980. *Impatiens of Africa*: 1–235.

capensis Thunb. = **I. hochstetteri** subsp. **hochstetteri**

duthieae L.Bolus = **I. hochstetteri** subsp. **hochstetteri**

flanaganiae Hemsl.
Perennial. Herb. Ht 1–2 m. Alt 10–150 m. KZN, EC

hochstetteri Warb. subsp. **hochstetteri**
I. capensis Thunb. (1)
I. duthieae L.Bolus (1)
I. marlothiana G.M.Schulze (1)
Annual or perennial. Herb. Ht 0.2–1.21 m. Alt 70–2155 m. LIM, NW, M, S, FS, KZN, L, WC, EC

marlothiana G.M.Schulze = **I. hochstetteri** subsp. **hochstetteri**

oliveri C.H.Wright ex W.Watson = **I. sodenii**

***sodenii** Engl. & Warb.
I. oliveri C.H.Wright ex W.Watson (1)
Perennial. Shrub or herb. Ht 1–3 m. Alt? G, M

sylvicola Burtt Davy & Greenway
Annual or perennial. Herb. Ht 0.25–0.75 m. Alt 930–1675 m. LIM, M, KZN

***walleriana** Hook.f.
Perennial. Herb. Ht 0.3–0.8 m. Alt ?–770 m. LIM, G, M

BASELLACEAE

Compiled by M. Jordaan

*ANREDERA Juss. 2428000

(1) Stannard. 1988. *FZ* 9,1: 161.

cordifolia (Ten.) Steenis
Perennial. Climber, succulent. Ht 1.5–8 m. Alt 10–1800 m. M, S, KZN, L, WC, EC

BASELLA L. 2424000

(1) Verdcourt. 1964. *Kew Bulletin* 17: 496–498.
(2) Verdcourt. 1968. *FTEA* Basellaceae: 1–4.
(3) Stannard. 1988. *FZ* 9,1: 161–163.

paniculata Volkens
Perennial. Climber, succulent. Ht variable. Alt 30–100 m. LIM, KZN

BEGONIACEAE

Compiled by C.L. Bredenkamp

BEGONIA L. 5397000

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 283.
(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 673.
(3) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1233.
(4) Hilliard. 1976. *The Flowering Plants of Africa* 43: t. 1698.

(5) Hilliard. 1976. *FSA* 22: 136–144.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 137–139.
(7) McLellan. 1994. *South African Journal of Botany* 60: 136, 137.
(8) Tebbitt. 1997. *European garden flora* 5: 277–290.
(9) McLellan. 2000. *Botanical Journal of the Linnean Society* 132: 79–95.

buttonii Irmsch = **B. sutherlandii** subsp. **sutherlandii**

caffra Meisn. = **B. homonyma**

***cucullata** Willd.
Perennial. Herb. Ht? Alt up to 305 m. EC

dissecta Irmsch = **B. sutherlandii** subsp. **sutherlandii**

dregei Otto & A.Dietr.
B. natalensis Hook. (5)
B. richardsiana T.Moore (5)
B. suffruticosa Meisn. (5)
Perennial. Herb, caudiciform. Ht up to 0.3 m. Alt 5–1219 m. KZN, EC

geranioides Hook.f.
Perennial. Herb. Ht up to 0.5 m. Alt 700–1375 m. KZN

***hirtella** Link
Annual. Herb. Ht up to 0.75 m. Alt? KZN

homonyma Steud.
B. caffra Meisn. (5)
Perennial. Herb, caudiciform. Ht 0.15–1.06 m. Alt 30–765 m. KZN, EC

natalensis Hook. = **B. dregei**

richardsiana T.Moore = **B. dregei**

sonderiana Irmsch.
Perennial. Herb. Ht 0.01–1 m. Alt 200–1925 m. LIM, M, S, KZN

suffruticosa Meisn. = **B. dregei**

suffruticosa Meisn. var. *gueinziana* A.DC. = **B. sutherlandii** subsp. **sutherlandii**

sutherlandii Hook.f. subsp. **sutherlandii**
B. buttonii Irmsch (5)
B. dissecta Irmsch (5)
B. suffruticosa Meisn. var. *gueinziana* A.DC. (5)
Perennial. Herb. Ht 0.01–1 m. Alt 200–2800 m. LIM, M, S, FS, KZN, L, EC

BIGNONIACEAE

Compiled by S.J. Smithies

BIGNONIA L. 7705000

africana Lam. = **Kigelia africana**

capensis Thunb. = **Tecoma capensis**

unguis-cati L. = **Macfadyena unguis-cati**

CATOPHRACTES D.Don 7723000

(1) Sprague. 1904. *FC* 4,2: 453.
(2) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1060.
(3) Diniz. 1988. *FZ* 8,3: 70–72, t. 12.

alexandri D.Don
C. welwitschii Seem. (1)
Perennial. Shrub or small tree. Ht 0.9–2(–4) m. Alt 530–2000 m. N, B, LIM, NC

welwitschii Seem. = **C. alexandri**

DOLICHANDRONE Cham. 7712000

obtusifolia Baker, as '*Dolichandra*' = **Markhamia obtusifolia**

DOXANTHA Miers 7670000

unguis-cati (L.) Miers emended Rehder = **Macfadyena unguis-cati**

GELSEMINUM Kuntze 7714000

capense (Thunb.) Kuntze = **Tecoma capensis**

*JACARANDA Juss. 7725000

(1) Bailey & Bailey. 1977. *Hortus third*: 610.
(2) Gentry & Morawetz. 1992. In Gentry, *Flora neotropica*, Monograph 25,II: 51–104.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 224.

mimosifolia D.Don
J. ovalifolia R.Br. (1)
Perennial. Tree. Ht up to 22 m. Alt 5–1800 m. LIM, NW, G, M, S, KZN, EC

ovalifolia R.Br. = **J. mimosifolia**

KIGELIA DC. 7761000

(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 573.
(2) Merxmüller & Schreiber. 1967. *FSWA* 128: 2, 3.
(3) Diniz. 1988. *FZ* 8,3: 83–85, t. 18.

africana (Lam.) Benth.
Bignonia africana Lam. (2)
K. pinnata (Jacq.) DC. (2)
Perennial. Tree. Ht 2–25 m. Alt 25–1070 m. N, B, LIM, G, M, S, KZN

pinnata (Jacq.) DC. = **K. africana**

*MACFADYENA A.DC. 7706000

(1) Gentry. 1973. *Annals of the Missouri Botanical Garden* 60: 870–876.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 62.

unguis-cati (L.) A.H.Gentry
Bignonia unguis-cati L. (1)
Doxantha unguis-cati (L.) Miers emended Rehder (1)
Perennial. Climber. Ht? Alt 3–1800 m. LIM, G, M, S, KZN

MARKHAMIA Seem. ex Baill. 7744000

(1) Merxmüller & Schreiber. 1967. *FSWA* 128: 3, 4.
(2) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1757.
(3) Diniz. 1988. *FZ* 8,3: 72–77, t. 14A.
(4) Diniz. 1993. *CFA* 122: 21–26.

acuminata (Klotzsch) K.Schum. = **M. zanzibarica**

obtusifolia (Baker) Sprague
Dolichandrone obtusifolia Baker, as '*Dolichandra*' (1)
Perennial. Shrub or tree. Ht 0.6–15 m. Alt 910–945 m. N, B, LIM?

zanzibarica (Bojer ex DC.) K.Schum.
M. acuminata (Klotzsch) K.Schum. (3)
Spathodea acuminata Klotzsch (3)
Spathodea zanzibarica Bojer ex DC. (3)

Perennial. Shrub or tree. Ht ?–9 m. Alt 520–940 m. N, B, LIM, M

PANDOREA Spach 7716000

ricasoliana (Tanfani) Baillon = **Podranea ricasoliana**

PODRANEA Sprague 7716010

(1) Sprague. 1904. *FC* 4,2: 449, 450.
(2) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1347.

ricasoliana (Tanfani) Sprague
Pandorea ricasoliana (Tanfani) Baillon (1)
Tecoma ricasoliana Tanfani (1)
Perennial. Scrambler, occ. shrub. Ht? Alt 6–240 m. KZN, EC

RHIGOZUM Burch. 7722000

(1) Sprague. 1904. *FC* 4,2: 450–453.
(2) Sprague. 1906. *FTA* 4,2: 530–532.
(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 381.
(4) Merxmüller & Schreiber. 1967. *FSWA* 128: 4, 5.
(5) Giess. 1968. *Dinteria* 1: 31–51.
(6) Diniz. 1988. *FZ* 8,3: 67–70.

brevispinosum Kuntze
R. linifolium S.Moore (2)
R. spinosum Burch. ex Sprague (2)
Perennial. Shrub. Ht 0.6–4 m. Alt 60–1400 m. N, B, LIM, NW, M, NC

linifolium S.Moore = **R. brevispinosum**

obovatum Burch.
Perennial. Shrub or small tree. Ht 0.7–4.5 m. Alt 200–1980 m. N, LIM, M, FS, NC, WC, EC

spinosum Burch. ex Sprague = **R. brevispinosum**

trichotomum Burch.
Perennial. Shrub. Ht 0.6–2(–4) m. Alt 600–1600 m. N, B, FS, NC, WC, EC

virgatum Merxm. & A.Schreib.
Perennial. Shrub. Ht up to 3 m. Alt ± 1200 m. N

zambesiacum Baker
Perennial. Shrub or small tree. Ht 1.2–7 m. Alt 30–790 m. B, LIM, M, S, KZN

SPATHODEA P.Beauv. 7742000

acuminata Klotzsch = **Markhamia zanzibarica**

zanzibarica Bojer ex DC. = **Markhamia zanzibarica**

TECOMA Juss. 7733000

(1) Gentry. 1992. *Flora neotropica*, Monograph. 25,II: 273–293.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 373.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 215.

capensis (Thunb.) Lindl.
Bignonia capensis Thunb. (1)
Gelseminum capense (Thunb.) Kuntze (1)
Tecomaria capensis (Thunb.) Spach (1)
Tecomaria krebsii Klotzsch (1)
Tecomaria petersii Klotzsch (1)
Perennial. Shrub, scrambler or small tree. Ht 0.5–7.5(–10) m. Alt 15–1645 m. LIM, M, S, KZN, WC?, EC

ricasoliana Tanfani = **Podranea ricasoliana**

***stans** (L.) Juss. ex Humb., Bonpl. & Kunth var. **stans**
Perennial. Shrub or small tree. Ht 2–4(–6) m. Alt 3–1670 m. LIM, NW, G, M, S, KZN, EC

TECOMARIA (Endl.) Spach 7713000

Note: the sinking of *Tecomaria* under *Tecoma* is questionable and a close study of the two genera is needed. Recent authors vary in their use of the two names.

(1) Sprague. 1904. *FC* 4, 2: 448, 449.
(2) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 903.
(3) Diniz. 1988. *FZ* 8,3: 64–67.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 461.
(5) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 416.

capensis (Thunb.) Spach = **Tecoma capensis**

krebsii Klotzsch = **Tecoma capensis**

petersii Klotzsch = **Tecoma capensis**

BOMBACACEAE

Compiled by M. Jordaan

ADANSONIA L. 5023000

(1) Wild. 1961. *FZ* 1: 512, 513.
(2) Killick. 1988. *The Flowering Plants of Africa* 50: t. 1967.

digitata L.
Perennial. Tree. Ht 3–18 m. Alt 100–1060 m. N, B, LIM

BORAGINACEAE

Compiled by E. Retief

AFROTYSONIA Rauschert 7072010

(1) Mill. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 467–475.
(2) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 180, 181.

africana (Bolus) Rauschert
Tysonia africana Bolus (1)
Perennial. Herb. Ht 0.91–1.42 m. Alt ± 1300 m. KZN

glochidiata (R.R.Mill) R.R.Mill
Tysonia glochidiata R.R.Mill (1)
Perennial. Herb. Ht 0.7–1.5 m. Alt 1600–2400 m. KZN, EC

***AMSINCKIA** Lehm. 7082000

(1) Chater. 1972. *Flora europaea* 3: 110.
(2) Retief & Herman. 1997. *Strelitzia* 6: 350.

(3) Retief. 2000. *Strelitzia* 9: 374.
(4) Retief & Van Wyk. 2001. *South African Journal of Botany* 67: 287–293.

angustifolia Lehm. = **A. calycina**

calycina (Moris) Chater
A. angustifolia Lehm. (1)
A. hispida I.M.Johnst. (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 600–1100 m. NC, WC

hispida I.M.Johnst. = **A. calycina**

menziesii (Lehm.) A.Nelson & J.F.Macbr., misapplied name (4)

retrorsa Suksd.
Annual. Herb. Ht 0.15–0.45 m. Alt 20–1569 m. NW, NC, WC, EC

ANCHUSA L. 7093000

(1) De Candolle. 1846. *Prodromus* 10: 41–54.
(2) Wright. 1904. *FC* 4: 16–18.
(3) Chater. 1972. *Flora europaea* 3: 106–109.
(4) Retief & Herman. 1997. *Strelitzia* 6: 350.
(5) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374.

***azurea** Mill.
A. italica Retz. (3)
Perennial. Herb. Ht 0.2–1.5 m. Alt ± 1220 m. NW, FS, WC, EC

capensis Thunb.
Perennial. Herb. Ht 0.2–1 m. Alt 60–3200 m. N, G, M, FS, L, NC, WC, EC

italica* Retz. = **A. azurea

riparia A.DC.
Perennial. Herb. Ht 0.3–1.5 m. Alt 170–1800 m. NW, FS, L, NC, WC, EC

BORAGINELLA Kuntze 7056030

africana (L.) Kuntze = **Trichodesma africanum**

angustifolium (Harv.) Kuntze = **Trichodesma angustifolium** subsp. **angustifolium**

BORRAGINOIDES Boehm. 7056040

aculeata (L.) Moench = **Trichodesma africanum**

africana (L.) Hiern = **Trichodesma africanum**

BORAGO L. 7091000

africana L. = **Trichodesma africanum**

zeylanica Burm. = **Trichodesma zeylanicum**

*BUGLOSSOIDES Moench 7109010

(1) Fernandes. 1972. *Flora europaea* 3: 87, 88.
(2) Retief & Herman. 1997. *Strelitzia* 6: 350.
(3) Retief & Van Wyk. 2002. *Bothalia* 32: 9–13.

arvensis (L.) I.M.Johnst.
Lithospermum arvense L. (1)
Lithospermum incrassatum Guss. (1)
Annual. Herb. Ht up to 0.6 m. Alt 30–1920 m. NW, G, FS, L, NC, WC, EC

CODON L. 7032000

(1) Friedrich-Holzhammer. 1967. *FSWA* 118: 1, 2.
(2) Ferguson. 1999. *Systematic Botany* 23: 253–268.
(3) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374.

luteum Marloth & Engl. = **C. schenckii**

royenii L.
Annual or shortly perennial. Herb. Ht 0.15–0.45 m. Alt 245–2000 m. N, NC

schenckii Schinz
C. luteum Marloth & Engl. (1)
Annual or shortly perennial. Shrub, herb. Ht up to 1.5 m. Alt 400–1850 m. N, NC

COLDENIA L. 7046000

(1) Martins. 1990. *FZ* 7,4: 79–81.
(2) Verdcourt. 1991. *FTEA* Boraginaceae: 44–46.

angolensis Welw. = **C. procumbens**

procumbens L.
C. angolensis Welw. (2)
Lobophyllum tetrandrum F.Muell. (2)
Annual. Herb, procumbent. Length up to 0.4 m. Alt ± 400 m. LIM, M

CORDIA L. 7038000

(1) De Candolle. 1845. *Prodromus* 9: 479.
(2) Wright. 1904. *FC* 4: 4.
(3) Obermeyer. 1937. *Annals of the Transvaal Museum* 17: 219, 220.
(4) Hutchinson. 1946. *A botanist in southern Africa*: 315.
(5) Taton. 1971. *Flore du Congo du Rwanda et du Burundi* Boraginaceae: 3–19.
(6) Glen. 1984. *The Flowering Plants of Africa* 48: t. 1890.
(7) Verdcourt. 1989. *Kew Bulletin* 44: 166.
(8) Martins. 1990. *FZ* 7,4: 60–72.
(9) Verdcourt. 1991. *FTEA* Boraginaceae: 3–33.
(10) Retief & Herman. 1997. *Strelitzia* 6: 351.
(11) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 134–137.
(12) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

abyssinica R.Br. = **C. africana**

africana Lam.
C. abyssinica R.Br. (12)
Perennial. Tree. Ht 10–24 m. Alt 730–745 m. LIM

caffra Sond.
Perennial. Tree, shrub. Ht 2–10 m. Alt 5–1065 m. LIM, M, S, KZN, EC

grandicalyx Oberm.
Perennial. Tree, shrub. Ht 2.5–7 m. Alt 379–1850 m. N, B, LIM

monoica Roxb., misapplied name (12)

ovalis R.Br. ex A.DC.
Perennial. Tree, shrub. Ht 1–5 m. Alt 200–830 m. LIM, M, S

pilosissima Baker
Perennial. Tree, shrub. Ht 4–10 m. Alt ± 915 m. B

quercifolia Klotzsch
Perennial. Tree. Ht 1–5 m. Alt 130–700 m. LIM, M, KZN

rogersii Hutch. (insufficiently known)

sinensis Lam.
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 250–1000 m. N, LIM, M

CYNOGLOSSUM L. 7064000

(1) Brand. 1921. *Das Pflanzenreich* 78,IV,252: 114–153.
(2) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 287, 288.
(3) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 345–350.

(4) Martins. 1990. *FZ* 7,4: 102–108.
(5) Verdcourt. 1991. *FTEA* Boraginaceae: 102–117.
(6) Retief & Van Wyk. 1996. *South African Journal of Botany* 62: 169–172.
(7) Retief & Herman. 1997. *Strelitzia* 6: 351.
(8) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374, 375.

alticola Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.5–0.6 m. Alt 2500–2866 m. KZN, L, EC

***amabile** Stapf & J.R.Drumm.
Perennial. Herb. Ht ± 0.6 m. Alt ± 1300 m. KZN

austroafricanum Hilliard & B.L.Burtt
C. austroafricanum Weim., naked name (3)
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 1492–3000 m. NW, G, M, S, FS, KZN, L, NC, EC

austroafricanum Weim., naked name = **C. austroafricanum**

basuticum Weim. ex Jacot Guill. = **C. spelaeum**

enerve Turcz. = **C. hispidum**

geometricum Baker & C.H.Wright
C. lanceolatum Forssk. subsp. *geometricum* (Baker & C.H.Wright) Brand (3)
Annual, occ. perennial. Herb. Ht 0.6–1.6 m. Alt ± 1828 m. LIM, KZN

hispidum Thunb.
C. enerve Turcz. (1)
Biennial. Herb. Ht 0.3–0.6 m. Alt 15–2685 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

lanceolatum Forssk.
C. micranthum Desf. (1)
Biennial. Herb. Ht 0.3–1.2 m. Alt 5–2750 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

lanceolatum Forssk. subsp. *geometricum* (Baker & C.H.Wright) Brand = **C. geometricum**

micranthum Desf. = **C. lanceolatum**

obtusicalyx Retief & A.E.van Wyk
Perennial. Herb. Ht 0.3–0.4 m. Alt 975–1676 m. NC, WC

spelaeum Hilliard & B.L.Burtt
C. basuticum Weim. ex Jacot Guill. (2)
Perennial. Herb. Ht up to 1 m. Alt 1800–2600 m. FS, KZN, L, EC

ECHINOSPERMUM Sw. ex Lehm. 7073010

capense A.DC. = **Lappula capensis**

cynoglossoides Lam. = **Lappula cynoglossoides**

ECHIOSTACHYS Levyns 7117010

(1) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 445–451.
(2) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.

ecklonianus (H.Buek) Levyns
Echium galpinii (C.H.Wright) I.M.Johnst. (1)
Lobostemon ecklonianus H.Buek (1)
Perennial. Herb. Ht 0.15–0.36 m. Alt ± 60 m. WC

incanus (Thunb.) Levyns
Echium incanum Thunb. (1)
Lobostemon spicatus H.Buek (1)
Lobostemon splendens H.Buek (1)
Perennial. Herb. Ht 0.15–0.4 m. Alt ± 100 m. WC

spicatus (Burm.f.) Levyns
Echium spicatum Burm.f. (1)
Lobostemon alopecuroideus C.H.Wright (1)
Lobostemon caudatus H.Buek (1)
Lobostemon eriostachyus H.Buek (1)
Lobostemon latifolius H.Buek (1)
Perennial. Herb. Ht ± 0.4 m. Alt 91–120 m. WC

*ECHIUM L. 7118000

(1) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 393–445.
(2) Bramwell. 1972. *Lagascalia* 2: 37–115.
(3) Gibbs. 1972. *Flora europaea* 3: 97–100.
(4) Retief & Herman. 1997. *Strelitzia* 6: 351.
(5) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.
(6) Willis & Smith. 2002. *Aloe* 39: 15–22.

angustifolium Thunb. = **Lobostemon glaucophyllus**

argenteum P.J.Bergius = **Lobostemon argenteus**

buekii I.M.Johnst. = **Lobostemon echioides**

capitatum L. = **Lobostemon capitatus**

capitiforme (A.DC.) I.M.Johnst. = **Lobostemon capitatus**

cephaloideum (A.DC.) I.M.Johnst. = **Lobostemon capitatus**

curvifolium (H.Buek) I.M.Johnst. = **Lobostemon curvifolius**

diversifolium (H.Buek) I.M.Johnst. = **Lobostemon echioides**

echioides (Lehm.) I.M.Johnst. = **Lobostemon echioides**

falcatum Lam. = **Lobostemon glaucophyllus**

fastigiatum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

ferocissimum Andr. = **Lobostemon argenteus**

ferox Pers. = **Lobostemon argenteus**

formosum Pers. = **Lobostemon regulareflorus**

fruticosum L. var. *fruticosum* = **Lobostemon fruticosus**

fruticosum L. var. *major* Lehm. = **Lobostemon fruticosus**

fruticosum L. var. *minor* Curtis = **Lobostemon fruticosus**

galpinii (C.H.Wright) I.M.Johnst. = **Echiostachys ecklonianus**

glaber Thunb. = **Lobostemon glaucophyllus**

glabrum Vahl = **Lobostemon glaber**

glaucophyllum Jacq. = **Lobostemon glaucophyllus**

grandiflorum Andrews = **Lobostemon regulareflorus**

hispidum Burm. = **Lobostemon capitatus**

hispidum Thunb. = **Lobostemon glaber**

incanum Thunb. = **Echiostachys incanus**

laevigatum L. = **Lobostemon laevigatus**

laevigatum Lam. = **Lobostemon glaucophyllus**

lucidum Lehm. = **Lobostemon lucidus**

lycopsis L. = **Echium plantagineum**

microphyllum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

montanum (H.Buek) A.DC. = **Lobostemon montanus**

nitidum (Bolus) I.M.Johnst. = **Lobostemon echioides**

obovatum (A.DC.) I.M.Johnst. = **Lobostemon fruticosus**

obtusifolium I.M.Johnst. = **Lobostemon trigonus**

oederiaefolium (A.DC.) I.M.Johnst. = **Lobostemon oederiaefolius**

paniculatum Thunb. = **Lobostemon paniculatus**

paniculiforme I.M.Johnst. = **Lobostemon paniculiformis**

pilicaule (C.H.Wright) I.M.Johnst. = **Lobostemon argenteus**

plantagineum L.
E. lycopsis L. (3)
E. violaceum L. (3)
Biennial. Herb. Ht 0.2–0.6 m. Alt 70–2300 m. M, FS, KZN, L, WC, EC

pubiflorum (C.H.Wright) I.M.Johnst. = **Lobostemon echioides**

regulareflorum Ker Gawl. = **Lobostemon regulareflorus**

sanguineum (Schltr.) I.M.Johnst. = **Lobostemon sanguineus**

scabrum Lehm. = **Lobostemon strigosus**

scabrum Thunb. = **Lobostemon fruticosus**

schlechteri I.M.Johnst. = **Lobostemon collinus**

simplex L.
Perennial. Herb. Ht ± 2 m. Alt ± 30 m. WC

spicatum Burm.f. = **Echiostachys spicatus**

sphaerocephalum Vahl = **Lobostemon capitatus**

sprengelianum (H.Buek) A.DC. = **Lobostemon montanus**

stachydeum (A.DC.) I.M.Johnst. = **Lobostemon stachydeus**

strigosum Lehm. = **Lobostemon strigosus**

swartzii Lehm. = **Lobostemon glaber**

trichotomum Thunb. = **Lobostemon trichotomus**

trigonum Thunb. = **Lobostemon trigonus**

tubiferum Poir. = **Lobostemon regulareflorus**

vahlii Roem. & Schult. = **Lobostemon glaber**

verrucosum Thunb. = **Lobostemon trichotomus**

violaceum L. = **Echium plantagineum**

virgatum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

vulgare L.
Perennial. Herb. Ht 0.2–0.9 m. Alt 1370–2439 m. M, FS, L, EC

wurmbii (A.DC.) I.M.Johnst. = **Lobostemon trichotomus**

EHRETIA P.Browne 7043000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 353.
(2) Friedrich-Holzhammer. 1967. *FSWA* 119: 1–10.
(3) Martins. 1990. *FZ* 7,4: 75–79.
(4) Verdcourt. 1991. *FTEA* Boraginaceae: 33–40.
(5) Retief & Herman. 1997. *Strelitzia* 6: 351, 352.
(6) Retief & Van Wyk. 2001. *Bothalia* 31: 9–23.

alba Retief & A.E.van Wyk
Perennial. Shrub. Ht up to 4 m. Alt 997–1800 m. N, B, NW, FS, NC

amoena Klotzsch
E. goetzei Gürke (6)
E. mossambicensis Klotzsch (6)
E. stuhlmannii Gürke (6)
Perennial. Tree, shrub. Ht up to 5 m. Alt 30–1600 m. LIM, M, S, KZN

coerulea Gürke
E. coerulea Gürke var. *glandulosa* Suess. (6)
Perennial. Shrub, tree. Ht up to 8 m. Alt ± 1000 m. N, B

coerulea Gürke var. *glandulosa* Suess. = **E. coerulea**

fischeri Gürke = **E. obtusifolia**

goetzei Gürke = **E. amoena**

hottentotica Burch. = **E. rigida** subsp. **rigida**

mossambicensis Klotzsch = **E. amoena**

namibiensis Retief & A.E.van Wyk subsp. **kaokoensis** Retief & A.E.van Wyk
Perennial. Shrub. Ht up to 4 m. Alt ± 1000 m. N

namibiensis Retief & A.E.van Wyk subsp. **namibiensis** Retief & A.E.van Wyk
Perennial. Shrub. Ht up to 3 m. Alt 900–1752 m. N, B

obtusifolia Hochst. ex A.DC.
E. fischeri Gürke (6)
Perennial. Suffrutex, shrub or small tree. Ht up to 3 m. Alt 30–1400 m. LIM, G, M, S, KZN

rigida (Thunb.) Druce subsp. **nervifolia** Retief & A.E.van Wyk
Perennial. Shrub. Ht up to 5 m. Alt 25–1700 m. B, LIM, NW, G, M, S, FS, KZN, L

rigida (Thunb.) Druce subsp. **rigida**
Capraria rigida Thunb. (6)
E. hottentotica Burch. (6)
Freylinia rigida (Thunb.) G.Don (6)
Perennial. Shrub, tree. Ht up to 4 m. Alt 150–1400 m. NC, WC, EC

rigida (Thunb.) Druce subsp. **sylvatica** Retief & A.E.van Wyk
Perennial. Shrub, tree. Ht up to 12 m. Alt 150–500 m. KZN, EC

stuhlmannii Gürke = **E. amoena**

FRIEDRICHSTHALIA Fenzl 7056020

physaloides Fenzl = **Trichodesma physaloides**

HELIOPHYTUM Cham. 7052010

lineare A.DC. = **Heliotropium lineare**

HELIOTROPIUM L. 7052000

(1) Wright. 1904. *FC* 4, 2: 7–10.
(2) Friedrich-Holzhammer. 1967. *FSWA* 119: 1–10.
(3) Hilliard & Burtt. 1970. *Notes from the Royal Botanic Garden Edinburgh* 30: 113–118.
(4) Taton. 1971. *Flore du Congo du Rwanda et du Burundi* Boraginaceae: 28–36.
(5) Verdcourt. 1989. *Kew Bulletin* 44: 166.
(6) Martins. 1990. *FZ* 7,4: 108–110.
(7) Verdcourt. 1991. *FTEA* Boraginaceae: 50–77.
(8) Retief & Herman. 1997. *Strelitzia* 6: 352, 353.
(9) Förther. 1998. *Sendtnera* 5: 35–241.
(10) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.
(11) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

albiflorum Engl.
H. erongense Dinter ex Friedr.-Holzh. (2)
Perennial. Herb. Ht up to 0.6 m. Alt ± 700 m. N

***amplexicaule** Vahl
Perennial. Herb, procumbent, decumbent, erect. Ht up to 0.5 m. Alt 5–1370 m. LIM, G, KZN, EC

baclei A.DC. var. **rostratum** Johnst.
H. katangense Gürke ex De Wild. (4)
Perennial. Herb, procumbent. Ht up to 0.4 m. Alt 379–915 m. N

burmanni Roem. & Schult. = **H. tubulosum**

capense Lehm. = **H. supinum**

ciliatum Kaplan
H. gibbosum Friedr.-Holzh. (3)
H. pustulatum Kaplan (3)
Tournefortia tuberculosa Cham. (3)
Perennial. Herb. Ht 0.2–0.8 m. Alt 62–1740 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

constrictum Kaplan = **H. strigosum**

***curassavicum** L.
Perennial, occ. annual. Herb, succulent, procumbent. Ht 0.06–0.15 m. Alt 2–1667 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC, EC

dissimile N.E.Br. = **H. nelsonii**

erectum Friedr.-Holzh. = **H. giessii**

erongense Dinter ex Friedr.-Holzh. = **H. albiflorum**

gibbosum Friedr.-Holzh. = **H. ciliatum**

***europaeum** L.
Perennial. Herb. Ht ± 0.3 m. Alt ± 215 m. WC

giessii Friedr.-Holzh.
H. erectum Friedr.-Holzh. (2)
Perennial. Herb. Ht 0.4–1 m. Alt 275–1200 m. N, B, LIM, M

hereroense Schinz
H. pseudostrigosum Dinter (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 168–1850 m. N, LIM, NC

inconspicuum Dinter ex Vaupel = **H. zeylanicum**

***indicum** L.
Annual, occ. perennial. Herb. Ht ± 1.5 m. Alt 20–915 m. N, B, LIM, KZN

katangense Gürke ex De Wild. = **H. baclei** var. **rostratum**

kuntzei Gürke = **H. lineare**

lineare (A.DC.) Gürke
Heliophytum lineare A.DC. (2)
H. kuntzei Gürke (2)
Perennial. Herb. Ht 0.3–0.45 m. Alt 320–1390 m. N, B, LIM, NW, M, FS, L, NC

marifolium Retz., misapplied name

nelsonii C.H.Wright
H. dissimile N.E.Br. (3)
H. rogersii Kaplan (3)
Perennial. Herb. Ht 0.6–0.9 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN, NC

oliveranum Schinz
Perennial. Herb. Ht up to 0.45 m. Alt 100–795 m. N

ovalifolium Forssk.
Annual, occ. perennial. Herb. Ht up to 0.6 m. Alt 5–1525 m. N, B, LIM, NW, M, S, KZN, NC, WC, EC

pseudostrigosum Dinter = **H. hereroense**

pustulatum Kaplan = **H. ciliatum**

rogersii Kaplan = **H. nelsonii**

steudneri Vatke, misapplied name (11)

strigosum Willd.
H. constrictum Kaplan (3)
Annual, occ. perennial. Herb. Ht 0.15–0.35 m. Alt 30–1560 m. N, B, NW, LIM, G, M, S, KZN

subulatum (Hochst. ex A.DC.) Vatke = **H. zeylanicum**

***supinum** L.
H. capense Lehm. (9)
Annual. Herb, procumbent. Ht? Alt 3–1220 m. N, B, LIM, NC, WC, EC

tubulosum E.Mey. ex A.DC.
H. burmannii Roem. & Schult. (9)
Perennial. Herb. Ht 0.15–0.35 m. Alt 100–1400 m. N, NC

zeylanicum (Burm.f.) Lam.
H. inconspicuum Dinter ex Vaupel (5)
H. subulatum (Hochst. ex A.DC.) Vatke (5)
Tournefortia subulata Hochst. ex A.DC. (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 275–940 m. N, B, LIM, M

LAPPULA Moench 7073000

(1) Gürke 1896. *Die natürlichen Pflanzenfamilien* 4, 3a: 106, 107.
(2) Brand. 1922. *Feddes Repertorium* 18: 312.
(3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 288, 289.
(4) Retief & Herman. 1997. *Strelitzia* 6: 353.
(5) Riedl. 1996. *Annalen des Naturhistorischen Museums in Wien*, Supplement 98B: 79–86.
(6) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

capensis (A.DC.) Gürke
Echinospermum capense A.DC. (1)
Echinospermum cynoglossoides Lam. (6)
L. cynoglossoides (Lam.) Gürke (6)
L. eckloniana Brand (6)
Annual. Herb. Ht 0.01–0.2 m. Alt 155–1640 m. FS, L, NC, WC, EC

cynoglossoides (Lam.) Gürke = **L. capensis**

echinata* Gilib. = **L. heteracantha

eckloniana Brand = **L. capensis**

***heteracantha** Ledeb.
L. echinata Gilib. (3)
L. squarrosa (L.) Dumort. subsp. *heteracantha* (Ledeb.) Chater (3)
Perennial. Herb. Ht up to 0.6 m. Alt 155–2795 m. NW, G, FS, KZN, L, NC, EC

squarrosa* (L.) Dumort. subsp. *heteracantha* (Ledeb.) Chater = **L. heteracantha

LEIOCARYA Hochst. 7056050

kotschyana Hochst. = **Trichodesma zeylanicum**

LITHOSPERMUM L. 7109000

(1) Wright. 1904. *FC* 4,2: 20–24.
(2) Taton. 1971. *Flore du Congo du Rwanda et du Burundi* Boraginaceae: 56–58.
(3) Martins. 1990. *FZ* 7,4: 108–110.
(4) Verdcourt. 1991 *FTEA* Boraginaceae: 77–79.
(5) Retief & Herman. 1997. *Strelitzia* 6: 353.
(6) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

affine A.DC.
Perennial. Herb. Ht 0.3–0.4 m. Alt 1600–2000 m. EC

afromontanum Weim.
L. officinale of author, not of L., concept invalid (3)
Perennial. Shrub, herb. Ht 0.5–1.8 m. Alt 1300–2130 m. M, S, KZN, L

arvense L. = **Buglossoides arvensis**

cinereum A.DC.
L. inornatum A.DC. (6)

Perennial. Herb. Ht 0.1–0.3 m. Alt 1020–2300 m. N, NW, FS, KZN, L, EC

diversifolium A.DC.
Perennial. Herb. Ht ± 0.3 m. Alt 1800–2000 m. L, EC

flexuosum Lehm. (insufficiently known)

hirsutum E.Mey. ex A.DC.
Perennial. Herb. Ht 0.3–0.4 m. Alt ± 1500 m. FS, NC

incrassatum Guss. = **Buglossoides arvensis**

inornatum A.DC. = **L. cinereum**

officinale* of author, not of L., concept invalid = **L. afromontanum

papillosum Thunb.
Perennial. Herb. Ht 0.15–0.3 m. Alt 700–2800 m. M, S, KZN, L, WC, EC

scabrum Thunb.
Perennial. Herb. Ht 0.25–0.4 m. Alt 570–2000 m. FS, NC, EC

LOBOPHYLLUM F.Muell. 7046010

tetrandrum F.Muell. = **Coldenia procumbens**

LOBOSTEMON Lehm. 7117000

(1) Buek. 1837. *Linnaea* 11: 129–149.
(2) Levyns. 1934. *Kew Bulletin* 1934: 101.
(3) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 393–451.
(4) Buys & Van der Walt. 1994. *Bothalia* 24: 170.
(5) Buys & Van der Walt. 1996. *South African Journal of Botany* 62: 31–35.
(6) Buys. 1997. *A systematic revision of* Lobostemon *(Boraginaceae).* Unpublished Ph.D. thesis, University of Stellenbosch, Stellenbosch.
(7) Buys & Van der Walt. 1999. *South African Journal of Botany* 65: 144–148.

alopecuroideus C.H.Wright = **Echiostachys spicatus**

argenteus (P.J.Bergius) H.Buek
Echium argenteum P.J.Bergius (3)
Echium ferocissimum Andr. (6)
Echium ferox Pers. (6)
Echium pilicaule (C.H.Wright) I.M.Johnst. (3)
L. ferocissimus (Andr.) A.DC. (6)
L. montanus H.Buek var. *minor* C.H.Wright (6)
L. pilicaulis C.H.Wright (6)
L. zeyheri H.Buek (3)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–1065 m. NC, WC, EC

belliformis M.H.Buys
Perennial. Shrub. Ht 1–1.5 m. Alt ± 130 m. WC

bolusii Levyns = **L. capitatus**

breviflorus A.DC. = **L. trichotomus**

capitatus (L.) H.Buek
Echium capitatum L. (3)
Echium capitiforme (A.DC.) I.M.Johnst. (3)
Echium cephaloideum (A.DC.) I.M.Johnst. (3)
Echium hispidum Burm. (6)
Echium sphaerocephalum Vahl (6)
L. bolusii Levyns (6)
L. capitiformis A.DC. (6)
L. cephaloideus A.DC. (6)
L. inconspicuus Levyns (6)
L. sphaerocephalus (Vahl) H.Buek (3)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ± 120 m. WC

capitiformis A.DC. = **L. capitatus**

caudatus H.Buek = **Echiostachys spicatus**

cephaloideus A.DC. = **L. capitatus**

collinus Schltr. ex C.H.Wright
Echium schlechteri I.M.Johnst. (3)
Perennial. Shrub. Ht 0.2–0.4 m. Alt ± 25 m. WC

curvifolius H.Buek
Echium curvifolium (H.Buek) I.M.Johnst. (3)
L. magnisepalum N.E.Br. (3)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–1830 m. WC

daltonii M.H.Buys
Perennial. Shrub. Ht 0.6–1 m. Alt 200–400 m. WC

decorus Levyns
Perennial. Shrub. Ht 0.6–1 m. Alt 533–1525 m. WC

diversifolius H.Buek = **L. echioides**

dregei A.DC. = **L. glaucophyllus**

echioides Lehm.
Echium buekii I.M.Johnst. (3)
Echium diversifolium (H.Buek) I.M.Johnst. (3)
Echium echioides (Lehm.) I.M.Johnst. (3)
Echium fastigiatum (H.Buek) I.M.Johnst. (3)
Echium nicrophyllum (H.Buek) I.M.Johnst. (3)
Echium nitidum (Bolus) I.M.Johnst. (3)
Echium pubiflorum (C.H.Wright) I.M.Johnst. (3)
Echium virgatum (H.Buek) I.M.Johnst. (3)
L. diversifolius H.Buek (6)
L. elongatus H.Buek (3)
L. fastigiatus H.Buek (6)
L. lehmannianus H.Buek (6)
L. microphyllus H.Buek (6)
L. nitidus C.H.Wright (6)
L. pubiflorus C.H.Wright (6)
L. virgatus H.Buek (6)
Perennial. Shrub. Ht 0.2–0.8 m. Alt 123–1370 m. NC, WC, EC

ecklonianus H.Buek = **Echiostachys ecklonianus**

elongatus H.Buek = **L. echioides**

eriostachyus H.Buek = **Echiostachys spicatus**

falcatus Druce = **L. glaucophyllus**

fastigiatus H.Buek = **L. echioides**

ferocissimus A.DC. var. *albicalyx* C.H.Wright = **L. stachydeus**

ferocissimus (Andr.) A.DC. = **L. argenteus**

formosus (Pers.) H.Buek = **L. regulareflorus**

fruticosus (L.) H.Buek
Echium fruticosum L. var. *fruticosum* (6)
Echium fruticosum L. var. *major* Lehm. (6)
Echium fruticosum L. var. *minor* Curtis (6)
Echium obovatum (A.DC.) I.M.Johnst. (3)
Echium scabrum Thunb. (6)
L. fruticosus (L.) H.Buek var. *bergianus* A.DC. (6)
L. fruticosus (L.) H.Buek var. *fruticosus* (6)
L. lasiophyllus A.DC. (3)
L. obovatus A.DC. (6)
L. scaber (Thunb.) A.DC. (6)
Perennial. Shrub. Ht 0.5–0.8 m. Alt 30–1372 m. WC

fruticosus (L.) H.Buek var. *bergianus* A.DC. = **L. fruticosus**

fruticosus (L.) H.Buek var. *fruticosus* = **L. fruticosus**

glaber (Thunb.) A.DC. = **L. glaucophyllus**

glaber (Vahl) H.Buek
Echium glabrum Vahl (6)
Echium hispidum Thunb. (6)
Echium swartzii Lehm. (6)
Echium vahlii Roem. & Schult. (6)
L. hispidus (Thunb.) A.DC. (6)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 160–1160 m. WC

glaucophyllus (Jacq.) H.Buek
Echium angustifolium Thunb. (6)
Echium falcatum Lam. (6)
Echium glaber Thunb. (6)
Echium glaucophyllum Jacq. (3)
Echium laevigatum Lam. (6)
L. dregei A.DC. (6)
L. falcatus Druce (3)
L. glaber (Thunb.) A.DC. (6)
L. swartzii (Lehm.) H.Buek (6)
Perennial. Shrub. Ht 0.5–1 m. Alt 30–1660 m. NC, WC

gracilis Levyns
Perennial. Shrub. Ht 0.3–1 m. Alt 170–250 m. WC

grandiflorus (Andrews) Levyns = **L. regulareflorus**

hispidus (Thunb.) A.DC. = **L. glaber**

horridus Levyns
Perennial. Shrub. Ht ± 0.8 m. Alt ± 900 m. WC

hottentoticus Levyns
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 160–300 m. WC

inconspicuus Levyns = **L. capitatus**

laevigatus (L.) H.Buek
Echium laevigatum L. (1)
Perennial. Shrub. Ht 0.6–1.4 m. Alt 155–1615 m. WC

lasiophyllus A.DC. = **L. fruticosus**

latifolius H.Buek = **Echiostachys spicatus**

lehmannianus H.Buek = **L. echioides**

lucidus (Lehm.) H.Buek
Echium lucidum Lehm. (3)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 65–610 m. WC

magnisepalum N.E.Br. = **L. curvifolius**

marlothii Levyns
Perennial. Shrub. Ht 0.6–1 m. Alt 945–1525 m. WC, EC

microphyllus H.Buek = **L. echioides**

montanus H.Buek
Echium montanum (H.Buek) A.DC. (3)
Echium sprengelianum (H.Buek) A.DC. (6)
L. sprengelianus H.Buek (6)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 30–1006 m. WC

montanus H.Buek var. *minor* C.H.Wright = **L. argenteus**

muirii Levyns
Perennial. Shrub. Ht 0.6–1 m. Alt ± 1200 m. WC

nitidus C.H.Wright = **L. echioides**

obovatus A.DC. = **L. fruticosus**

obtusifolius A.DC. = **L. trigonus**

oederiaefolius A.DC.
Echium oederiaefolium (A.DC.) I.M.Johnst. (3)
Perennial. Shrub. Ht 0.4–1 m. Alt 215–1280 m. WC

paniculatus (Thunb.) H.Buek
Echium paniculatum Thunb. (3)
Perennial. Shrub. Ht 0.3–0.8 m. Alt 105–1650 m. WC

paniculiformis A.DC.
Echium paniculiforme I.M.Johnst. (3)
Perennial. Shrub. Ht 0.45–1 m. Alt 61–230 m. WC

pearsonii Levyns
Perennial. Shrub. Ht 0.6–1 m. Alt 25–759 m. NC, WC

pilicaulis C.W.Wright = **L. argenteus**

pubiflorus C.H.Wright = **L. echioides**

regulareflorus (Ker Gawl.) M.H.Buys
Echium formosum Pers. (4)
Echium grandiflorum Andrews (4)
Echium regulareflorum Ker Gawl. (6)
Echium tubiferum Poir. (6)
L. formosus (Pers.) H.Buek (6)
L. grandiflorus (Andrews) Levyns (4)
Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1700 m. WC

sanguineus Schltr.
Echium sanguineum (Schltr.) I.M.Johnst. (3)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–395 m. WC

scaber A.DC. = **L. trigonus**

sphaerocephalus (Vahl) H.Buek = **L. capitatus**

spicatus H.Buek = **Echiostachys incanus**

splendens H.Buek = **Echiostachys incanus**

sprengelianus H.Buek = **L. montanus**

stachydeus A.DC.
Echium stachydeum (A.DC.) I.M.Johnst. (3)
L. ferocissimus A.DC. var. *albicalyx* C.H.Wright (6)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 275–1676 m. NC, WC, EC

strigosus (Lehm.) H.Buek
Echium scabrum Lehm. (3)
Echium strigosum Lehm. (3)
Perennial. Shrub. Ht 0.5–1 m. Alt 91–1240 m. WC

swartzii (Lehm.) H.Buek = **L. glaucophyllus**

thunbergianus H.Buek = **L. trigonus**

thymeloideus A.DC. var. *longifolius* A.DC. = **L. trichotomus**

thymeloideus A.DC. var. *setulosus* A.DC. = **L. trichotomus**

thymeloideus A.DC. var. *thymeloideus* = **L. trichotomus**

trichotomus (Thunb.) A.DC.
Echium trichotomum Thunb. (3)
Echium verrucosum Thunb. (6)
Echium wurmbii (A.DC.) I.M.Johnst. (6)
L. breviflorus A.DC. (6)
L. thymeloideus A.DC. var. *longifolius* A.DC. (6)
L. thymeloideus A.DC. var. *setulosus* A.DC. (6)
L. thymeloideus A.DC. var. *thymeloideus* (6)
L. verrucosum (Thunb.) H.Buek (3)
L. wurmbii A.DC. (6)
Perennial. Shrub. Ht 0.4–0.9 m. Alt 30–1295 m. WC

trigonus (Thunb.) H.Buek
Echium obtusifolium I.M.Johnst. (3)
Echium trigonum Thunb. (3)
L. obtusifolius A.DC. (6)
L. scaber A.DC. (3)
L. thunbergianus H.Buek (6)
Perennial. Shrub. Ht 0.5–0.7 m. Alt 5–970 m. WC, EC

verrucosum (Thunb.) H.Buek = **L. trichotomus**

virgatus H.Buek = **L. echioides**

wurmbii A.DC. = **L. trichotomus**

zeyheri H.Buek = **L. argenteus**

MYOSOTIS L. 7100000

(1) Wright. 1904. *FC* 4: 18–20.
(2) Grau & Merxmüller. 1972. *Flora europaea* 3: 111–117.
(3) Retief & Herman. 1997. *Strelitzia* 6: 353.
(4) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

afropalustris C.H.Wright
Perennial. Herb. Ht up to 0.5 m. Alt 1800–3200 m. FS, KZN, L, EC

***arvensis** (L.) Hill
M. intermedia Link (2)
Annual. Herb. Ht 0.15–0.2 m. Alt 60–300 m. WC, EC

***discolor** Pers.
M. versicolor (Pers.) Sm. (2)
Annual. Herb. Ht 0.05–0.25 m. Alt ± 50 m. WC

galpinii C.H.Wright
Perennial. Herb. Ht 0.5–0.7 m. Alt 1400–2000 m. M, KZN, EC

graminifolia A.DC.
Perennial. Herb. Ht 0.0.2–0.4 m. Alt 1700–2430 m. FS, KZN, L, EC

intermedia* Link = **M. arvensis

semiamplexicaulis A.DC. (insufficiently known)

***sylvatica** Hoffm.
Perennial. Herb. Ht 0.4–0.6 m. Alt 90–3475 m. LIM, M, S, FS, KZN, L, WC, EC

versicolor* (Pers.) Sm. = **M. discolor

*PHACELIA Juss. 7025000

(1) Brand. 1913. *Das Pflanzenreich* 59: 60–130.

artemisioides Griseb.
Annual. Herb, decumbent. Ht ± 0.15 m. Alt ± 1400 m. FS

*ROCHELIA Rchb. 7124000

(1) Ferguson. 1972. *Flora europaea* 3: 110.
(2) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

disperma (L.f.) K.Koch
Cervia disperma (L.f.) Hayek (1)
Annual. Herb. Ht up to 0.2 m. Alt 800–1600 m. NC

TOURNEFORTIA L. 7051000

tuberculosa Cham. = **Heliotropium ciliatum**

subulata Hochst. ex A.DC. = **Heliotropium zeylanicum**

TRICHODESMA R.Br. 7056000

(1) Brand. 1921. *Das Pflanzenreich* 78, IV, 252: 19–44.
(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 351.
(3) Brummitt. 1990. *FZ* 7: 94–99.
(4) Verdcourt. 1991. *FTEA* Boraginaceae: 91–102.
(5) Retief & Herman. 1997. *Strelitzia* 6: 353, 354.
(6) Retief & Van Wyk. 2002. *Bothalia* 32: 151–166.

africanum (L.) Lehm.
Borago africana L. (6)
Boraginella africana (L.) Kuntze (6)
Borraginoides aculeata (L.) Moench (6)
Borraginoides africana (L.) Hiern (6)
Annual or biennial. Herb. Ht up to 1 m. Alt 70–1300 m. N, NC, WC, EC

ambacense Welw. subsp. **hockii** (De Wild.) Brummitt
T. hockii De Wild. (3)
T. ledermannii Vaupel (3)
T. tinctorium Brand (3)
T. verdickii Brand (3)
Perennial. Herb. Ht up to 0.5 m. Alt ± 1000 m. N, B

angustifolium Harv. subsp. **angustifolium**
Boraginella angustifolium (Harv.) Kuntze (6)
T. lanceolatum Schinz (6)
Perennial. Dwarf shrub, herb. Ht up to 1.2 m. Alt 170–2000 m. N, B, NW, LIM, G, M, KZN

angustifolium Harv. subsp. **argenteum** Retief & A.E.van Wyk
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt 1100–1200 m. N

arenicola Gürke, misapplied name (6)

droogmansianum De Wild. & T.Durand = **T. physaloides**

glabrescens Gürke = **T. physaloides**

hockii De Wild. = **T. ambacense** subsp. **hockii**

lanceolatum Schinz = **T. angustifolium** subsp. **angustifolium**

ledermannii Vaupel = **T. ambacense** subsp. **hockii**

physaloides (Fenzl) A.DC.
Friedrichsthalia physaloides Fenzl (3)
T. droogmansianum De Wild. & T.Durand (3)
T. glabrescens Gürke (3)
T. ringoetii De Wild. (3)
Perennial. Herb. Ht up to 0.5 m. Alt 610–1980 m. LIM, G, M, S, KZN

ringoetii De Wild. = **T. physaloides**

tinctorium Brand = **T. ambacense** subsp. **hockii**

verdickii Brand = **T. ambacense** subsp. **hockii**

zeylanicum (Burm.) R.Br.
Borago zeylanica Burm. (1)
Leiocarya kotschyana Hochst. (6)
Perennial. Herb. Ht 0.3–1.5 m. Alt 35–960 m. LIM, M, S, KZN

TYSONIA Bolus 7072000

africana Bolus = **Afrotysonia africana**

glochidiata R.R.Mill = **Afrotysonia glochidiata**

WELLSTEDIA Balf.f. 7131000

(1) Friedrich-Holzhammer. 1967. *FSWA* 121: 1.
(2) Hunt. 1969. *Hooker's Icones Plantarum* 37: t. 3665–3667.
(3) Thulin & Johansson. 1996. In L.J.G. van der Maesen *et al.*, *The biodiversity of African plants*: 73–86.
(4) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae.* Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

dinteri Pilg. var. **dinteri**
Perennial. Dwarf shrub. Ht 0.03–0.3 m. Alt 440–1220 m. N, NC

dinteri Pilg. var. **gracilior** Hunt
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ± 1400 m. N

BRASSICACEAE

Compiled by H.F. Glen & M. Jordaan

*ALYSSUM L. 3006000

(1) Marais. 1970. *FSA* 13: 99.

glomeratum Burch. ex DC. = **A. minutum**

maritimum (L.) Lam. = **Lobularia maritima**

minutum Schltdl. ex DC.
A. glomeratum Burch. ex DC. (1)
Annual. Herb. Ht 0.02–0.12 m. Alt 750–1600 m. NC

APLANODES Marais 2875010

(1) Marais. 1970. *FSA* 13: 102–104.

doidgeana Marais
Perennial. Herb. Ht 0.5–0.75 m. Alt 1750–2250 m. KZN

sisymbrioides (Schltr.) Marais
Heliophila sisymbrioides Schltr. (1)
Perennial. Herb. Ht 0.4–0.5 m. Alt 2450–3050 m. L, EC

*ARABIDOPSIS Heynh. 2999000

(1) Marais. 1970. *FSA* 13: 117.
(2) O'Kane & Al-Shehbaz. 1997. *Novon* 7: 323–327.

thaliana (L.) Heynh.
Arabis thaliana L. (1)
Sisymbrium thalianum J.Gay ex Monnard (1)
Annual or biennial. Herb. Ht 0.02–0.3 m. Alt 450–1850 m. NC, WC

ARABIS L. 3001000

glabra (L.) Bernh. = **Turritis glabra**

perfoliata Lam. = **Turritis glabra**

thaliana L. = **Arabidopsis thaliana**

*BARBAREA R.Br. 2961000

(1) Marais. 1970. *FSA* 13: 104.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 166–173.

verna (Mill.) Asch.
Biennial. Herb. Ht 0.3–0.9 m. Alt 200–2400 m. WC

BRACHYCARPAEA DC. 2877000

(1) Marais. 1970. *FSA* 13: 82, 83.

flava (L.f.) Druce = **B. juncea**

juncea (P.J.Bergius) Marais
B. flava (L.f.) Druce (1)
B. laxa (Thunb.) Sond. (1)
B. laxa (Thunb.) Sond. var. *stricta* Sond. (1)
B. linifolia Eckl. & Zeyh. (1)
B. polygaloides Eckl. & Zeyh. (1)
B. varians DC. (1)
B. varians DC. var. *purpurascens* DC. (1)
Perennial. Shrublet. Ht 0.25–1 m. Alt 50–1700 m. NC, WC

laxa (Thunb.) Sond. = **B. juncea**

laxa (Thunb.) Sond. var. *stricta* Sond. = **B. juncea**

linifolia Eckl. & Zeyh. = **B. juncea**

polygaloides Eckl. & Zeyh. = **B. juncea**

varians DC. = **B. juncea**

varians DC. var. *purpurascens* DC. = **B. juncea**

*BRASSICA L. 2949000

(1) Schulz. 1919. *Das Pflanzenreich* 4,105,1, Heft 70: 21–84.
(2) Heywood. 1964. *Flora europaea* 1: 335–339.
(3) Marais. 1970. *FSA* 13: 5–7.
(4) Gray. 1989. *Baileya* 23: 28–46.
(5) Rich. 1991. *Crucifers of Great Britain and Ireland*: 82–93.
(6) Gladis & Hammer. 1992. *Feddes Repertorium* 103: 469–507.

arvensis in sense of Burtt Davy, misapplied name = **Sinapis arvensis**

campestris L. = **B. rapa**

elongata Ehrh. subsp. **elongata**
Biennial. Herb. Ht 0.2–1 m. Alt 950–1700 m. B, NW, FS, EC

griquensis N.E.Br. = **Erucastrum griquense**

juncea (L.) Czern. & Coss.
Sinapis juncea L. (3)
Annual. Herb. Ht up to 1 m. Alt 50–1800 m. B, LIM, FS, KZN, WC, EC

leptopetala (DC.) Sond. = **Erucastrum strigosum**

nigra (L.) W.D.J.Koch
Sinapis nigra L. (1)
Annual. Herb. Ht 0.3–2 m. Alt 1400–1650 m. M

pachypoda Thell. = **Sisymbrium thellungii**

rapa L.
B. campestris L. (3)
Annual. Herb. Ht 0.3–1.5 m. Alt 350–2950 m. LIM, G, M, FS, NC, WC, EC

strigosa (Thunb.) DC. var. *glabrata* Sond. = **Erucastrum strigosum**

tournefortii Gouan
Brassicella cheiranthus in sense of Adamson, misapplied name (3)
Annual. Herb. Ht 0.1–0.6 m. Alt 50–900 m. NC, WC, EC

BRASSICELLA Fourr. 2949010

cheiranthus in sense of Adamson, misapplied name = **Brassica tournefortii**

*CAMELINA Crantz 2987000

(1) Marais. 1970. *FSA* 13: 1.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 204–207.

rumelica Velen.
Annual. Herb. Ht 0.15–0.4 m. Alt 1350–1450 m. G

*CAPSELLA Medik. 2986000

(1) Marais. 1970. *FSA* 13: 97, 98.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 242, 243.
(3) Chater. 1993. *Flora europaea* edn 2, 1: 381, 382.

bursa-pastoris (L.) Medik.
Thlaspi bursa-pastoris L. (1)
Annual. Herb. Ht 0.25–0.6 m. Alt 50–2450 m. N, NW, G, M, FS, KZN, L, WC, EC

procumbens (L.) Fr. = **Hymenolobus procumbens**

CARDAMINE L. 2966000

(1) Marais. 1970. *FSA* 13: 100, 101.
(2) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 275, 276.
(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 138–149.

africana L.
Perennial. Herb. Ht 0.15–0.3 m. Alt 100–1950 m. LIM, NW, G, M, S, FS, KZN, WC, EC

***flexuosa** With.
Annual. Herb. Ht 0.07–0.5 m. Alt 1400–1700 m. FS, KZN

***hirsuta** L.
Annual. Herb. Ht 0.07–0.3 m. Alt 0–1600 m. WC

***impatiens** L.
Biennial. Herb. Ht 0.2–0.8 m. Alt 1900–2000 m. M

trichocarpa Hochst. ex A.Rich. subsp. **trichocarpa**
Annual. Herb. Ht 0.07–0.5 m. Alt 1450–1550 m. KZN

*CARDARIA Desv. 2883010

(1) Ball. 1964. *Flora europaea* 1: 333.
(2) Marais. 1970. *FSA* 13: 96, 97.

draba (L.) Desv.
Perennial. Herb. Ht 0.15–0.9 m. Alt 1200–1600 m. FS, WC, EC

CARPOPODIUM Eckl. & Zeyh. 2875020

carnosum Eckl. & Zeyh. = **Heliophila brachycarpa**

cleomoides in sense of Eckl. & Zeyh. = **Heliophila glauca**

CHAMIRA Thunb. 2880000

(1) Marais. 1970. *FSA* 13: 5.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 378.

circaeoides (L.f.) Zahlbr.
C. cornuta Thunb. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 50–750 m. NC, WC

cornuta Thunb. = **C. circaeoides**

CHEIRANTHUS L. 3005000

strictus L.f. = **Heliophila scoparia** var. **scoparia**

*CORONOPUS Zinn 2884000

(1) Marais. 1970. *FSA* 13: 94–96.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 276–279.

didymus (L.) Sm.
Lepidium didymus (L.) Sm. (1)
Senebiera didyma (L.) Pers. (1)
Biennial. Herb. Ht 0.1–0.3 m. Alt 0–1350 m. NW, G, M, FS, KZN, L, WC, EC

integrifolius (DC.) Spreng.
Senebiera integrifolia DC. (1)
Senebiera linoides DC. (1)
Perennial. Herb. Ht 0.1–0.5 m. Alt 100–1550 m. N, B, NW, G, FS, NC, WC

squamatus (Forssk.) Asch.
Senebiera coronopus (L.) Poir. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt 100–900 m. WC

*CRAMBE L. 2958000

(1) Marais. 1970. *FSA* 13: 15, 16.
(2) Prina. 2000. *Botanical Journal of the Linnean Society* 133: 509–524.

hispanica L.
Annual. Herb. Ht 0.25–1 m. Alt 1250–2150 m. KZN

CYCLOPTYCHIS E.Mey. ex Sond. 2878000

(1) Marais. 1970. *FSA* 13: 80, 81.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379.

marlothii O.E.Schulz
Perennial. Shrub. Ht up to 2 m. Alt 500–170 m. WC

virgata (Thunb.) E.Mey. ex Sond.
Cleome virgata Thunb. (1)
Perennial. Dwarf shrub. Ht up to 1 m. Alt 750–1200 m. WC

*DESCURAINIA Webb & Berthel. 2997000

(1) Marais. 1970. *FSA* 13: 117, 118.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 120, 121.

sophia (L.) Webb ex Prantl
Sisymbrium tripinnatum DC. (1)
Annual. Herb. Ht 0.1–1 m. Alt 800–1700 m. G, NC, EC

*DIPLOTAXIS DC. 2946000

(1) Marais. 1970. *FSA* 13: 12.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 100–103.
(3) Martinez-Laborde. 1991. *Botanical Journal of the Linnean Society* 106: 69, 70.

griquensis (N.E.Br.) Sprague = **Erucastrum griquense**

muralis (L.) DC. subsp. **muralis**
Sisymbrium murale L. (1)
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 0–1700 m. NW, G, FS, WC, EC

*ERUCA Mill. 2944000

(1) Marais. 1970. *FSA* 13: 12–14.

sativa Mill.
E. vesicaria (L.) Cav. subsp. *sativa* (Mill.) Thell. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 1250–1550 m. G, FS

vesicaria (L.) Cav. subsp. *sativa* (Mill.) Thell. = **E. sativa**

ERUCASTRUM (DC.) C.Presl 2947000

(1) Marais. 1970. *FSA* 13: 7–10.
(2) Marais. Personal communication.

arabicum Fisch. & C.A.Mey.
Annual. Herb. Ht 0.3–0.7 m. Alt 0–1200 m. N, B

griquense (N.E.Br.) O.E.Schulz
Brassica griquensis N.E.Br. (1)
Diplotaxis griquensis (N.E.Br.) Sprague (1)
Annual. Herb. Ht 0.12–0.35 m. Alt 900–2850 m. N, LIM, NW, FS, NC

strigosum (Thunb.) O.E.Schulz
Brassica leptopetala (DC.) Sond. (1)
Brassica strigosa (Thunb.) DC. var. *glabrata* Sond. (1)
Sinapis leptopetala DC. (1)
Sinapis retrosa Burch. ex DC. (1)
Sisymbrium strigosum Thunb. in part (1)
Annual. Herb. Ht 0.5–1 m. Alt 0–2200 m. NW, G, FS, KZN, L, NC, WC, EC

ERYSIMUM L. 3004000

officinale L. = **Sisymbrium officinale**

HELIOPHILA L. 2875000

(1) Sonder. 1860. *FC* 1: 35–54.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 48.
(3) Merxmüller. 1966. *FSWA* 48: 4–8.
(4) Marais. 1970. *FSA* 13: 17–77.
(5) Oliver. 1976. *The Flowering Plants of Africa* 43: t. 1707.
(6) Nordenstam. 1980. *Journal of South African Botany* 46: 251–263.
(7) Pienaar & Nicholas. 1988. *Bothalia* 18: 183–185.
(8) Bean. 1990. *South African Journal of Botany* 56: 670–674.
(9) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.

abrotanifolia Banks ex DC. in part = **H. carnosa**

abrotanifolia Banks ex DC. in part = **H. crithmifolia**

abrotanifolia Banks ex DC. var. *tenuiloba* Sond. = **H. carnosa**

acuminata (Eckl. & Zeyh.) Steud.
H. eckloniana Sond. (4)
H. pallida Schltr. ex O.E.Schulz (4)
Annual. Herb. Ht 0.15–0.45 m. Alt 100–1400 m. NC, WC

adpressa O.E.Schulz
Annual. Herb. Ht 0.15–0.5 m. Alt 10–100 m. WC

affinis Sond.
H. leucantha Schltr. (4)
Annual. Herb. Ht up to 0.35 m. Alt 500–1500 m. NC

africana (L.) Marais
H. integrifolia L. (4)
H. pilosa Lam. (4)
H. pilosa Lam. var. *digitata* in sense of Sond., misapplied name (4)
H. pilosa Lam. var. *incisa* DC. (4)
H. pilosa Lam. var. *integrifolia* (L.) DC. (4)
H. rostrata C.Presl (4)
H. stricta Sond. (4)
H. trichinostyla E.Phillips (4)
Annual. Herb. Ht 0.6–1.35 m. Alt 0–750 m. NC, WC

aggregata (Eckl. & Zeyh.) Steud. = **H. digitata**

alpina Marais
Perennial. Herb. Ht 0.1–0.15 m. Alt 2650–3350 m. L, EC

amplexicaulis L.f.
H. amplexicaulis L.f. var. *grandiflora* Sond. (4)
H. amplexicaulis L.f. var. *spathulata* Sond. (4)
Ormiscus amplexicaulis (L.f.) Eckl. & Zeyh. (4)
Annual. Herb. Ht up to 0.45 m. Alt 50–1400 m. NC, WC

amplexicaulis L.f. var. *grandiflora* Sond. = **H. amplexicaulis**

amplexicaulis L.f. var. *spathulata* Sond. = **H. amplexicaulis**

anomala Schltr. = **H. tulbaghensis**

arabidea Schltr. = **H. crithmifolia**

arenaria Schltr., not of Sond. = **H. lactea**

arenaria Sond. var. **acocksii** Marais
Annual. Herb. Ht up to 0.5 m. Alt 150–750 m. NC, WC

arenaria Sond. var. **agtertuinensis** (O.E.Schulz) Marais
H. maximilianii Schltr. var. *agtertuinensis* Schltr. (4)
Annual. Herb. Ht up to 0.5 m. Alt 200–300 m. WC

arenaria Sond. var. **arenaria**
H. maximilianii Schltr. (4)
H. sabulosa Schltr. (4)
Annual. Herb. Ht up to 0.5 m. Alt 100–1500 m. NC, WC

arenaria Sond. var. **glabrescens** (O.E.Schulz) Marais
H. sabulosa Schltr. var. *glabrescens* Schltr. (4)
Annual. Herb. Ht up to 0.5 m. Alt 100–750 m. WC

arenosa Schltr.
H. stenocarpa Schltr. (4)
Annual. Herb. Ht 0.1–0.25 m. Alt 50–1250 m. WC

aspera Schltr. = **H. scoparia** var. **aspera**

azureiflora Schltr. = **H. lactea**

basutica E.Phillips = **H. suavissima**

brachycarpa Meisn.
Carpopodium carnosum Eckl. & Zeyh. (4)
H. florulenta Sond. (4)
H. florulenta Sond. var. *obliqua* E.Mey. ex Sond. (4)
Perennial. Shrub, dwarf shrub. Ht up to 2 m. Alt 50–750 m. WC, EC

brassicifolia Eckl. & Zeyh.
Perennial. Herb. Ht 0.2–0.6 m. Alt 200–1700 m. EC

bulbostyla P.E.Barnes
Annual. Herb. Ht 0.25–0.35 m. Alt 0–1500 m. NC, WC

caledonica (Eckl. & Zeyh.) Sond. = **H. coronopifolia**

callosa (L.f.) DC.
Perennial. Shrub. Ht up to 1 m. Alt 50–900 m. WC

carifolia Schltr. = **H. variabilis**

carnosa (Thunb.) Steud.
H. abrotanifolia Banks ex DC. in part (4)
H. abrotanifolia Banks ex DC. var. *tenuiloba* Sond. (1)
H. chamaemifolia Eckl. & Zeyh. (1)
H. crithmifolia Eckl. & Zeyh. (1)
H. grandiflora Schltr. (4)
H. platysiliqua R.Br. (4)
H. sulcata Conrath (4)
H. sulcata Conrath var. *modestior* O.E.Schulz (4)
H. tripartita Thunb. (4)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2850 m. N, G, FS, KZN, L, NC, WC, EC

carponemoides Schltr. = **H. descurva**

cedarbergensis Marais
Perennial. Dwarf, often trailing, shrub. Ht up to 0.3 m. Alt 1200–1650 m. WC

chamaemelifolia Burch. ex DC. = **H. crithmifolia**

chamaemelifolia Burch. ex DC. forma *grandiflora* O.E.Schulz = **H. crithmifolia**

chamaemifolia Eckl. & Zeyh. = **H. carnosa**

cinerea Marais
H. incana Aiton (4)
Perennial. Herb. Ht up to 0.6 m. Alt 0–150 m. WC

clavuligera O.E.Schulz = **H. pinnata**

collina O.E.Schulz
Annual. Herb. Ht up to 0.2 m. Alt 650–1500 m. NC, WC

concatenata Sond.
H. coronopifolia in sense of Adamson, misapplied name (4)
H. rosea Schltr. (4)
H. salteri Exell (4)
H. scabrida Schltr. (4)
Annual. Herb. Ht 0.1–0.45 m. Alt 150–750 m. WC

cornellsbergia B.J.Pienaar & Nicholas
Annual. Herb. Ht 0.15–0.3 m. Alt 1100–1400 m. NC

cornuta Sond. var. **cornuta**
Perennial. Dwarf shrub. Ht up to 1 m. Alt 150–1050 m. N, NC, WC

cornuta Sond. var. **squamata** (Schltr.) Marais
H. squamata Schltr. (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 200–1800 m. N, NC, WC, EC

coronopifolia in sense of Adamson, misapplied name = **H. concatenata**

coronopifolia L.
H. caledonica (Eckl. & Zeyh.) Sond. (4)
H. dissecta Thunb. (1)
H. dissecta Thunb. var. *pinnata* DC. (4)
H. filifolia L.f. (4)

H. fistulosa Sond. (4)
H. longifolia DC. (4)
H. sonchifolia DC. (4)
Annual. Herb. Ht 0.1–0.6 m. Alt 0–1800 m. NC, WC

crithmifolia Willd.
H. abrotanifolia Banks ex DC. in part (4)
H. arabidea Schltr. (4)
H. chamaemelifolia Burch. ex DC. (4)
H. chamaemelifolia Burch. ex DC. forma *grandiflora* O.E.Schulz (4)
H. crithmifolia Eckl. & Zeyh. var. *parvifolia* Burch. ex DC. (4)
H. foeniculacea R.Br. (4)
Annual. Herb. Ht 0.1–0.4 m. Alt 100–700 m. N, NC, WC

crithmifolia Eckl. & Zeyh. = **H. carnosa**

crithmifolia Eckl. & Zeyh. var. *parvifolia* Burch. ex DC. = **H. crithmifolia**

cuneata Marais
Perennial. Shrub. Ht up to 1.3 m. Alt 50–600 m. WC

dentifera Sond. = **H. meyeri** var. **meyeri**

descurva Schltr.
H. carponemoides Schltr. (4)
Annual. Herb. Ht 0.3–0.6 m. Alt 250–1100 m. NC, WC

deserticola Schltr. var. **deserticola**
Annual. Herb. Ht 0.15–0.3 m. Alt 450–1350 m. N, NC, WC

deserticola Schltr. var. **micrantha** A.Schreib.
Annual. Herb. Ht 0.15–0.3 m. Alt 800–1300 m. N, NC

deserticola O.E.Schulz var. *rangei* O.E.Schulz = **H. minima**

deserticola O.E.Schulz var. *umbrosa* O.E.Schulz = **H. trifurca**

diffusa (Thunb.) DC. var. **diffusa**
Annual. Herb. Ht 0.05–0.4 m. Alt 50–1350 m. NC, WC

diffusa (Thunb.) DC. var. **flacca** (Sond.) Marais
H. flacca Sond. (4)
Annual. Herb. Ht 0.05–0.4 m. Alt 300–1100 m. WC

digitata L.f.
H. aggregata (Eckl. & Zeyh.) Steud. (4)
H. gracilis Sond. (4)
H. odontopetala Zahlbr. (4)
H. tenuifolia Sond. (4)
H. viminalis E.Mey. ex Sond. (6)
Annual. Herb. Ht 0.15–0.5 m. Alt 0–950 m. NC, WC

dissecta Thunb. = **H. coronopifolia**

dissecta Thunb. var. *pinnata* DC. = **H. coronopifolia**

divaricata Banks ex DC. = **H. pusilla** var. **pusilla**

dregeana Sond.
H. dregeana Sond. var. *induta* O.E.Schulz (4)
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 750–1350 m. WC

dregeana Sond. var. *induta* O.E.Schulz = **H. dregeana**

eckloniana Sond. = **H. acuminata**

edentula O.E.Schulz in part = **H. minima**

edentula O.E.Schulz in part = **H. trifurca**

elata Sond. var. **elata**
Perennial. Dwarf shrub. Ht up to 1.5 m. Alt 150–750 m. NC, WC

elata Sond. var. **pillansii** Marais
Perennial. Dwarf shrub. Ht up to 1 m. Alt 1200–1500 m. WC

elongata (Thunb.) DC.
H. stylosa Burch. ex DC. (4)
H. virgata Burch. ex DC. (4)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2050 m. KZN, WC, EC

ephemera P.A.Bean
Annual. Herb. Ht up to 0.1 m. Alt 1500–1600 m. WC

esterhuyseniae Marais
Perennial. Dwarf shrub. Ht up to 1 m. Alt 1050–1500 m. WC

exilis Schltr. = **H. pinnata**

eximia Marais
Annual. Herb. Ht? Alt 0–900 m. N, NC

falcata Eckl. & Zeyh. = **H. linearis** var. **linearis**

fascicularis DC. = **H. suavissima**

filicaulis Marais
Perennial. Dwarf shrub. Ht up to 1 m. Alt 1000–1100 m. WC

filifolia L.f. = **H. coronopifolia**

fistulosa Sond. = **H. coronopifolia**

flacca Sond. = **H. diffusa** var. **flacca**

florulenta Sond. = **H. brachycarpa**

florulenta Sond. var. *obliqua* E.Mey. ex Sond. = **H. brachycarpa**

foeniculacea R.Br. = **H. crithmifolia**

formosa Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.3–0.6 m. Alt 1950–2950 m. KZN, L

gariepina Schltr.
Annual. Herb. Ht 0.3–0.7 m. Alt 200–900 m. NC

glauca Burch. ex DC.
Carpopodium cleomoides in sense of Eckl. & Zeyh., misapplied name (4)
H. glauca Burch. var. *purpurascens* DC. (4)
Perennial. Shrub. Ht up to 2 m. Alt 150–1300 m. WC, EC

glauca Burch. var. *purpurascens* DC. = **H. glauca**

gracilis Sond. = **H. digitata**

grandiflora Schltr. = **H. carnosa**

incana Aiton = **H. cinerea**

integrifolia L. = **H. africana**

katbergensis Marais
Perennial. Herb. Ht up to 0.2 m. Alt 1650–1850 m. EC

laciniata Marais
Annual. Herb. Ht 0.1–0.6 m. Alt 350–600 m. NC

lactea Schltr.
H. arenaria Schltr., not of Sond. (2)
H. azureiflora Schltr. (4)
H. sparsiflora Schltr. (4)
H. venusta Dinter (2)
Annual. Herb. Ht 0.15–0.55 m. Alt 0–1500 m. N, NC, WC

lanceolata Adamson = **H. pusilla** var. **lanceolata**

latisiliqua E.Mey. ex Sond. var. *latisiliqua* = **H. thunbergii** var. **thunbergii**

latisiliqua E.Mey. ex Sond. var. *macrostylis* (E.Mey. ex Sond.) Marais = **H. thunbergii** var. **macrostylis**

leptophylla Schltr.
Annual. Herb. Ht 0.15–0.35 m. Alt 100–150 m. WC

leucantha Schltr. = **H. affinis**

linearifolia Burch. ex DC. = **H. linearis** var. **linearifolia**

linearifolia Burch. ex DC. var. *hirsuta* Burch. ex DC. = **H. linearis** var. **linearis**

linearifolia Burch. ex DC. var. *pilosiuscula* Sond. = **H. linearis** var. **linearis**

linearis (Thunb.) DC. var. **linearifolia** (Burch. ex DC.) Marais
H. linearifolia Burch. ex DC. (4)
Perennial. Herb. Ht 0.2–0.9 m. Alt 0–1350 m. WC

linearis (Thunb.) DC. var. **linearis**
H. falcata Eckl. & Zeyh. (1)
H. linearifolia Burch. ex DC. var. *hirsuta* Burch. ex DC. (4)
H. linearifolia Burch. ex DC. var. *pilosiuscula* Sond. (4)
Perennial. Herb. Ht 0.2–0.9 m. Alt 0–1150 m. WC, EC

linearis (Thunb.) DC. var. **reticulata** (Eckl. & Zeyh.) Marais
H. reticulata (Eckl. & Zeyh.) Marais (4)
Perennial. Herb. Ht 0.2–0.9 m. Alt 0–100 m. WC

linoides Schltr.
H. torulosa O.E.Schulz in part (4)
Annual. Herb. Ht 0.3–0.5 m. Alt 150–500 m. WC

longifolia DC. = **H. coronopifolia**

macowaniana Schltr.
H. sabulosa Schltr. forma *albiflora* O.E.Schulz (4)
Annual. Herb. Ht 0.1–0.5 m. Alt 100–1050 m. WC

macra Schltr.
Perennial. Shrub. Ht up to 1.3 m. Alt 0–1050 m. WC

macrosperma Burch. ex DC.
Perennial. Shrub. Ht up to 0.6 m. Alt 0–150 m. EC

macrostylis E.Mey. ex Sond. = **H. latisiliqua** var. **macrostylis**

marlothii O.E.Schulz = **H. seselifolia** var. **marlothii**

maximilianii Schltr. = **H. arenaria** var. **arenaria**

maximilianii Schltr. var. *agtertuinensis* Schltr. = **H. arenaria** var. **agtertuinensis**

meyeri Sond. var. **meyeri**
H. dentifera Sond. (4)
Annual. Herb. Ht 0.1–0.45 m. Alt 300–1150 m. WC

meyeri Sond. var. **minor** Marais
Annual. Herb. Ht 0.1–0.45 m. Alt 200–250 m. WC

minima (Stephens) Marais
Cleome minima Stephens (3)
H. deserticola O.E.Schulz var. *rangei* O.E.Schulz (4)
H. pearsonii O.E.Schulz (4)
H. pearsonii O.E.Schulz var. *edentata* Hainz (4)
H. pearsonii O.E.Schulz var. *prageri* O.E.Schulz (4)
H. smithii O.E.Schulz (4)
H. suavissima Sond. var. *incana* Sond. (4)
H. suavissima Sond. var. *velutina* O.E.Schulz (4)
Annual, occ. perennial. Herb. Ht 0.05–0.6 m. Alt 900–1850 m. N, FS, NC, EC

monticola Sond. = **H. variabilis**

namaquana Bolus
H. sarcostyla Schltr. (4)
Annual. Herb. Ht 0.07–0.3 m. Alt 600–1250 m. NC, WC

natalensis O.E.Schulz = **H. subulata**

nigellifolia Schltr. = **H. seselifolia** var. **nigellifolia**

nubigena Schltr.
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1400–2000 m. WC

obibensis Marais
Annual. Herb. Ht up to 0.15 m. Alt 450–750 m. N

odontopetala Zahlbr. = **H. digitata**

oreophila Schltr. = **H. pinnata**

pallida Schltr. ex O.E.Schulz = **H. acuminata**

patens Oliv.
Annual. Herb. Ht up to 0.2 m. Alt 100–250 m. WC

pearsonii O.E.Schulz = **H. minima**

pearsonii O.E.Schulz var. *edentata* Hainz = **H. minima**

pearsonii O.E.Schulz var. *prageri* O.E.Schulz = **H. minima**

pectinata Burch. ex DC.
Annual. Herb. Ht 0.05–0.3 m. Alt 150–1350 m. NC, WC

pendula Willd.
H. pinnata Vent. (4)
H. rivalis Burch. ex DC. (4)
Annual. Herb. Ht 0.08–0.5 m. Alt 0–1350 m. WC, EC

pilosa Lam. = **H. africana**

pilosa Lam. var. *digitata* in sense of Sond., misapplied name = **H. africana**

pilosa Lam. var. *incisa* DC. = **H. africana**

pilosa Lam. var. *integrifolia* (L.) DC. = **H. africana**

pinnata L.f.
H. clavuligera O.E.Schulz (4)
H. exilis Schltr. (4)
H. oreophila Schltr. (4)
H. trifida Thunb. (4)
Annual. Herb. Ht 0.05–0.2 m. Alt 400–1600 m. NC, WC

pinnata Vent. = **H. pendula**

pinnatisecta E.Phillips = **H. latisiliqua** var. **latisiliqua**

platysiliqua R.Br. = **H. carnosa**

polygaloides Schltr. = **Silicularia polygaloides**

promontorii Marais
H. trifida of author, not of Thunb., misapplied name (4)
Annual. Herb. Ht 0.06–0.25 m. Alt 0–250 m. WC

pubescens Burch. ex Sond.
Annual. Herb. Ht up to 0.2 m. Alt 1200–1600 m. NC, WC

pusilla L.f. var. **lanceolata** (Adamson) Marais
H. lanceolata Adamson (4)
Annual. Herb. Ht 0.1–0.2 m. Alt. 0–1000 m. WC

pusilla L.f. var. **macrosperma** Marais
Annual. Herb. Ht 0.07–0.3 m. Alt 50–300 m. WC

pusilla L.f. var. **pusilla**
H. divaricata Banks ex DC. (4)
Ormiscus pusilla (L.f.) Eckl. & Zeyh. (4)
Annual. Herb. Ht 0.07–0.2 m. Alt 0–1000 m. WC

pusilla L.f. var. **setacea** (Schltr.) Marais
H. setacea Schltr. (4)
Annual. Herb. Ht 0.1–0.2 m. Alt 100–200 m. WC

ramosissima O.E.Schulz
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 300–900 m. WC

refracta Sond.
Annual. Herb. Ht 0.1–0.4 m. Alt 0–750 m. WC

remotiflora O.E.Schulz
H. torulosa O.E.Schulz in part (4)
Annual. Herb. Ht up to 0.6 m. Alt 0–1200 m. NC

reticulata (Eckl. & Zeyh.) Marais = **H. linearis** var. **reticulata**

rigidiuscula Sond.
H. virgata in sense of Eckl. & Zeyh., misapplied name (4)
Perennial. Herb. Ht 0.25–0.9 m. Alt 100–3350 m. LIM, NW, G, M, S, FS, KZN, L, EC

rimicola Marais
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 2000–2100 m. WC

rivalis Burch. ex DC. = **H. pendula**

rosea Schltr. = **H. concatenata**

rostrata C.Presl = **H. africana**

sabulosa Schltr. = **H. arenaria** var. **arenaria**

sabulosa Schltr. forma *albiflora* O.E.Schulz = **H. macowaniana**

sabulosa Schltr. var. *glabrescens* Schltr. = **H. arenaria** var. **glabrescens**

salteri Exell = **H. concatenata**

sarcostyla Schltr. = **H. namaquana**

scabrida Schltr. = **H. concatenata**

scandens Harv.
Perennial. Climber. Ht up to 3 m. Alt 0–50 m. KZN, EC

schulzii Marais
Annual. Herb. Ht 0.15–0.45 m. Alt 150–1300 m. NC

scoparia Burch. ex DC. var. **aspera** (Schltr.) Marais
H. aspera Schltr. (4)
Perennial. Shrub. Ht up to 1 m. Alt 500–1350 m. WC

scoparia Burch. ex DC. var. **scoparia**
Cheiranthus strictus L.f. (4)
Perennial. Shrub. Ht up to 1 m. Alt 0–1700 m. WC

seselifolia Burch. ex DC. var. **marlothii** (O.E.Schulz) Marais
H. marlothii O.E.Schulz (4)
Annual. Herb. Ht up to 0.35 m. Alt 500–1600 m. NC, WC

seselifolia Burch. ex DC. var. **nigellifolia** (Schltr.) Marais
H. nigellifolia Schltr. (4)
Annual. Herb. Ht up to 0.35 m. Alt 100–1350 m. NC, WC

seselifolia Burch. ex DC. var. **seselifolia**
Annual. Herb. Ht up to 0.35 m. Alt 400–1550 m. N, NC, WC

setacea Schltr. = **H. pusilla** var. **setacea**

sisymbrioides Schltr. = **Aplanodes sisymbrioides**

smithii O.E.Schulz = **H. minima**

sonchifolia DC. = **H. coronopifolia**

sparsiflora Schltr. = **H. lactea**

squamata Schltr. = **H. cornuta** var. **squamata**

stenocarpa Schltr. = **H. arenosa**

stricta Sond. = **H. africana**

stylosa Burch. ex DC. = **H. elongata**

suavissima Burch. ex DC.
H. basutica E.Phillips (4)
H. fascicularis DC. (4)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2600 m. N, FS, KZN, L, NC, WC, EC

suavissima Sond. var. *incana* Sond. = **H. minima**

suavissima Sond. var. *velutina* O.E.Schulz = **H. minima**

subulata Burch. ex DC.
Cleome capensis L. (4)
H. natalensis O.E.Schulz (4)
H. subulata Burch. var. *glabrata* Sond. (1)
H. woodii Conrath (4)
Perennial, occ. annual. Shrublet or herb. Ht 0.1–0.5 m. Alt 0–2000 m. KZN, WC, EC

subulata Burch. var. *glabrata* Sond. = **H. subulata**

sulcata Conrath = **H. carnosa**

sulcata Conrath var. *modestior* O.E.Schulz = **H. carnosa**

tabularis Wolley-Dod
Annual. Herb. Ht 0.07–0.12 m. Alt 50–250 m. WC

tenuifolia Sond. = **H. digitata**

thunbergii (Eckl. & Zeyh.) Steud. var. **macrostylis** (E.Mey. ex Sond.) B.Nord.
H. latisiliqua E.Mey. ex Sond. var. *macrostylis* (E.Mey. ex Sond.) Marais (6)
H. macrostylis E.Mey. ex Sond. (4)
Annual. Herb. Ht 0.2–0.9 m. Alt 600–1050 m. NC

thunbergii (Eckl. & Zeyh.) Steud. var. **thunbergii**
H. latisiliqua E.Mey. ex Sond. var. *latisiliqua* (6)
H. pinnatisecta E.Phillips (4)
Annual. Herb. Ht 0.15–0.35 m. Alt 400–1200 m. NC, WC

torulosa O.E.Schulz in part = **H. linoides**

torulosa O.E.Schulz in part = **H. remotiflora**

trichinostyla E.Phillips = **H. africana**

tricuspidata Schltr.
Perennial. Shrublet. Ht up to 0.5 m. Alt 1450–1600 m. WC

trifida of author, not of Thunb., misapplied name = **H. promontorii**

trifida Thunb. = **H. pinnata**

trifurca Burch. ex DC.
H. deserticola O.E.Schulz var. *umbrosa* O.E.Schulz (4)
H. edentula O.E.Schulz in part (4)
Annual. Herb. Ht up to 0.6 m. Alt 100–1850 m. N, NC

tripartita Thunb. = **H. carnosa**

tulbaghensis Schinz
H. anomala Schltr. (4)
Perennial. Shrublet. Ht up to 0.25 m. Alt 1200–1650 m. WC

variabilis Burch. ex DC.
H. carifolia Schltr. (4)
H. monticola Sond. (4)
Annual. Herb. Ht 0.1–0.35 m. Alt 50–1350 m. NC, WC

venusta Dinter = **H. lactea**

viminalis E.Mey. ex Sond. = **H. digitata**

virgata Burch. ex DC. = **H. elongata**

virgata in sense of Eckl. & Zeyh., misapplied name = **H. rigidiuscula**

woodii Conrath = **H. subulata**

*HIRSCHFELDIA Moench 2947010

(1) Marais. 1970. *FSA* 13: 11.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 80, 81.

incana (L.) Lagr.-Foss.
Sinapis incana L. (1)
Annual. Herb. Ht 0.5–1 m. Alt 150–550 m. WC, EC

*HYMENOLOBUS Nutt. in Torr. & A.Gray 2985010

(1) Heywood. 1964. *Flora europaea* 1: 317.
(2) Marais. 1970. *FSA* 13: 98.

procumbens (L.) Nutt. in Torr. & A.Gray
Capsella procumbens (L.) Fr. (2)
Lepidium procumbens L. (2)
Annual. Herb. Ht 0.03–0.3 m. Alt 1550–1600 m. NC

LEPIDIUM L. 2883000

(1) Sonder. 1850. *Linnaea* 23: 4.
(2) Sonder. 1860. *FC* 1: 28–30.
(3) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 129.
(4) Adamson. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 418–420.
(5) Marais. 1970. *FSA* 13: 83–94.
(6) Jonsell. 1975. *Botaniska Notiser* 128: 20–46.
(7) Rich. 1991. *Crucifers of Great Britain and Ireland*: 216–235.

africanum (Burm.f.) DC. subsp. **africanum**
L. divaricatum Aiton subsp. *linoides* in sense of Exell, misapplied name (6)
L. divaricatum Aiton subsp. *linoides* (Thunb.) Thell. var. *subdentatum* in sense of Robyns & Boutique, misapplied name (6)
L. divaricatum in sense of DC., misapplied name (5)
L. linoides Thunb. in part (6)
L. schlechteri Burtt Davy (3)
Thlaspi africanum Burm.f. (5)
Biennial. Herb. Ht 0.15–0.75 m. Alt 50–1700 m. LIM, NW, G, M, S, FS, KZN, WC, EC

africanum (Burm.f.) DC. subsp. **divaricatum** (Aiton) Jonsell
L. divaricatum Aiton (6)
L. divaricatum Aiton subsp. *divaricatum* (6)
L. linoides Thunb. in part (6)
Perennial. Herb. Ht 0.2–1 m. Alt 400–1700 m. N, NW, FS, L, NC, WC, EC

africanum in sense of DC., misapplied name = **L. capense**

africanum of author, not of (Burm.f.) DC. misapplied name = **L. capense**

africanum Thunb. var. *serratum* Thell. = **L. capense**

africanum Thunb. var. *typicum* Thell. = **L. capense**

basuticum Marais
Perennial. Herb. Ht 0.1–0.3 m. Alt 2000–2850 m. L, EC

bipinnatum Thunb.
Perennial. Herb. Ht 0.8–1 m. Alt? NC

***bonariense** L.
Annual. Herb. Ht 0.15–0.6 m. Alt 0–2000 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

***campestre** R.Br.
Annual. Herb. Ht 0.2–0.6 m. Alt? EC

capense in sense of Sond. in part, misapplied name = **L. ecklonii**

capense Thunb.
L. africanum in sense of DC., misapplied name (5)
L. africanum of author, not of (Burm.f.) DC., concept invalid (5)
L. africanum Thunb. var. *serratum* Thell. (5)
L. africanum Thunb. var. *typicum* Thell. (5)
Perennial. Herb. Ht 0.15–0.6 m. Alt 0–1500 m. WC, EC

desertorum Eckl. & Zeyh.
Annual. Herb. Ht 0.2–0.25 m. Alt 100–1550 m. N, FS, NC, WC

didymus (L.) Sm. = **Coronopus didymus**

divaricatum Aiton = **L. africanum** subsp. **divaricatum**

divaricatum Aiton subsp. *divaricatum* = **L. africanum** subsp. **divaricatum**

divaricatum Aiton subsp. *ecklonii* var. *pumilum* (Sond.) Thell. = **L. ecklonii**

divaricatum Aiton subsp. *ecklonii* var. *sylvaticum* (Eckl. & Zeyh.) Thell. = **L. ecklonii**

divaricatum Aiton subsp. *linoides* in sense of Exell, misapplied name = **L. africanum** subsp. **africanum**

divaricatum Aiton subsp. *linoides* (Thunb.) Thell. var. *subdentatum* in sense of Robyns & Boutique, misapplied name = **L. africanum** subsp. **africanum**

divaricatum Aiton subsp. *trifurcum* (Sond.) Marais = **L. trifurcum**

divaricatum in sense of DC., misapplied name = **L. africanum** subsp. **africanum**

ecklonii Schrad.
L. capense in sense of Sond. in part, misapplied name (5)
L. divaricatum Aiton subsp. *ecklonii* var. *pumilum* (Sond.) Thell. (5)
L. divaricatum Aiton subsp. *ecklonii* var. *sylvaticum* (Eckl. & Zeyh.) Thell. (5)
L. sylvaticum Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.05–0.6 m. Alt 0–2650 m. WC, EC

flexuosum Thunb.
Perennial. Herb. Ht 0.1–0.4 m. Alt up to 300 m. WC

linoides Thunb. in part = **L. africanum** subsp. **africanum**

linoides Thunb. in part = **L. africanum** subsp. **divaricatum**

mossii Thell.
Perennial. Herb. Ht 0.05–0.2 m. Alt 1350–1750 m. G, FS

myriocarpum Sond.
Perennial. Herb. Ht 0.3–0.7 m. Alt 1300–2450 m. KZN, L, EC

pinnatum Thunb.
Perennial. Herb. Ht 0.1–0.4 m. Alt 100–1350 m. WC

procumbens L. = **Hymenolobus procumbens**

schinzii Thell.
L. trifurcum in sense of Thell., misapplied name (5)
Perennial. Herb. Ht 0.1–0.5 m. Alt 400–2700 m. G, M, FS, KZN, L, NC, EC

schlechteri Burtt Davy = **L. africanum** subsp. **africanum**

schlechteri Thell.
Perennial. Herb. Ht 0.05–0.2 m. Alt 1650–2000 m. FS, NC, WC

suluense Marais
Annual. Herb. Ht 0.3–0.6 m. Alt up to 230 m. KZN

sylvaticum Eckl. & Zeyh. = **L. ecklonii**

transvaalense Marais
Perennial. Herb. Ht 0.15–0.3 m. Alt 550–2400 m. G, M, S, FS, L

trifurcum Sond.
L. divaricatum Aiton subsp. *trifurcum* (Sond.) Marais (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 850–2500 m. FS, L, NC, EC

trifurcum in sense of Thell., misapplied name = **L. schinzii**

***virginicum** L.
Annual. Herb. Ht 0.3–0.75 m. Alt 0–1450 m. LIM, G, M, KZN, NC, WC

*LOBULARIA Desv. 3013000

(1) Marais. 1970. *FSA* 13: 99, 100.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 198, 199.

maritima (L.) Desv.
Alyssum maritimum (L.) Lam. (1)
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. G, WC, EC

MATTHIOLA R.Br. 3042000

(1) Aiton. 1812. *Hortus kewensis* edn 2, 4: 119.
(2) Marais. 1970. *FSA* 13: 109, 110.
(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 182–187.

***bicornis** (Sibth. & Sm.) DC.
M. longipetala (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball (2)
Annual. Herb. Ht 0.15–0.5 m. Alt? FS

***incana** (L.) R.Br.
Biennial, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 0–300 m. WC

longipetala (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball = **M. bicornis**

torulosa (Thunb.) DC.
Perennial. Shrublet. Ht 0.2–0.45 m. Alt 100–2150 m. N, NW, FS, L, NC, WC, EC

MYAGRUM L. 2922000

rugosum L. = **Rapistrum rugosum**

*NASTURTIUM R.Br. 2965000

(1) Martinez-Laborde. 1995. *European garden flora* 4: 140.
(2) Al-Shehbaz & Price. 1998. *Novon* 8: 124–126.

caledonicum Sond. = **Rorippa fluviatilis** var. **caledonica**

elongatum E.Mey. ex Burtt Davy = **Rorippa nudiuscula**

fluviatile E.Mey. ex Sond. = **Rorippa fluviatilis** var. **fluviatilis**

fluviatile E.Mey. ex Sond. var. *caledonicum* (Sond.) Sond. = **Rorippa fluviatilis** var. **caledonicum**

fluviatile E.Mey. var. *brevistylum* Sond. = **Rorippa nudiuscula**

humifusum Guill. & Perr. = **Rorippa humifusa**

indicum in sense of Oliv. = **Rorippa madagascariensis**

integrifolium Szyszyl. = **Rorippa nudiuscula**

officinale R.Br.
Rorippa nasturtium-aquaticum (L.) Hayek (1)
Perennial. Herb. Ht 0.15–0.6 m. Alt 50–2300 m. LIM, NW, G, M, FS, KZN, L, WC, EC

ORMISCUS DC. 2875030

amplexicaulis (L.f.) Eckl. & Zeyh. = **Heliophila amplexicaulis**

pusillus (L.f.) Eckl. & Zeyh. = **Heliophila pusilla** var. **pusilla**

PALMSTRUCKIA Sond. 2879010

capensis Sond. = **Thlaspeocarpa capensis**

*RAPHANUS L. 2950000

(1) Marais. 1970. *FSA* 13: 14, 15.
(2) Pistrick. 1987. *Kulturpflanze* 33: 223–321.
(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 58–63.

raphanistrum L.
Annual or biennial. Herb. Ht 0.25–1 m. Alt 0–2450 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

sativus L.
Annual. Herb. Ht 0.3–1.3 m. Alt 1250–1300 m. LIM

*RAPISTRUM Crantz 2956000

(1) Marais. 1970. *FSA* 13: 16.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland:* 64, 65.

rugosum (L.) All.
Myagrum rugosum L. (1)
Annual. Herb. Ht 0.35–1 m. Alt 100–1600 m. N, NW, KZN, NC, WC, EC

RORIPPA Scop. 2965010

(1) Thellung. 1911. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 56: 259, 260.
(2) Marais. 1970. *FSA* 13: 105–109.
(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 150–165.
(4) Al-Shehbaz & Price. 1998. *Novon* 8: 124–126.

caledonica (Sond.) R.A.Dyer = **R. fluviatilis** var. **caledonica**

fluviatilis (E.Mey. ex Sond.) Thell. var. **caledonica** (Sond.) Marais
Nasturtium caledonicum Sond. (2)
Nasturtium fluviatile E.Mey. ex Sond. var. *caledonicum* (Sond.) Sond. (2)
R. caledonica (Sond.) R.A.Dyer (1)
Perennial. Herb. Ht 0.6–0.75 m. Alt 1150–1700 m. NW, FS, L, NC, EC

fluviatilis (E.Mey. ex Sond.) Thell. var. **fluviatilis**
Nasturtium fluviatile E.Mey. ex Sond. (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 100–1700 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

humifusa (Guill. & Perr.) Hiern
Nasturtium humifusum Guill. & Perr. (2)
Annual. Herb. Ht up to 0.1 m. Alt 250–350 m. N

madagascariensis (DC.) Hara
Nasturtium indicum in sense of Oliv., misapplied name (2)
Annual. Herb. Ht 0.2–0.5 m. Alt 0–300 m. LIM, M, KZN

nasturtium-aquaticum (L.) Hayek = **Nasturtium officinale**

nudiuscula Thell.
Nasturtium elongatum E.Mey. ex Burtt Davy (2)
Nasturtium fluviatile E.Mey. var. *brevistylum* Sond. (2)
Nasturtium integrifolium Szyszyl. (2)
Perennial. Herb. Ht 0.3–0.6 m. Alt 0–2400 m. N, LIM, NW, G, M, FS, KZN, L, WC, EC

SCHLECHTERIA Bolus 3008000

(1) Marais. 1970. *FSA* 13: 77.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.

capensis Bolus

Perennial. Dwarf shrub. Ht 1.5–3 m. Alt 1200–1700 m. WC

SENEBIERA DC. 2884010

coronopus (L.) Poir. = **Coronopus squamatus**

didyma (L.) Pers. = **Coronopus didymus**

integrifolia DC. = **Coronopus integrifolius**

linoides DC. = **Coronopus integrifolius**

SILICULARIA Compton 2878010

(1) Marais. 1970. *FSA* 13: 81, 82.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.

polygaloides (Schltr.) Marais
Heliophila polygaloides Schltr. (1)
S. sigillata Compton (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 950–1500 m. WC

sigillata Compton = **S. polygaloides**

*SINAPIS L. 2945000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 668, 669.
(2) Schulz. 1919. *Das Pflanzenreich* 4,105,1, Heft 70: 117–136.
(3) Marais. 1970. *FSA* 13: 10, 11.
(4) Rich. 1991. *Crucifers of Great Britain and Ireland*: 94–97.
(5) Chater. 1993. *Flora europaea* edn 2, 1: 409, 410.

alba L.
Annual. Herb. Ht 0.3–0.6 m. Alt 0–1350 m. EC

arvensis L.
Brassica arvensis in sense of Burtt Davy, misapplied name (3)
Annual. Herb. Ht 0.5–1 m. Alt 250–1550 m. G, M, FS, KZN, EC

incana L. = **Hirschfeldia incana**

juncea L. = **Brassica juncea**

leptopetala DC. = **Erucastrum strigosum**

nigra L. = **Brassica nigra**

retrosa Burch. ex DC. = **Erucastrum strigosum**

SISYMBRIUM L. 2917000

(1) Marais. 1970. FSA 13: 110–117.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 106–119.

burchellii DC. var. **burchellii**
S. gariepinum Burch. ex DC. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 50–1700 m. N, B, FS, NC, WC, EC

burchellii DC. var. **dinteri** (O.E.Schulz) Marais
S. dinteri O.E.Schulz (1)
Perennial. Herb. Ht 0.3–0.7 m. Alt 1400–1800 m. N

burchellii DC. var. *turczaninowii* (Sond.) O.E.Schulz = **S. turczaninowii**

capense Thunb.
Annual. Herb. Ht 0.3–1 m. Alt 0–2300 m. G, M, FS, KZN, L, NC, WC, EC

capense Thunb. × **S. turczaninowii** Sond.
Annual. Herb. Ht 0.1–1 m. Alt 1200–1700 m. FS, L, NC, WC

dinteri O.E.Schulz = **S. burchellii** var. **dinteri**

dissitiflora O.E.Schulz
Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 1200–1400 m. N

gariepinum Burch. ex DC. = **S. burchellii** var. **burchellii**

***irio** L.
Annual. Herb. Ht 0.1–0.6 m. Alt 550–700 m. EC

murale L. = **Diplotaxis muralis**

***officinale** (L.) Scop.
Erysimum officinale L. (1)
Annual. Herb. Ht 0.5–0.9 m. Alt 150–1750 m. LIM, G, KZN, WC, EC

***orientale** L.
S. strigosum Thunb. in part (1)
Annual. Herb. Ht 0.3–1 m. Alt 0–2750 m. G, FS, KZN, L, NC, WC, EC

strigosum Thunb. in part = **S. orientale**

strigosum Thunb. in part = **Erucastrum strigosum**

thalianum J.Gay ex Monnard = **Arabidopsis thaliana**

thellungii O.E.Schulz
Brassica pachypoda Thell. (1)
Annual. Herb. Ht 0.25–0.6 m. Alt 0–1950 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

tripinnatum DC. = **Descurainia sophia**

turczaninowii Sond.
S. burchellii DC. var. *turczaninowii* (Sond.) O.E.Schulz (1)
Annual. Herb. Ht 0.35–0.45 m. Alt 600–3100 m. NW, G, M, FS, KZN, L, NC, EC

THLASPEOCARPA C.A.Sm. 2879000

(1) Marais. 1970. *FSA* 13: 77–79.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–383.

capensis (Sond.) C.A.Sm.
Palmstruckia capensis Sond. (1)
Annual. Herb. Ht 0.12–0.35 m. Alt 350–1600 m. NC, WC

namaquensis Marais
Annual. Herb. Ht 0.15–0.35 m. Alt 600–1200 m. NC

*THLASPI L. 2903000

(1) Marais. 1970. *FSA* 13: 97.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 236–241.

africanum Burm.f. = **Lepidium africanum** subsp. **africanum**

arvense L.
Annual or biennial. Herb. Ht 0.1–0.3 m. Alt 500–550 m. EC

bursa-pastoris L. = **Capsella bursa-pastoris**

*TURRITIS L. 3000000

(1) Marais. 1970. *FSA* 13: 104, 105.

dregeana Sond. = **T. glabra**

glabra L.
Arabis glabra (L.) Bernh. (1)
Arabis perfoliata Lam. (1)
T. dregeana Sond. (1)
Biennial. Herb. Ht 0.3–1 m. Alt 850–2350 m. LIM, M, KZN, L, EC

BRUNIACEAE

Compiled by M. Quint

AUDOUINIA Brongn. 3283000

(1) Pillans. 1947. *Journal of South African Botany* 13: 126, 127.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 207.

capitata (L.) Brongn.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 105–610 m. WC

BERARDIA Sond. 3289030

dregeana Sond. = **Raspalia dregeana**

fragarioides Schltdl. = **Nebelia fragarioides**

globosa Sond. = **Nebelia fragarioides**

microphylla Sond. = **Raspalia microphylla**

paleacea Brongn. = **Nebelia paleacea**

phyllicoides Brongn. = **Raspalia phylicoides**

velutina Schltr. = **Raspalia dregeana**

BERZELIA Brongn. 3294000

(1) Pillans. 1947. *Journal of South African Botany* 13: 186–199.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 207, 208.

abrotanoides (L.) Brongn.
Perennial. Shrub. Ht 1–2 m. Alt 5–795 m. WC

arachnoidea (J.C.Wendl.) Eckl. & Zeyh. = **B. squarrosa**

burchellii Dummer
Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–760 m. WC

commutata Sond.
B. comosa Eckl. & Zeyh. (1)
Perennial. Shrub. Ht up to 1 m. Alt 100–800 m. WC

comosa Eckl. & Zeyh. = **B. commutata**

cordifolia Schltdl.
Perennial. Shrub. Ht 0.5–1 m. Alt 90–1640 m. WC

dregeana Colozza
Perennial. Shrub. Ht 0.9–1.7 m. Alt 60–1100 m. WC

ecklonii Pillans
Perennial. Shrub. Ht 0.5–1.5 m. Alt 110–450 m. WC

galpinii Pillans
Perennial. Shrub. Ht 1–2 m. Alt 300–670 m. WC

incurva Pillans
Perennial. Shrub. Ht ?–1 m. Alt 400–580 m. WC

intermedia (D.Dietr.) Schltdl.
Perennial. Shrub. Ht 1–1.5 m. Alt 30–1500 m. WC

lanuginosa (L.) Brongn.
Perennial. Shrub. Ht 1.4–2 m. Alt 10–2000 m. WC

rubra Schltdl.
B. squarrosa (Thunb.) Sond. var. *reflexa* Sond. (1)
Perennial. Shrub. Ht 0.8–1 m. Alt 30–900 m. WC

squarrosa (Thunb.) Sond.
B. arachnoidea (J.C.Wendl.) Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.9–2 m. Alt 500–2000 m. WC

squarrosa (Thunb.) Sond. var. *reflexa* Sond. = **B. rubra**

BRUNIA Lam. 3292000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 92.
(2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 928.
(3) Pillans. 1947. *Journal of South African Botany* 13: 178–186.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208.

albiflora E.Phillips
Perennial. Shrub. Ht 1–3 m. Alt 30–915 m. WC

alopecuroides Thunb.
Perennial. Shrub. Ht up to 2 m. Alt 365–1220 m. WC

capitellata E.Mey. = **Raspalia staavioides**

fragarioides Willd. = **Nebelia fragarioides**

globosa Thunb. = **Nebelia fragarioides**

laevis Thunb.
Perennial. Shrub. Ht 0.6–0.9 m. Alt 15–490 m. WC

laxa Thunb. = **Tittmannia laxa** var. **laxa**

macrocephala Willd.
B. marlothii Schltr. (3)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 900–1525 m. WC

marlothii Schltr. = **B. macrocephala**

neglecta Schltr.
Perennial. Shrub. Ht 0.6–0.9 m. Alt 490–700 m. WC

nodiflora L.
Perennial. Shrub. Ht 0.6–0.9 m. Alt 10–1500 m. WC

paleacea P.J.Bergius = **Nebelia paleacea**

passerinoides Schltdl. = **Raspalia phylicoides**

phylicoides E.Mey. = **Raspalia dregeana**

pinifolia Brongn. = **Pseudobaeckea africana**

racemosa Brongn. = **Pseudobaeckea cordata**

stokoei E.Phillips
Perennial. Shrub. Ht 1–2 m. Alt 250–915 m. WC

thyrsophora Walp. = **Pseudobaeckea africana**

verticillata Eckl. & Zeyh. = **Raspalia virgata**

LINCONIA L. 3287000

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 385.
(2) Pillans. 1947. *Journal of South African Botany* 13: 130–133.
(3) Powrie. 1969. *Journal of South African Botany* 35: 332–335.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208.
(5) Oliver. 1999. *Bothalia* 29: 256–258.

ericoides Oliv.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 500 m. WC

alopecuroidea L.
L. cuspidata Eckl. & Zeyh. (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt up to 610 m. WC

cuspidata Eckl. & Zeyh. = **L. alopecuroidea**

cuspidata (Thunb.) Sw.
L. deusta (Thunb.) Pillans (3)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 915–1525 m. WC

deusta (Thunb.) Pillans = **L. cuspidata**

tamariscina E.Mey. = **Pseudobaeckea africana**

LONCHOSTOMA Wikstr. 3286000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 118.
(2) Pillans. 1947. *Journal of South African Botany* 13: 133–138.
(3) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1208.
(4) Strid. 1968. *Botaniska Notiser* 121: 312–316.
(5) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208, 209.

acutiflorum Wikstr. = **L. myrtoides**

esterhuyseniae Strid
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1440 m. WC

monogynum (Vahl) Pillans
L. monostylis Sond. (2)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 230–1750 m. WC

monostylis Sond. = **L. monogynum**

myrtoides (Vahl) Pillans
L. acutiflorum Wikstr. (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–0.6 m. Alt up to 1370 m. WC

obtusiflorum Wikstr. = **L. pentandrum**

pentandrum (Thunb.) Druce
L. obtusiflorum Wikstr. (2)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.6 m. Alt up to 1675 m. WC

purpureum Pillans
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt up to 1755 m. WC

MNIOTHAMNEA Nied. 3293000

(1) Pillans. 1947. *Journal of South African Botany* 13: 167–169.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

bullata Schltr.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt up to 960 m. WC

callunoides (Oliv.) Nied.
M. micrantha Schltr. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 500–1400 m. WC

micrantha Schltr. = **M. callunoides**

passerinoides C.H.Wright = **Raspalia virgata**

MOESSLERA Rchb. 3285030

lateriflora Eckl. & Zeyh. = **Tittmannia laxa** var. **laxa**

NEBELIA Neck. ex Sweet 3289000

(1) Pillans. 1947. *Journal of South African Botany* 13: 161–167.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

fragarioides (Willd.) Kuntze
Berardia fragarioides Schltdl. (1)
Berardia globosa Sond. (1)
Brunia fragarioides Willd. (1)
Brunia globosa Thunb. (1)
N. globosa Dummer (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 150–1370 m. WC

globosa Dummer = **N. fragarioides**

laevis (E.Mey.) Kuntze
Perennial. Shrub. Ht 0.8–1.5 m. Alt 580–1645 m. WC

paleacea (P.J.Bergius) Sweet
Berardia paleacea Brongn. (1)
Brunia paleacea P.J.Bergius (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 45–1300 m. WC

sphaerocephala (Sond.) Kuntze
Perennial. Shrub. Ht 0.7–1.5 m. Alt up to 1525 m. WC

stokoei Pillans
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. Alt? WC

tulbaghensis Schltr. ex Dummer
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

PSEUDOBAECKEA Nied. 3291000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 150.
(2) Pillans. 1947. *Journal of South African Botany* 13: 138–143.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

africana (Burm.f.) Pillans
Brunia pinifolia Brongn. (2)
Brunia thyrsophora Walp. (2)
Linconia tamariscina E.Mey. (2)
P. pinifolia Nied. (2)
Perennial. Shrub. Ht 2–3 m. Alt 180–1220 m. WC

cordata (Burm.f.) Nied.
Brunia racemosa Brongn. (2)
P. gracilis Dummer (2)
Perennial. Shrub. Ht 1–2 m. Alt 105–1540 m. WC

gracilis Dummer = **P. cordata**

pinifolia Nied. = **P. africana**

stokoei Pillans
Perennial. Shrub. Ht 0.5–0.6 m. Alt? WC

teres (Oliv.) Dummer
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

virgata Nied. = **Raspalia virgata**

RASPALIA Brongn. 3288000

(1) Pillans. 1947. *Journal of South African Botany* 13: 147–161.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209, 210.

angulata (Sond.) Nied.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt up to 1675 m. WC

barnardii Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

dregeana (Sond.) Nied.
Berardia dregeana Sond. (1)
Berardia velutina Schltr. (1)
Brunia phylicoides E.Mey. (1)
Perennial. Shrub. Ht 0.5–0.9 m. Alt? WC

globosa (Lam.) Pillans
R. squalida Dummer (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 795–1525 m. WC

microphylla (Thunb.) Brongn.
Berardia microphylla Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt 150–2000 m. WC

oblongifolia Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1200–1900 m. WC

palustris (Schltr. ex Kirchn.) Pillans
Perennial. Shrub. Ht 1.2–1.5 m. Alt up to 1675 m. WC

passerinoides C.Presl. = **R. phylicoides**

phylicoides (Thunb.) Arn.
Berardia phyllicoides Brongn. (1)
Brunia passerinoides Schltdl. (1)
R. passerinoides C.Presl. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.7 m. Alt up to 1325 m. WC

sacculata (Bolus ex Kirchn.) Pillans
Perennial. Shrub. Ht up to 1.5 m. Alt 960–1585 m. WC

schlechteri Dummer
Perennial. Shrub. Ht up to 2 m. Alt? WC

squalida Dummer = **R. globosa**

staavioides (Sond.) Pillans
Brunia capitellata E.Mey. (1)
Perennial. Shrub. Ht 0.7–0.8 m. Alt 610–1525 m. WC

stokoei Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

trigyna (Schltr.) Dummer
Perennial. Shrub. Ht 1.4–2 m. Alt up to 90 m. KZN

variabilis Pillans
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 2200 m. WC

villosa C.Presl
Perennial. Shrub. Ht 0.7–1 m. Alt up to 1525 m. WC

virgata (Brongn.) Pillans
Brunia verticillata Eckl. & Zeyh. (1)
Mniothamnea passerinoides C.H.Wright (1)
Pseudobaeckea virgata Nied. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 300–1500 m. WC

STAAVIA Dahl 3290000

(1) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: t. 927.
(2) Pillans. 1947. *Journal of South African Botany* 13: 169–178.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 210.
(4) Jordaan. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 345.

brownii Dummer
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. Alt up to 200 m. WC

capitella (Thunb.) Sond.
S. comosa Colozza (3)
S. globosa Sond. (3)
S. lateriflora Colozza (3)
S. rupestris Eckl. & Zeyh. (4)
S. trichotoma (Thunb.) Pillans (3)
Perennial. Shrub. Ht 0.6–0.9 m. Alt 15–1220 m. WC

comosa Colozza = **S. capitella**

dodii Bolus
Perennial. Shrub. Ht 0.6–1 m. Alt 50–215 m. WC

dregeana C.Presl
S. radiata (L.) Dahl var. *glabra* Sond. (2)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

glaucescens E.Mey. = **S. glutinosa**

globosa Sond. = **S. capitella**

glutinosa (L.) Dahl
S. glaucescens E.Mey. (2)
Perennial. Shrub. Ht 0.75–0.9 m. Alt 730–2500 m. WC

lateriflora Colozza = **S. capitella**

nuda Brongn. = **S. verticillata**

phylicoides Pillans
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? WC

radiata (L.) Dahl
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 6–1220 m. WC

radiata (L.) Dahl var. *glabra* Sond. = **S. dregeana**

rupestris Eckl. & Zeyh. = **S. capitella**

trichotoma (Thunb.) Pillans = **S. capitella**

verticillata (L.f.) Pillans
S. nuda Brongn. (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1675 m. WC

zeyheri Sond.
Perennial. Shrub. Ht up to 0.9 m. Alt up to 200 m. WC

THAMNEA Sol. ex Brongn. 3284000

(1) Pillans. 1947. *Journal of South African Botany* 13: 143–147.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 210, 211.

depressa Oliv.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC

diosmoides Oliv.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt up to 1400 m. WC

gracilis (Kuntze) Oliv.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

hirtella Oliv.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1300 m. WC

massoniana Dummer
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1675 m. WC

thesioides Dummer
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 1600 m. WC

uniflora Sol. ex Brongn.
Perennial. Dwarf shrub. Ht? Alt? WC

TITTMANNIA Brongn. 3285000

(1) Pillans. 1947. *Journal of South African Botany* 13: 127–130.
(2) Powrie. 1969. *Journal of South African Botany* 33: 363–365.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 211.

esterhuyseniae Powrie
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt up to 915 m. WC

hispida Pillans
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? WC

laevis Pillans
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 960–1675 m. WC

laxa (Thunb.) C.Presl var. **langebergensis** Pillans
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? WC

laxa (Thunb.) C.Presl var. **laxa**
Brunia laxa Thunb. (1)
Moesslera lateriflora Eckl. & Zeyh. (1)
T. oliveri Dummer (1)
T. pruinosa Dummer (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 425–2100 m. WC

oliveri Dummer = **T. laxa** var. **laxa**

pruinosa Dummer = **T. laxa** var. **laxa**

BUDDLEJACEAE

Compiled by M. Jordaan

BUDDLEJA L. 6473000

(1) Letty. 1928. *The Flowering Plants of South Africa* 8: t. 314.
(2) Verdoorn. 1963. *FSA* 26: 159–168.
(3) Leeuwenberg. 1979. *Mededelingen van de Landbouwhogeschool Wageningen* 79-6: 5–163.
(4) Leeuwenberg. 1983. *FZ* 7,1: 333–343.

auriculata Benth.
B. auriculata Benth. var. *euryifolia* Prain (2)
Perennial. Shrub. Ht 1.2–3.5 m. Alt 900–2135 m. LIM, M, S, KZN, EC

auriculata Benth. var. *euryifolia* Prain = **B. auriculata**

corrugata (Benth.) E.Phillips = **B. loricata**

dysophylla (Benth.) Radlk.
Chilianthus dysophyllus (Benth.) A.DC. (2)
Perennial. Shrub or climber. Ht 0.9–7 m. Alt 45–1650 m. M, S, KZN, EC

glomerata H.L.Wendl.
Chilianthus lobulatus (Benth.) A.DC. (2)
Perennial. Shrub. Ht 1.2–3.5 m. Alt 516–1450 m. NC, WC, EC

loricata Leeuwenb.
B. corrugata (Benth.) E.Phillips (3)
Chilianthus corrugatus (Benth.) A.DC. (3)
Perennial. Shrub. Ht 0.9–3.5 m. Alt 900–2805 m. KZN, FS, L, EC

pulchella N.E.Br.
Perennial. Shrub or climber. Ht 0.8–3 m. Alt 45–1640 m. LIM, S, KZN, EC

saligna Willd.
Chilianthus oleaceus Burch. (2)
Perennial. Tree or shrub. Ht 0.5–7 m. Alt 40–1873 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

salviifolia (L.) Lam.
Perennial. Tree or shrub. Ht 1–8 m. Alt 10–2700 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

CHILIANTHUS Burch. 6473010

corrugatus (Benth.) A.DC. = **Buddleja loricata**

dysophyllus (Benth.) A.DC. = **Buddleja dysophylla**

lobulatus (Benth.) A.DC. = **Buddleja glomerata**

oleaceus Burch. = **Buddleja saligna**

GOMPHOSTIGMA Turcz. 6470000

(1) Verdoorn. 1963. *FSA* 26: 168–171.
(2) Leeuwenberg. 1977. *Mededelingen van de Landbouwhogeschool Wageningen* 77-8: 15–30.
(3) Leeuwenberg. 1983. *FZ* 7,1: 343, 344.

incomptum (L.f.) N.E.Br.
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 1000–1435 m. NC, WC

virgatum (L.f.) Baill.
Perennial. Shrub, dwarf shrub or herb. Ht 0.3–2 m. Alt 110–2410 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

LACHNOPYLIS Hochst. 6469010

congesta (R.Br. ex Fresen.) C.A.Sm. = **Nuxia congesta**

floribunda (Benth.) C.A.Sm. = **Nuxia floribunda**

glomerulata C.A.Sm. = **Nuxia glomerulata**

gracilis (Engl.) C.A.Sm. = **Nuxia gracilis**

oppositifolia Hochst. = **Nuxia oppositifolia**

NUXIA Comm. ex Lam. 6469000

(1) Verdoorn. 1963. *FSA* 26: 150–159.
(2) Leeuwenberg. 1975. *Mededelingen van de Landbouwhogeschool Wageningen* 75-8: 1–78.
(3) Leeuwenberg. 1983. *FZ* 7,1: 349–353.

congesta R.Br. ex Fresen.
Lachnopylis congesta (R.Br. ex Fresen.) C.A.Sm. (1)
Perennial. Tree or shrub. Ht 1–20 m. Alt 30–1980 m. B, LIM, NW, G, M, S, FS, KZN, EC

floribunda Benth.
Lachnopylis floribunda (Benth.) C.A.Sm. (1)
Perennial. Tree or shrub. Ht 2–17 m. Alt 30–1980 m. LIM, M, S, KZN, WC, EC

glomerulata (C.A.Sm.) I.Verd.
Lachnopylis glomerulata C.A.Sm. (1)
Perennial. Tree or shrub. Ht 1–3 m. Alt 1200–1600 m. NW, G

gracilis Engl.
Lachnopylis gracilis (Engl.) C.A.Sm. (1)
Perennial. Shrub. Ht 1.2–4 m. Alt 915–1770 m. LIM, M, NW, NC

oppositifolia (Hochst.) Benth.
Lachnopylis oppositifolia Hochst. (1)
Perennial. Tree or shrub. Ht 1–7 m. Alt 50–1325 m. N, LIM, M, S, KZN

BURSERACEAE

Compiled by R.H. Archer

BALSAMODENDRUM Kunth 4151010

africanum (A.Rich) Arn. = **Commiphora africana** var. **africana**

capense Sond. = **Commiphora capensis**

schimperi O.Berg = **Commiphora schimperi**

COMMIPHORA Jacq. 4151000

(1) Wild. 1963. *FZ* 2: 269–285.
(2) Van der Walt. 1986. *FSA* 18: 5–34.
(3) Gillett. 1991. *FTEA* Burseraceae: 1–94.

africana (A.Rich.) Engl. var. **africana**
Balsamodendrum africanum (A.Rich.) Arn. (2)
C. calciicola Engl. (2)

C. sambesiaca Engl. (2)
Heudelotia africana A.Rich. (2)
Perennial. Tree, shrub, dwarf shrub. Ht 0.5–6.5 m. Alt 90–1310 m. N, B, LIM, NW, M, S, KZN

anacardiifolia Dinter & Engl.
Perennial. Tree. Ht ± 9 m. Alt 800–1500 m. N

angolensis Engl.
C. kwebensis N.E.Br. (2)
C. nigrescens Engl. (2)
C. oliveri Engl. (2)
C. rehmannii Engl. (2)
Perennial. Tree, shrub, dwarf shrub. Ht 0.5–7.5 m. Alt 155–1280 m. N, B, LIM, NW, M

berberidifolia Engl. = **C. glandulosa**

betschuanica Engl. = **C. schimperi**

caerulea Burtt
Perennial. Tree. Ht 3–15 m. Alt 500–1500 m. B

calciicola Engl. = **C. africana** var. **africana**

capensis (Sond.) Engl.
Balsamodendrum capense Sond. (2)
Perennial. Tree, shrub. Ht 0.6–3 m. Alt 330–610 m. N, NC

caryaefolia Oliv. = **C. woodii**

cervifolia J.J.A.van der Walt
Perennial. Tree, shrub. Ht 0.5–3 m. Alt ± 800 m. N, NC

chlorocarpa Engl. = **C. edulis** subsp. **edulis**

cinerea Engl. = **C. mollis**

crenato-serrata Engl.
Perennial. Tree, shrub. Ht 1–10 m. Alt 1250–1400 m. N

dekindtiana Engl. = **C. mollis**

dinteri Engl.
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 500–2166 m. N

discolor Mendes
Perennial. Tree. Ht 3–9.14 m. Alt 1000–1300 m. N

dulcis Engl. = **C. saxicola**

edulis (Klotzsch) Engl. subsp. **edulis**
C. chlorocarpa Engl. (2)
Perennial. Tree. Ht 3–6 m. Alt 450–1500 m. N, B, LIM

giessii J.J.A.van der Walt
Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 400–800 m. N

glandulosa Schinz
C. berberidifolia Engl. (2)
C. pyracanthoides Engl. subsp. *glandulosa* (Schinz) Wild (2)
Perennial. Tree, shrub. Ht 0.5–10 m. Alt 30–1370 m. N, B, LIM, NW, G, M, S, KZN

glaucescens Engl.
C. pruinosa Engl. (2)
C. hereroensis Schinz (2)
Perennial. Tree, shrub. Ht 1–9 m. Alt 550–1350 m. N

gracilifrondosa Dinter ex J.J.A.van der Walt
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 400–1035 m. N, NC

harveyi (Engl.) Engl.
Protium africanum Harv. (2)
Perennial. Tree, shrub. Ht 2–20 m. Alt 5–1280 m. LIM, M, S, KZN, EC

hereroensis Schinz = **C. glaucescens**.

karibensis Wild
Perennial. Tree. Ht 1–14 m. Alt ± 990 m. B

kraeuseliana Heine
Perennial. Shrub. Ht 1.21–2 m. Alt ± 570 m. N

kwebensis N.E.Br. = **C. angolensis**

marlothii Engl.
Perennial. Tree. Ht 2.5–10 m. Alt 305–1495 m. B, LIM, G, M

merkeri Engl. in part = **C. viminea**

mollis (Oliv.) Engl.
C. cinerea Engl. (2)
C. dekindtiana Engl. (2)
C. montana Engl. (2)
C. welwitschii Engl. (2)
Perennial. Tree. Ht 1–9 m. Alt 109–1450 m. N, B, LIM, NW, M

montana Engl. = **C. mollis**

mossambicensis (Oliv.) Engl.
C. stolzii Engl. (2)
Proteum? mossambicense Oliv. (2)
Perennial. Tree. Ht 3–12 m. Alt 915–1050 m. N, B

multijuga (Hiern) K.Schum.
Perennial. Tree. Ht 2–8 m. Alt 100–550 m. N

namaensis Schinz
C. rotundifolia Dinter & Engl. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 600–915 m. N, NC

neglecta I.Verd.
Perennial. Tree. Ht 1–9 m. Alt 15–1310 m. LIM, NW, M, S, KZN

nigrescens Engl. = **C. angolensis**

oblanceolata Schinz
Perennial. Shrub. Ht 1.2–3 m. Alt 500–1850 m. N

oliveri Engl. = **C. angolensis**

porensis Engl. = **Lannea schweinfurthii** var. **stuhlmannii**

pruinosa Engl. = **C. glaucescens**.

pyracanthoides Engl.
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 155–1800 m. N, B, LIM, NW, G, M, S, KZN

pyracanthoides Engl. subsp. *glandulosa* (Schinz) Wild = **C. glandulosa**

rehmannii Engl. = **C. angolensis**

rotundifolia Dinter & Engl. = **C. namaensis**

sambesiaca Engl. = **C. africana** var. **africana**

saxicola Engl.
C. dulcis Engl. (2)
Perennial. Tree, shrub. Ht 0.2–4 m. Alt 50–450 m. N

schimperi (O.Berg) Engl.
Balsamodendrum schimperi O.Berg (2)
C. betschuanica Engl. (2)
Perennial. Tree, shrub. Ht 1–6 m. Alt 60–1465 m. B, LIM, NW, S, KZN

spondioides Engl. = **C. zanzibarica**

stolzii Engl. = **C. mossambicensis**

subglauca Engl. = **Sclerocarya birrea** subsp. **caffra**

tenuipetiolata Engl.
Perennial. Tree, shrub. Ht 1–12 m. Alt 305–1350 m. N, B, LIM, M

viminea Burtt Davy
C. merkeri Engl. in part (3)
Perennial. Tree. Ht 1–7 m. Alt 275–855 m. N, LIM, M

virgata Engl.
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 400–1000 m. N

welwitschii Engl. = **C. mollis**

wildii Merxm.
Perennial. Tree, shrub. Ht 0.5–2.5 m. Alt ± 450 m. N

woodii Engl.
C. caryaefolia Oliv. (2)
Perennial. Tree. Ht 3–12 m. Alt 15–1370 m. S, KZN, EC

zanzibarica (Baill.) Engl.
C. spondioides Engl. (2)
Perennial. Tree. Ht 2–9 m. Alt 15–60 m. M, KZN

HEUDELOTIA A.Rich 4151020

africana A.Rich. = **Commiphora africana** var. **africana**

PROTIUM in sense of Wight & Arn., not of Burm.f. 4151030

africanum Harv. = **Commiphora harveyi**

? *mossambicense* Oliv. = **Commiphora mossambicensis**

BUXACEAE

Compiled by R.H. Archer

BUXELLA Tiegh. 4533000

macowanii (Oliv.) Tiegh. = **Buxus macowanii**

BUXUS L. 4533000

(1) Glen. 1996. *Bothalia* 26: 37–40.

macowanii Oliv.
Buxella macowanii (Oliv.) Tiegh. (1)
Notobuxus macowanii (Oliv.) E.Phillips (1)
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 15–1400 m. LIM, NW, M, KZN, EC

natalensis (Oliv.) Hutch.
Notobuxus natalensis Oliv. (1)
Perennial. Tree, shrub. Ht 1–5 m. Alt 5–1100 m. KZN, EC

NOTOBUXUS Oliv. 4534000

macowanii (Oliv.) E.Phillips = **Buxus macowanii**

natalensis Oliv. = **Buxus natalensis**

CABOMBACEAE

Compiled by R.P. Glen & C.D.K. Cook

BRASENIA Schreb. 2510000

(1) Wild. 1961. *FZ* 1: 173–175.
(2) Verdcourt. 1971. *FTEA* Cabombaceae: 1–3.

schreberi J.F.Gmel.
Perennial. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 600–1450 m. B, M

CACTACEAE

Compiled by H.F. Glen

*CEREUS Mill. 5401000

(1) Cabrera. 1965. *Flora de la Provincia de Buenos Aires* 4: 275–279.
(2) Hunt. 1989. *European garden flora* 3: 222, 223.

jamacaru DC.
Perennial. Tree, succulent. Ht 2–7 m. Alt up to 1500 m. LIM, NW, G, M, S, KZN, EC

*ECHINOPSIS Zucc. 5406000

(1) Hunt. 1989. *European garden flora* 3: 237–243.

spachiana (Lem.) Friedrich & G.D.Rowley
Trichocereus spachianus (Lem.) Riccob. (1)
Perennial. Succulent. Ht 1–2 m. Alt up to 1500 m. NW, FS, NC, WC, EC

*HARRISIA Britton 5401010

(1) Obermeyer. 1976. *FSA* 22: 145, 146.
(2) Hunt & Leuenberger. 1989. *European garden flora* 3: 211, 212.

martinii (Labour.) Britton
Perennial. Climber, succulent. Ht ± 2 m. Alt 300–1600 m. KZN, WC

*HYLOCEREUS (A.Berger) Britton & Rose 5401060

(1) Hunt. 1989. *European garden flora* 3: 212.

undatus (Haw.) Saff.
Perennial. Climber, succulent. Ht 1–2 m. Alt up to 500 m. M, KZN, WC, EC

*OPUNTIA Mill. 5417000

(1) Obermeyer. 1976. *FSA* 22: 149–155.
(2) Hunt. 1989. *European garden flora* 3: 297–300.

aurantiaca Lindl.

Perennial. Shrub, succulent. Ht ± 1 m. Alt up to 1750 m. NW, G, M, FS, KZN, NC, WC, EC

dillenii (Ker Gawl.) Haw. = **O. stricta**

exaltata A.Berger
Perennial. Shrub, succulent. Ht 4–5 m. Alt up to 2000 m. NW, G, FS, KZN, WC, EC

ficus-indica (L.) Mill.
Perennial. Tree, shrub, succulent. Ht 2–5 m. Alt up to 2250 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

imbricata (Haw.) DC.
Perennial. Shrub, succulent. Ht ± 3 m. Alt 100–1900 m. LIM, NW, FS, NC, WC, EC

leptocaulis DC.
Perennial. Succulent, shrub. Ht up to 2 m. Alt 250–500 m. LIM, WC.

lindheimeri Engelm.
Perennial. Succulent, shrub. Ht 1–1.5 m. Alt 300–1200 m. EC

microdasys (Lehm.) Pfeiff.
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 300–1500 m. G, WC, EC

robusta H.L.Wendl. in Pfeiff.
Perennial. Succulent, shrub. Ht ± 5 m. Alt up to 2000 m. LIM, NW, FS, KZN, NC, WC, EC

rosea DC.
Perennial. Dwarf shrub, succulent. Ht 0.6–0.8 m. Alt 1050–1500 m. NW, G, FS, NC

salmiana Parm. in Pfeiff.
Perennial. Shrub, succulent. Ht ± 2 m. Alt 1250–1500 m. NW.

spinulifera Salm-Dyck
Perennial. Shrub, succulent. Ht ± 3 m. Alt 500–1650 m. M, KZN, EC

stricta Haw.
O. dillenii (Ker Gawl.) Haw. (2)
Perennial. Dwarf shrub, succulent. Ht 0.6–2 m. Alt up to 1500 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

vulgaris Mill.
Perennial. Shrub, succulent. Ht 4–5 m. Alt up to 1650 m. G, M, KZN, WC, EC

*PERESKIA Mill. 5421000

(1) Obermeyer. 1976. *FSA* 22: 156.
(2) Hunt & Leuenberger. 1989. *European garden flora* 3: 210, 211.

aculeata Mill.
Perennial. Shrub, climber, succulent. Ht 3–15.24 m. Alt up to 2000 m. LIM, G, M, KZN, WC, EC

RHIPSALIS Gaertn. 5416000

(1) Obermeyer. 1976. *FSA* 22: 147, 148.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 139, 140.
(3) Barthlott & Taylor. 1995. *Bradleya* 13: 43–79.

baccifera (J.Mill.) Stearn subsp. **mauritiana** (DC.) Barthlott
Perennial. Epiphyte, succulent, lithophyte. Ht 0.5–3 m. Alt up to 1750 m. M, S, KZN, EC

TRICHOCEREUS (A.Berger) Riccob. 5406001

spachianus (Lem.) Riccob. = **Echinopsis spachiana**

CALLITRICHACEAE

Compiled by R.H. Archer & R.P. Glen

CALLITRICHE L. 4530000

(1) Brown. 1912. *Bulletin of Miscellaneous Information, Kew* 1912: 276.
(2) Marloth. 1925. *The Flora of South Africa* 2, 2: 141.

bolusii Schönland & Pax ex Marloth
Annual. Herb, hydrophyte. Ht ± 0.07 m. Alt 20–765 m. WC, EC

compressa N.E.Br.
Annual. Herb, hydrophyte. Ht ± 0.05 m. Alt 50–1250 m. KZN

CAMPANULACEAE

Compiled by W.G. Welman & C.N. Cupido

CAMPANULA L. 8644000

adpressa Thunb. = **Wahlenbergia adpressa**

capensis L. = **Wahlenbergia capensis**

capillacea L.f. = **Wahlenbergia capillacea** subsp. **capillacea**

cernua Thunb. = **Wahlenbergia cernua**

cinerea L.f. = **Wahlenbergia cinerea**

denticulata Burch. = **Wahlenbergia denticulata** var. **denticulata**

fasciculata L.f. = **Wahlenbergia desmantha**

hispidula Thunb. = **Wahlenbergia hispidula**

linearis L.f. = **Microcodon lineare**

paniculata Thunb. = **Wahlenbergia paniculata**

procumbens Thunb. = **Wahlenbergia procumbens**

sessiliflora L.f. = **Wahlenbergia subulata** var. **subulata**

tenella L.f. = **Wahlenbergia tenella** var. **tenella**

undulata L.f. = **Wahlenbergia undulata**

unidentata L.f. = **Wahlenbergia unidentata**

CEPHALOSTIGMA A.DC. 8669000

hirsutum Edgew. = **Wahlenbergia hirsuta**

pyramidale Schinz = **Wahlenbergia ramosissima** subsp. **lateralis**

CERVICINA Delile 8668020

campanuloides Delile = **Wahlenbergia campanuloides**

CRATEROCAPSA Hilliard & B.L.Burtt 8668010

(1) Hilliard & Burtt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 314–326.

congesta Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.03–0.08 m. Alt 1400–3475 m. KZN, L, EC

insizwae (Zahlbr.) Hilliard & B.L.Burtt
Roella insizwae Zahlbr. (1)
Wahlenbergia ovalis Brehmer (1)
Perennial. Herb. Ht 0.03–0.05 m. Alt 1250–1830 m. KZN

montana (A.DC.) Hilliard & B.L.Burtt
Wahlenbergia basutica E.Phillips (1)
Wahlenbergia montana A.DC. var. *montana* (1)
Perennial. Herb. Ht 0.03–0.05 m. Alt 1220–1850 m. FS, L, EC

tarsodes Hilliard & B.L.Burtt
Wahlenbergia montana A.DC. var. *angustisepala* Brehmer (1)
Wahlenbergia montana A.DC. var. *glabrata* Sond. (1)
Perennial. Herb. Ht 0.02–0.05 m. Alt 1200–2440 m. LIM, M, S, FS, KZN, EC

GUNILLAEA Thulin 8663020

(1) Thulin. 1974. *Botaniska Notiser* 127: 165–182.

rhodesica (Adamson) Thulin
Prismatocarpus rhodesicus Adamson (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 900–1000 m. N, B

LEPTOCODON Sond. 8665010

longebracteatum (H.Buek ex Eckl. & Zeyh.) Sond. = **Treichelia longebracteata**

LIGHTFOOTIA L'Hér. 8670000

abyssinica Hochst. ex A.Rich. = **Wahlenbergia abyssinica** subsp. **abyssinica**

adpressa (Thunb.) A.DC. = **Wahlenbergia adpressa**

albanensis Sond. = **Wahlenbergia cinerea**

albens Spreng. ex A.DC. = **Wahlenbergia albens**

albicaulis Sond. = **Wahlenbergia albicaulis**

angustifolia A.DC. = **Wahlenbergia rubens** var. **rubens**

anomala A.DC. = **Wahlenbergia thunbergiana**

asparagoides Adamson = **Wahlenbergia asparagoides**

axillaris Sond. = **Wahlenbergia axillaris**

brachiata Adamson = **Wahlenbergia brachiata**

brachyphylla Adamson = **Wahlenbergia brachyphylla**

buekii Sond. = **Wahlenbergia uitenhagensis** var. **filifolia**

calcarea Adamson = **Wahlenbergia calcarea**

caledonica Sond. = **Wahlenbergia dieterlenii**

capillaris H.Buek = **Wahlenbergia thulinii**

ciliata (Thunb.) Sond. var. *ciliata* = **Wahlenbergia uitenhagensis** var. **uitenhagensis**

ciliata (Thunb.) Sond. var. *debilis* Sond. = **Wahlenbergia uitenhagensis** var. **debilis**

cinerea (L.f.) Sond. = **Wahlenbergia cinerea**

cordata Adamson = **Wahlenbergia cordata**

denticulata (Burch.) Sond. var. *denticulata* = **Wahlenbergia denticulata** var. **denticulata**

denticulata (Burch.) Sond. var. *transvaalensis* Adamson = **Wahlenbergia denticulata** var. **transvaalensis**

dieterlenii E.Phillips = **Wahlenbergia dieterlenii**

diffusa H.Buek var. *diffusa* = **Wahlenbergia tenella** var. **tenella**

diffusa H.Buek var. *palustris* Adamson = **Wahlenbergia tenella** var. **palustris**

diffusa H.Buek var. *stokoei* Adamson = **Wahlenbergia tenella** var. **stokoei**

dinteri Engl. ex Dinter = **Wahlenbergia denticulata** var. **denticulata**

divaricata H.Buek var. *debilis* (Sond.) Adamson = **Wahlenbergia uitenhagensis** var. **debilis**

divaricata H.Buek var. *divaricata* = **Wahlenbergia uitenhagensis** var. **uitenhagensis**

divaricata H.Buek var. *filifolia* Adamson = **Wahlenbergia uitenhagensis** var. **filifolia**

effusa Adamson = **Wahlenbergia effusa**

erecta R.D.Good in part = **Wahlenbergia longifolia** var. **corymbosa**

erecta R.D.Good in part = **Wahlenbergia longifolia** var. **longifolia**

fasciculata (L.f.) A.DC. = **Wahlenbergia desmantha**

fruticosa Druce = **Wahlenbergia subulata** var. **subulata**

glomerata Engl. = **Wahlenbergia napiformis**

huttonii Sond. = **Wahlenbergia huttonii**

intricata Dinter & Markgr. = **Wahlenbergia denticulata** var. **denticulata**

juncea (H.Buek) Sond. = **Wahlenbergia juncea**

laricina H.Buek in part = **Wahlenbergia albens**

laricina H.Buek in part = **Wahlenbergia uitenhagensis** var. **filifolia**

laxiflora Sond. = **Wahlenbergia laxiflora**

longifolia A.DC. var. *corymbosa* Adamson = **Wahlenbergia longifolia** var. **corymbosa**

longifolia A.DC. var. *longifolia* = **Wahlenbergia longifolia** var. **longifolia**

longifolia A.DC. var. *oppositifolia* Sond. = **Wahlenbergia longifolia** var. **corymbosa**

lycopodioides A.DC. = **Wahlenbergia unidentata**

macrostachys A.DC. = **Wahlenbergia macrostachys**

marginata A.DC. = **Wahlenbergia napiformis**

microphylla Adamson = **Wahlenbergia microphylla**

multicaulis Adamson = **Wahlenbergia adamsonii**

multiflora Adamson = **Wahlenbergia polyantha**

namaquana Sond. = **Wahlenbergia sonderi**

napiformis A.DC. = **Wahlenbergia napiformis**

nodosa H.Buek = **Wahlenbergia nodosa**

oppositifolia A.DC. = **Wahlenbergia thulinii**

oxycoccoides L'Hér. = **Wahlenbergia parvifolia**

paniculata Sond. = **Wahlenbergia magaliesbergensis**

parvifolia (P.J.Bergius) Adamson = **Wahlenbergia parvifolia**

pauciflora Adamson = **Wahlenbergia oligantha**

planifolia Adamson = **Wahlenbergia riversdalensis**

rigida Adamson = **Wahlenbergia neorigida**

rubens H.Buek var. *brachyphylla* Adamson = **Wahlenbergia rubens** var. **brachyphylla**

rubens H.Buek var. *rubens* = **Wahlenbergia rubens** var. **rubens**

rubioides Banks ex A.DC. var. *rubioides* = **Wahlenbergia rubioides** var. **rubioides**

rubioides Banks ex A.DC. var. *stokoei* Adamson = **Wahlenbergia rubioides** var. **stokoei**

sessiliflora (L.f.) Sond. = **Wahlenbergia subulata** var. **subulata**

spicata H.Buek = **Wahlenbergia macrostachys**

squarrosa Adamson = **Wahlenbergia levynsiae**

stricta Adamson = **Wahlenbergia neostricta**

subulata L'Hér. var. *congesta* Adamson = **Wahlenbergia subulata** var. **congesta**

subulata L'Hér. var. *subulata* = **Wahlenbergia subulata** var. **subulata**

subulata L'Hér. var. *tenuifolia* Adamson = **Wahlenbergia subulata** var. **tenuifolia**

tenella (L.f.) A.DC., not of Lodd. = **Wahlenbergia tenella** var. **tenella**

tenella (L.f.) A.DC., not of Lodd. var. *fasciculata* (L.f.) Sond. = **Wahlenbergia desmantha**

tenella (L.f.) A.DC., not of Lodd. var. *microphylla* Sond. = **Wahlenbergia nodosa**

tenella (L.f.) A.DC., not of Lodd. var. *tenerrima* (H.Buek) Sond. = **Wahlenbergia tenerrima** var. **tenerrima**

tenella Lodd. var. *montana* Adamson = **Wahlenbergia tenerrima** var. **montana**

tenella Lodd. var. *tenella* = **Wahlenbergia tenerrima** var. **tenerrima**

tenerrima H.Buek = **Wahlenbergia tenerrima** var. **tenerrima**

tenuis Adamson = **Wahlenbergia pyrophila**

thunbergiana H.Buek = **Wahlenbergia thunbergiana**

uitenhagensis H.Buek = **Wahlenbergia uitenhagensis** var. **uitenhagensis**

umbellata Adamson = **Wahlenbergia umbellata**

unidentata (L.f.) A.DC. = **Wahlenbergia unidentata**

MERCIERA A.DC. 8661000

(1) Adamson. 1954. *Journal of South African Botany* 20: 157–163.
(2) Cupido. 2002. *Bothalia* 32: 74–76.

azurea Schltr. = **M. tenuifolia** var. **azurea**

brevifolia A.DC.
Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 300–610 m. WC

brevifolia A.DC. var. *leptoloba* (A.DC.) Sond. = **M. leptoloba**

eckloniana H.Buek ex Eckl. & Zeyh.
M. tenuifolia (L.f.) A.DC. var. *eckloniana* (H.Buek ex Eckl. & Zeyh.) Sond. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 450–1500 m. WC

heteromorpha H.Buek ex Eckl. & Zeyh. = **Carpacoce heteromorpha**

leptoloba A.DC.
M. brevifolia A.DC. var. *leptoloba* (A.DC.) Sond. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.2 m. Alt 50–400 m. WC

tenuifolia (L.f.) A.DC. var. **azurea** (Schltr.) Adamson
M. azurea Schltr. (1)
Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 100–650 m. WC

tenuifolia (L.f.) A.DC. var. *eckloniana* (H.Buek ex Eckl. & Zeyh.) Sond. = **M. eckloniana**

tenuifolia (L.f.) A.DC. var. **tenuifolia**
Trachelium tenuifolium L.f. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 110–600 m. WC

tetraloba C.N.Cupido
Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 30–350 m. WC

vaginata Adamson = **Carpacoce heteromorpha**

MICROCODON A.DC. 8677000

(1) Sonder. 1865. *FC* 3: 564–566.

glomeratum A.DC.
Annual. Herb. Ht 0.05–0.25 m. Alt 20–400 m. WC

hispidulum (Thunb.) Sond. = **Wahlenbergia hispidula**

lineare (L.f.) H.Buek
Campanula linearis L.f. (1)
Annual. Herb. Ht 0.05–0.2 m. Alt 15–500 m. WC

longebracteatum H.Buek ex Eckl. & Zeyh. = **Treichelia longebracteata**

sparsiflorum A.DC.
Annual. Herb. Ht 0.05–0.1 m. Alt 300–770 m. WC

NAMACODON Thulin 8663010

(1) Thulin. 1974. *Botaniska Notiser* 127: 165–182.

schinzianum (Markgr.) Thulin
Prismatocarpus schinzianus Markgr. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.45 m. Alt 1400–2290 m. N

PRISMATOCARPUS L'Hér. 8663000

(1) Adamson. 1951. *Journal of South African Botany* 17: 93–166.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 393, 394.

acerosus Schinz = **P. sessilis** var. **sessilis**

alpinus (Bond) Adamson
Roella alpina Bond (1)
Perennial. Dwarf shrub, herb. Ht 0.05–0.1 m. Alt 1600–2135 m. WC

altiflorus L'Hér.
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt? WC

brevilobus A.DC.

Perennial. Dwarf shrub, herb. Ht 0.4–0.6 m. Alt 245–1830 m. WC

burchellii Vatke = **P. tenerrimus**

campanuloides (L.f.) Sond. var. **campanuloides**
Polemonium campanuloides L.f. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 15–1100 m. WC, EC

campanuloides (L.f.) Sond. var. **dentatus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt? WC

candolleanus Cham.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 610–1000 m. WC

cliffortioides Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt ?–260 m. WC

cordifolius Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 500–670 m. WC

crispus L'Hér.
Annual. Herb. Ht 0.2–0.5 m. Alt 50–335 m. NC, WC, EC

debilis Adamson var. **debilis**
P. nitidus L'Hér. var. *ovatus* Adamson (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 460–1690 m. WC

debilis Adamson var. **elongatus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 520–915 m. WC

decurrens Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 1000–2000 m. WC

diffusus (L.f.) A.DC.
Trachelium diffusum L.f. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt 60–1400 m. WC

fastigiatus C.Presl ex A.DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? WC

fruticosus L'Hér.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 60–1675 m. WC

hildebrandtii Vatke
Annual. Herb. Ht 0.2–0.5 m. Alt? WC

hispidus Adamson
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 670–1000 m. WC

hookeri Sweet = **P. nitidus** var. **nitidus**

implicatus Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 610–1065 m. WC

junceus H.Buek = **Wahlenbergia juncea**

lasiophyllus Adamson
Perennial. Dwarf shrub, herb. Ht 0.05–0.25 m. Alt? WC

lycioides Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC

lycopodioides A.DC. var. **hispidus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt ?–915 m. WC

lycopodioides A.DC. var. **lycopodioides**
P. subulatus (Thunb.) A.DC. var. *pauciflorus* Sond. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 1065–1400 m. WC

nitidus L'Hér. var. **nitidus**
P. hookeri Sweet (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 460–1370 m. WC

nitidus L'Hér. var. *ovatus* Adamson = **P. debilis** var. **debilis**

pauciflorus Adamson
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1000–1335 m. WC

pedunculatus (P.J.Bergius) A.DC.
P. roelloides (L.f.) Sond. (1)
Roella pedunculata P.J.Bergius (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 15–1525 m. WC

pilosus Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt? WC

rhodesicus Adamson = **Gunillaea rhodesica**

roelloides (L.f.) Sond. = **P. pedunculatus**

rogersii Fourc.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 245–835 m. WC

schinzianus Markgr. = **Namacodon schinzianum**

schlechteri Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 15–1200 m. WC

sessilis Eckl. ex A.DC. var. **macrocarpus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt ?–100 m. WC

sessilis Eckl. ex A.DC. var. **sessilis**
P. acerosus Schinz (1)
Wahlenbergia filicaulis R.D.Good (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 5–395 m. WC

spinosus Adamson
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt ?–300 m. WC

subulatus (Thunb.) A.DC. var. *pauciflorus* Sond. = **P. lycopodioides** var. **lycopodioides**

tenellus Oliv.
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 1220–1370 m. WC

tenerrimus H.Buek
P. burchellii Vatke (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 305–1525 m. WC

virgatus Fourc.
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 915–1000 m. WC

RHIGIOPHYLLUM Hochst. 8664000

(1) Sonder. 1865. *FC* 3: 597.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 395.

squarrosum Hochst.
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 245–305 m. WC

ROELLA L. 8662000

(1) Adamson. 1951. *Journal of South African Botany* 17: 93–166.
(2) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1116.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 395, 396.

alpina Bond = **Prismatocarpus alpinus**

amplexicaulis Wolley-Dod
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? WC

arenaria Schltr.
Perennial. Dwarf shrub, herb. Ht 0.2–0.45 m. Alt 35–435 m. WC

bryoides H.Buek
Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 90–460 m. WC

ciliata L. (2)
R. ciliata L. var. *linnaeana* Sond. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 30–610 m. WC

ciliata L. var. *incurva* (A.DC.) Sond. = **R. incurva**

ciliata L. var. *linnaeana* Sond. = **R. ciliata**

ciliata L. var. *triflora* R.D.Good = **R. triflora**

compacta Schltr.
R. cuspidata Adamson var. *cuspidata* (3)
R. cuspidata Adamson var. *hispida* Adamson (3)
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 15–200 m. WC

cuspidata Adamson var. *cuspidata* = **R. compacta**

cuspidata Adamson var. *hispida* Adamson = **R. compacta**

decurrens L'Hér.
R. glabra Poir. (1)
Annual/Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt ?–915 m. WC

dregeana A.DC. var. **dregeana**
R. leptosepala Sond. (1)
R. psammophila Schltr. (3)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 670–1170 m. WC

dregeana A.DC. var. **nitida** (Schltr.) Adamson
R. nitida Schltr. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 670–1000 m. WC

dunantii A.DC.
R. reticulata A.DC. var. *dunantii* (A.DC.) Sond. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 50–1500 m. WC

eckloniana H.Buek = **R. spicata** var. **spicata**

ericoides R.D.Good = **R. goodiana**

filiformis Lam. = **R. squarrosa**

glabra Poir. = **R. decurrens**

glomerata A.DC.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–170 m. KZN, EC

goodiana Adamson
R. ericoides R.D.Good (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt ?–235 m. WC

incurva A.DC.
R. ciliata L. var. *incurva* (A.DC.) Sond. (1)
R. rhodantha Adamson (3)
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 45–1525 m. WC

incurva A.DC. var. *rigida* Adamson = **R. prostrata**

insizwae Zahlbr. = **Craterocapsa insizwae**

latiloba A.DC.
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 25–? m. WC

leptosepala Sond. = **R. dregeana** var. **dregeana**

lightfootioides Schltr. = **R. spicata**

maculata Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.35 m. Alt ?–470 m. WC

muscosa L.f.
Perennial. Herb. Ht 0.05–0.1 m. Alt 790–1000 m. WC

nitida Schltr. = **R. dregeana** var. **nitida**

pedunculata P.J.Bergius = **Prismatocarpus pedunculatus**

prostrata E.Mey. ex A.DC.
R. incurva A.DC. var. *rigida* Adamson (3)
R. reticulata A.DC. var. *reticulata* (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 20–915 m. WC

psammophila Schltr. = **R. dregeana** var. **dregeana**

recurvata A.DC.
Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt ?–100 m. WC

reticulata A.DC. var. *dunantii* (A.DC.) Sond. = **R. dunantii**

reticulata A.DC. var. *reticulata* = **R. prostrata**

rhodantha Adamson = **R. incurva**

secunda H.Buek
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 70–635 m. WC, EC

spicata L.f. var. **burchellii** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC

spicata L.f. var. **spicata**
R. eckloniana H.Buek (1)
R. lightfootioides Schltr. (3)
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 15–1280 m. WC, EC

squarrosa P.J.Bergius
R. filiformis Lam. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 185–915 m. WC

triflora (R.D.Good) Adamson
R. ciliata L. var. *triflora* R.D.Good (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 120–885 m. WC

SIPHOCODON Turcz. 8667000

(1) Sonder. 1865. *FC* 3: 596, 597.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 396.

debilis Schltr.
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 45–1065 m. WC

spartioides Turcz.
Perennial. Dwarf shrub, herb. Ht 0.25–0.45 m. Alt 110–1000 m. WC

THEILERA E.Phillips 8677010

(1) Phillips. 1927. *Bothalia* 2: 369.

guthriei (L.Bolus) E.Phillips
Wahlenbergia guthriei L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 365–1870 m. WC

TRACHELIUM L. 8653000

diffusum L.f. = **Prismatocarpus diffusus**

tenuifolium L.f. = **Merciera tenuifolia** var. **tenuifolia**

TREICHELIA Vatke 8665000

(1) Adamson. 1950. *Flora of the Cape Peninsula*: 745.

longebracteata (H.Buek ex Eckl. & Zeyh.) Vatke
Leptocodon longebracteatum (H.Buek ex Eckl. & Zeyh.) Sond. (1)
Microcodon longebracteatum H.Buek ex Eckl. & Zeyh. (1)
Wahlenbergia depressa Wolley-Dod (1)
Annual. Herb. Ht 0.05–0.2 m. Alt 85–? m. WC

WAHLENBERGIA Schrad. ex Roth 8668000

(1) Sonder. 1865. *FC* 3: 530–604.
(2) Von Brehmer. 1915. *Botanische Jahrbücher* 53: 9–143.
(3) Dyer. 1934. *Kew Bulletin* 1934: 265.
(4) Adamson. 1955. *Journal of South African Botany* 21: 156–211.
(5) Roessler. 1966. *FSWA* 136: 4–9.
(6) Hilliard & Burtt. 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 2.
(7) Thulin. 1975. *Symbolae Botanicae Upsaliensis* 21: 1–223.
(8) Thulin. 1978. *Botaniska Notiser* 131: 67–70.
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abyssinica (Hochst. ex A.Rich.) Thulin subsp. **abyssinica**
Lightfootia abyssinica Hochst. ex A.Rich. (7)
Perennial. Herb. Ht 0.1–0.4 m. Alt 30–150 m. KZN

acaulis E.Mey.
Annual. Herb. Ht 0.02–0.05 m. Alt 670–1670 m. NC

acicularis Brehmer
Perennial. Herb. Ht 0.15–0.2 m. Alt 1750–2000 m. KZN

acuminata Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt ?–1920 m. WC

adamsonii Lammers
Lightfootia multicaulis Adamson (12)
Perennial. Herb. Ht 0.04–0.08 m. Alt ?–1700 m. WC

adpressa (Thunb.) Sond.
Campanula adpressa Thunb. (4)
Lightfootia adpressa (Thunb.) A.DC. (16)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–35 m. WC

albens (Spreng. ex A.DC.) Lammers
Lightfootia albens Spreng. ex A.DC. (12)
Lightfootia laricina H.Buek in part (4)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 305–1950 m. FS, L, NC, WC, EC

albicaulis (Sond.) Lammers
Lightfootia albicaulis Sond. (12)
Lobelia cinerea Thunb. (12)
Annual. Herb. Ht 0.03–0.05 m. Alt ?–1125 m. NC

androsacea A.DC.
W. arenaria A.DC. (7)
W. glandulosa Brehmer (16)
W. inhambanensis Klotzsch (7)
W. nudicaulis A.DC. (54)
W. perennis Brehmer (57)
W. rosulata Brehmer (57)
Annual. Herb. Ht 0.05–0.5 m. Alt 20–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

annularis A.DC.
Annual. Herb. Ht 0.1–0.6 m. Alt 30–1310 m. N, NC, WC

annuliformis Brehmer
Annual. Herb. Ht 0.4–0.5 m. Alt? WC

appressifolia Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.2–0.45 m. Alt 1570–2670 m. KZN, L

arenaria A.DC. = **W. androsacea**

asparagoides (Adamson) Lammers
Lightfootia asparagoides Adamson (12)
Perennial. Herb. Ht 0.3–1 m. Alt 10–45 m. NC, WC

asperifolia Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt? WC

axillaris (Sond.) Lammers
Lightfootia axillaris Sond. (12)
Perennial. Shrublet. Ht 0.15–0.6 m. Alt 20–670 m. WC

banksiana A.DC.
W. foliosa Brehmer (7)
W. gracillima S.Moore (7)
W. multiflora Conrath (7)
W. okavangensis N.E.Br. (7)
Perennial. Herb. Ht 0.15–0.5 m. Alt 1030–1555 m. N, B, LIM, NW, G, M, S, KZN

basutica E.Phillips = **Craterocapsa montana**

bolusiana Schltr. & Brehmer
Annual. Herb. Ht 0.15–0.2 m. Alt ?–225 m. WC

bowkerae Sond.
Annual. Herb. Ht 0.1–0.3 m. Alt? EC

brachiata (Adamson) Lammers
Lightfootia brachiata Adamson (12)
Perennial. Herb. Ht 0.15–0.3 m. Alt ?–2000 m. LIM

brachycarpa Schltr.
Annual. Herb. Ht 0.1–0.25 m. Alt 120–560 m. WC

brachyphylla (Adamson) Lammers
Lightfootia brachyphylla Adamson (12)
Perennial. Shrublet. Ht 0.05–0.3 m. Alt 670–1500 m. WC

brehmeri Lammers
W. rotundifolia Lammers (15)
Annual. Herb. Ht 0.2–0.3 m. Alt ?–600 m. WC

brevisquamifolia Brehmer
Annual. Herb. Ht 0.15–0.35 m. Alt? M

buseriana Schltr. & Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt ?–275 m. NC

calcarea (Adamson) Lammers
Lightfootia calcarea Adamson (12)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt 2–200 m. WC

caledonica Sond. = **W. undulata**

campanuloides (Delile) Vatke
Cervicina campanuloides Delile (7)
W. humifusa Markgr. (7)
Annual. Herb. Ht 0.05–0.15 m. Alt? N, NC

capensis (L.) A.DC.
Campanula capensis L. (2)
Annual. Herb. Ht 0.1–0.5 m. Alt 10–700 m. NC, WC

capillacea (L.f.) A.DC. subsp. **capillacea**
Campanula capillacea L.f. (7)
W. pinnata Compton var. *simplicifolia* Compton (7)
Perennial. Herb. Ht 0.15–0.5 m. Alt 60–2135 m. M, S, FS, KZN, L, WC, EC

capillaris (H.Buek) Lammers = **W. thulinii**

capillata Brehmer
Perennial. Herb. Ht 0.3–0.45 m. Alt 1900–2435 m. FS, KZN

capillifolia E.Mey. ex Brehmer
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–830 m. EC

cernua (Thunb.) A.DC.
Campanula cernua Thunb. (2)
W. ciliolata A.DC. (16)
Annual. Herb. Ht 0.15–0.7 m. Alt 100–2000 m. WC

ciliolata A.DC. = **W. cernua**

cinerea (L.f.) Lammers
Campanula cinerea L.f. (12)
Lightfootia albanensis Sond. (4)
Lightfootia cinerea (L.f.) Sond. (12)
Perennial. Shrublet. Ht 0.1–0.5 m. Alt 150–400 m. WC, EC

clavata Brehmer
Annual. Herb. Ht 0.15–0.25 m. Alt ?–830 m. EC

clavatula Brehmer
Annual. Herb. Ht 0.15–0.2 m. Alt? WC

claviculata E.Mey. = **W. exilis**

compacta Brehmer
Perennial. Herb. Ht 0.3–0.35 m. Alt? WC

congestifolia Brehmer
Annual. Herb. Ht 0.4–0.5 m. Alt 600–1150 m. KZN, L, EC

constricta Brehmer
Perennial. Herb. Ht 0.15–0.35 m. Alt 70–? m. WC

cooperi Brehmer
Annual. Herb. Ht 0.04–0.08 m. Alt? L, EC

cordata (Adamson) Lammers
Lightfootia cordata Adamson (12)
Perennial. Shrublet, herb. Ht 0.03–0.05 m. Alt 1830–2135 m. WC

costata A.DC.
Annual. Herb. Ht 0.05–0.15 m. Alt 270–1125 m. NC

cuspidata Brehmer
W. dentifera Brehmer (10)
W. furcata Brehmer (10)
Perennial. Herb. Ht 0.3–0.6 m. Alt 1220–2670 m. KZN, EC

debilis H.Buek
Annual. Herb. Ht 0.05–0.1 m. Alt? WC

decipiens A.DC.
Perennial. Herb. Ht 0.05–0.15 m. Alt 15–330 m. WC

densicaulis Brehmer
W. sabulosa Brehmer (5)
Annual. Herb. Ht 0.05–0.15 m. Alt ?–1100 m. N

dentata Brehmer
Perennial. Herb. Ht 0.15–0.35 m. Alt 835–1472 m. EC

denticulata (Burch.) A.DC. var. **denticulata**
Campanula denticulata Burch. (7)
Lightfootia denticulata (Burch.) Sond. var. *denticulata* (7)
Lightfootia dinteri Engl. ex Dinter (7)
Lightfootia intricata Dinter & Markgr. (5)
Perennial. Herb. Ht 0.1–0.25 m. Alt 505–1950 m. N, B, LIM, NW, G, M, FS, L, NC, EC

denticulata (Burch.) A.DC. var. **transvaalensis** (Adamson) W.G.Welman
Lightfootia denticulata (Burch.) Sond. var. *transvaalensis* Adamson (13)
Perennial. Herb. Ht 0.15–0.45 m. Alt 370–1555 m. LIM, NW, G, M, FS, KZN, NC, EC

dentifera Brehmer = **W. cuspidata**

denudata A.DC.
Annual. Herb. Ht 0.15–0.3 m. Alt 830–2150 m. KZN, EC

depressa J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.1–0.2 m. Alt 1500–2000 m. G, FS, L

depressa Wolley-Dod = **Treichelia longebracteata**

desmantha Lammers
Campanula fasciculata L.f. (12)
Lightfootia fasciculata (L.f.) A.DC. (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *fasciculata* (L.f.) Sond. (12)
Perennial. Shrublet. Ht 0.2–0.8 m. Alt 185–485 m. WC

dichotoma A.DC.
W. parviflora A.DC. (2)
Annual. Herb. Ht 0.08–0.3 m. Alt? WC

dieterlenii (E.Phillips) Lammers
Lightfootia caledonica Sond. (12)
Lightfootia dieterlenii E.Phillips (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 1675–2000 m. NW, G, FS, L

dilatata Brehmer
Annual. Herb. Ht 0.05–0.07 m. Alt ?–700 m. EC

dinteri Brehmer = **W. undulata**

distincta Brehmer
Annual. Herb. Ht 0.2–0.3 m. Alt ?–150 m. WC

divergens A.DC.
Annual. Herb. Ht 0.05–0.15 m. Alt 365–1135 m. NC

doleritica Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.04–0.15 m. Alt ?–2735 m. KZN

dregeana A.DC. = **W. ecklonii**

dunantii A.DC.
Annual. Herb. Ht 0.05–0.1 m. Alt? WC

ecklonii H.Buek
W. dregeana A.DC. (2)
W. macra Schltr. & Brehmer (16)
W. swellendamensis H.Buek (16)
W. turbinata A.DC. (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 5–3350 m. NC, WC, EC

effusa (Adamson) Lammers
Lightfootia effusa Adamson (12)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC

epacridea Sond.
Perennial. Herb. Ht 0.1–0.5 m. Alt 1370–2200 m. M, S, KZN

erophiloides Markgr.
W. pavida Launert (5)
Annual. Herb. Ht 0.03–0.15 m. Alt? N

exilis A.DC.
W. claviculata E.Mey. (2)
Annual. Herb. Ht 0.05–0.25 m. Alt 30–765 m. WC

fasciculata Brehmer
Perennial. Herb. Ht 0.15–0.35 m. Alt 1385–2500 m. FS, KZN, L, EC

filicaulis R.D.Good = **Prismatocarpus sessilis** var. **sessilis**

filipes Brehmer
Annual. Herb. Ht 0.1–0.15 m. Alt ?–800 m. NC

fistulosa Brehmer
Annual. Herb. Ht 0.2–0.45 m. Alt? KZN

floribunda Schltr. & Brehmer
Annual. Herb. Ht 0.05–0.15 m. Alt ?–530 m. NC

foliosa Brehmer = **W. banksiana**

fruticosa Brehmer
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt ?–500 m. WC

furcata Brehmer = **W. cuspidata**

galpiniae Schltr.
Perennial. Herb. Ht 0.2–0.5 m. Alt 2000–2170 m. EC

galpinii E.Phillips = **W. lobulata**

glandulifera Brehmer
Annual. Herb. Ht 0.2–0.7 m. Alt ?–700 m. KZN

glandulosa Brehmer = **W. androsacea**

gracilis E.Mey.
Annual. Herb. Ht 0.1–0.2 m. Alt 35–800 m. WC

gracillima S.Moore = **W. banksiana**

grandiflora Brehmer
Perennial. Herb. Ht 0.3–0.9 m. Alt 50–2000 m. LIM, KZN, EC

guthriei L.Bolus = **Theilera guthriei**

hirsuta (Edgew.) Tuyn
Cephalostigma hirsutum Edgew. (7)
Annual. Herb. Ht 0.04–0.3 m. Alt? N

hispidula (Thunb.) A.DC.
Campanula hispidula Thunb. (2)
Microcodon hispidulum (Thunb.) Sond. (16)
Annual. Herb. Ht 0.05–0.15 m. Alt 85–570 m. WC

humifusa Markgr. = **W. campanuloides**

huttonii (Sond.) Thulin
Lightfootia huttonii Sond. (7)
Perennial. Herb. Ht 0.1–0.45 m. Alt 30–2285 m. LIM, M, S, KZN, EC

ingrata A.DC.
Annual. Herb. Ht 0.05–0.1 m. Alt 400–530 m. NC

inhambanensis Klotzsch = **W. androsacea**

intricatissima Dinter ex Range = **W. patula**

juncea (H.Buek) Lammers
Lightfootia juncea (H.Buek) Sond. (12)
Prismatocarpus junceus H.Buek (12)
Perennial. Herb. Ht 0.2–0.5 m. Alt 700–1830 m. EC

kowiensis R.A.Dyer
Annual. Herb. Ht 0.1–0.2 m. Alt 35–200 m. EC

krebsii Cham. subsp. **krebsii**
W. zeyheri H.Buek (7)
Perennial. Herb. Ht 0.2–1 m. Alt 100–3200 m. LIM, M, S, FS, KZN, L, EC

lasiocarpa Schltr. & Brehmer
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–530 m. NC

lateralis Brehmer = **W. ramosissima** subsp. **lateralis**

laxiflora (Sond.) Lammers
Lightfootia laxiflora Sond. (12)
Perennial. Herb. Ht 0.2–0.6 m. Alt ?–1535 m. EC

levynsiae Lammers
Lightfootia squarrosa Adamson (12)
Perennial. Shrublet. Ht 0.25–0.35 m. Alt ?–200 m. WC

littoralis Schltr. & Brehmer = **W. orae**

lobata Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt? WC

lobulata Brehmer
W. galpinii E.Phillips (9)
W. monotropa Killick (9)
Annual. Herb. Ht 0.05–0.15 m. Alt 2275–3240 m. KZN, L, EC

longifolia (A.DC.) Lammers var. **corymbosa** (Adamson) W.G.Welman
Lightfootia erecta R.D.Good in part (4)
Lightfootia longifolia A.DC. var. *corymbosa* Adamson (13)
Lightfootia longifolia A.DC. var. *oppositifolia* Sond. (4)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC

longifolia (A.DC.) Lammers var. **longifolia**
Lightfootia erecta R.D.Good in part (4)
Lightfootia longifolia A.DC. var. *longifolia* (12)
Perennial. Shrublet. Ht 0.15–0.4 m. Alt 30–230 m. WC

longisepala Brehmer
Perennial. Herb. Ht 0.05–0.15 m. Alt 20–300 m. WC

longisquamifolia Brehmer
Annual. Herb. Ht 0.2–0.3 m. Alt? EC

lycopodioides Schltr. & Brehmer
Perennial. Herb. Ht 0.05–0.25 m. Alt 915–2300 m. LIM, NW, G, M, FS, KZN, L, EC

macra Schltr. & Brehmer = **W. ecklonii**

macrostachys (A.DC.) Lammers
Lightfootia macrostachys A.DC. (12)
Lightfootia spicata H.Buek (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 870–1670 m. WC

maculata Brehmer
Annual. Herb. Ht 0.2–0.4 m. Alt 30–2000 m. WC

madagascariensis A.DC.
W. oppositifolia DC. (7)
Annual. Herb. Length 0.15–0.3 m. Alt 10–1830 m. LIM, M, S, KZN, EC

magaliesbergensis Lammers
Lightfootia paniculata Sond. (12)
Perennial. Shrublet. Ht 0.2–0.4 m. Alt 1220–2195 m. LIM, NW, G, M

massonii A.DC.
Annual. Herb. Ht 0.1–0.2 m. Alt? WC

meyeri A.DC.
Annual. Herb. Ht 0.05–0.2 m. Alt 630–750 m. NC, WC

microphylla (Adamson) Lammers
Lightfootia microphylla Adamson (12)
Perennial. Shrublet. Ht 0.15–0.25 m. Alt? WC

minuta Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt? NC, WC

mollis Brehmer
Annual, occ. perennial. Herb. Ht 0.1–0.2 m. Alt ?–500 m. WC

monotropa Killick = **W. lobulata**

montana A.DC. var. *angustisepala* Brehmer = **Craterocapsa tarsodes**

montana A.DC. var. *glabrata* Sond. = **Craterocapsa tarsodes**

montana A.DC. var. *montana* = **Craterocapsa montana**

multiflora Conrath = **W. banksiana**

namaquana Sond.
Annual. Herb. Ht 0.15–0.35 m. Alt? NC

nana Brehmer
Annual. Herb. Ht 0.15–0.25 m. Alt ?–1400 m. N, FS

napiformis (A.DC.) Thulin
Lightfootia glomerata Engl. (7)
Lightfootia marginata A.DC. (7)
Lightfootia napiformis A.DC. (7)
Perennial. Herb. Ht 0.3–0.8 m. Alt ?–1000 m. N, B

neorigida Lammers
Lightfootia rigida Adamson (12)
Perennial. Shrublet. Ht 0.3–0.6 m. Alt 130–1675 m. WC, EC

neostricta Lammers
Lightfootia stricta Adamson (12)
Perennial. Shrublet. Ht 0.15–0.4 m. Alt? WC

nodosa (H.Buek) Lammers
Lightfootia nodosa H.Buek (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *microphylla* Sond. (12)
Perennial. Shrublet. Ht 0.2–0.45 m. Alt 40–1830 m. FS, NC, WC, EC

nudicaulis A.DC. = **W. androsacea**

obovata Brehmer
Annual. Herb. Ht 0.3–0.5 m. Alt 15–870 m. WC

okavangensis N.E.Br. = **W. banksiana**

oligantha Lammers
Lightfootia pauciflora Adamson (12)
Perennial. Shrublet. Ht 0.2–0.45 m. Alt 160–? m. WC

oligotricha Schltr. & Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt ?–870 m. NC, WC

oocarpa Sond.
Annual. Herb. Ht 0.1–0.15 m. Alt? EC

oppositifolia DC. = **W. madagascariensis**

orae Lammers
W. littoralis Schltr. & Brehmer (17)
Perennial. Herb. Ht 0.15–0.3 m. Alt 35–70 m. EC

ovalis Brehmer = **Craterocapsa insizwae**

oxyphylla A.DC.
W. steingroeveri Engl. (5)
Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt 170–1600 m. N, NC, WC

pallidiflora Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.3–0.5 m. Alt 1670–2170 m. KZN

paniculata (Thunb.) A.DC.
Campanula paniculata Thunb. (2)
Annual. Herb. Ht 0.05–0.15 m. Alt 20–1500 m. NW, G, FS, L, NC, WC

parviflora A.DC. = **W. dichotoma**

parvifolia (P.J.Bergius) Lammers
Lightfootia oxycoccoides L'Hér. (4)
Lightfootia parvifolia (P.J.Bergius) Adamson (12)
Lobelia parvifolia P.J.Bergius (4)
Perennial. Shrublet. Ht 0.15–0.45 m. Alt 60–1675 m. WC

patula A.DC.
W. intricatissima Dinter ex Range (5)
Annual. Herb. Ht 0.15–0.5 m. Alt 80–1300 m. N, NC

paucidentata Schinz
Perennial. Herb. Ht 0.3–0.6 m. Alt 1045–2400 m. KZN, L, EC

pauciflora A.DC.
Annual. Herb. Ht 0.2–0.3 m. Alt ?–1175 m. NC

pavida Launert = **W. erophiloides**

perennis Brehmer = **W. androsacea**

pilosa A.DC. = **W. polyclada**

pilosa H.Buek
Annual. Herb. Ht 0.05–0.15 m. Alt 100–500 m. WC

pinifolia N.E.Br.
Perennial. Herb. Ht 0.05–0.15 m. Alt 1600–2000 m. KZN

pinnata Compton
Perennial. Herb. Ht 0.2–0.5 m. Alt 1065–1525 m. S, KZN

pinnata Compton var. *simplicifolia* Compton = **W. capillacea** subsp. **capillacea**

polyantha Lammers
Lightfootia multiflora Adamson (12)
Perennial. Shrublet. Ht 0.2–0.3 m. Alt 45–335 m. WC

polychotoma Brehmer = **W. undulata**

polyclada A.DC.
W. pilosa A.DC. (2)
Annual. Herb. Ht 0.05–0.15 m. Alt? WC

polytrichifolia Schltr. subsp. **dracomontana** Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.03–0.12 m. Alt 2300–3665 m. KZN, L, EC

polytrichifolia Schltr. subsp. **polytrichifolia**
Perennial. Herb. Ht 0.03–0.12 m. Alt ?–2200 m. EC

procumbens (Thunb.) A.DC.
Campanula procumbens Thunb. (2)
Perennial. Herb. Length 0.05–0.4 m. Alt 5–1830 m. WC, EC

prostrata A.DC.
Annual. Herb. Ht 0.05–0.15 m. Alt 130–1100 m. N, NC

psammophila Schltr.
Annual. Herb. Ht 0.05–0.1 m. Alt 270–800 m. N, NC

pseudoandrosacea Brehmer
Annual. Herb. Ht 0.2–0.4 m. Alt? WC, EC

pseudoinhambanensis Brehmer
Perennial. Herb. Ht 0.4–0.5 m. Alt ?–900 m. EC

pseudonudicaulis Brehmer
Annual. Herb. Ht 0.2–0.3 m. Alt ?–600 m. EC

pulvillus-gigantis Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.1–0.2 m. Alt 2180–2920 m. KZN, L

pyrophila Lammers
Lightfootia tenuis Adamson (12)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC

ramifera Brehmer
Annual. Herb. Ht 0.15–0.25 m. Alt? WC

ramosissima (Hemsl.) Thulin subsp. **lateralis** (Brehmer) Thulin
Cephalostigma pyramidale Schinz (7)
W. lateralis Brehmer (7)
Annual. Herb. Ht 0.1–0.4 m. Alt 835–1100 m. N, B

ramulosa E.Mey.
Annual. Herb. Ht 0.05–0.1 m. Alt 300–435 m. WC

rara Schltr. & Brehmer
Annual. Herb. Ht 0.15–0.2 m. Alt ?–275 m. NC

rhytidosperma Thulin
Perennial. Herb. Ht 0.05–0.15 m. Alt 1200–2150 m. LIM, M

riversdalensis Lammers
Lightfootia planifolia Adamson (12)
Perennial. Herb. Ht 0.2–0.4 m. Alt 270–370 m. WC

rivularis Diels
W. tysonii Zahlbr. (2)
Perennial. Herb. Ht 0.4–0.6 m. Alt 800–3050 m. M, FS, KZN, EC

robusta Sond.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 200–1270 m. WC, EC

roelliflora Schltr. & Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt ?–530 m. NC

rosulata Brehmer = **W. androsacea**

rotundifolia Brehmer = **W. brehmeri**

rubens (H.Buek) Lammers var. **brachyphylla** (Adamson) W.G.Welman
Lightfootia rubens H.Buek var. *brachyphylla* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt ?–170 m. WC

rubens (H.Buek) Lammers var. **rubens**
Lightfootia angustifolia A.DC. (4)
Lightfootia rubens H.Buek var. *rubens* (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 45–1000 m. WC, EC

rubioides (Banks ex A.DC.) Lammers var. **rubioides**
Lightfootia rubioides Banks ex A.DC. var. *rubioides* (12)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt 10–1830 m. WC

rubioides (Banks ex A.DC.) Lammers var. **stokoei** (Adamson) W.G.Welman
Lightfootia rubioides Banks ex A.DC. var. *stokoei* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.4 m. Alt? WC

sabulosa Brehmer = **W. densicaulis**

saxifragoides Brehmer
Perennial. Herb. Length 0.05–0.4 m. Alt 35–? m. WC

schistacea Brehmer
Annual. Herb. Ht 0.1–0.4 m. Alt 650–700 m. WC

schlechteri Brehmer
Annual. Herb. Ht 0.1–0.4 m. Alt ?–650 m. NC

scoparia Brehmer = **W. undulata**

scopella Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt? WC

serpentina Brehmer
Annual. Herb. Ht 0.25–0.35 m. Alt? WC

sessiliflora Brehmer
Annual. Herb. Ht 0.05–0.15 m. Alt? WC

sonderi Lammers
Lightfootia namaquana Sond. (12)
Annual. Herb. Ht 0.1–0.3 m. Alt ?–270 m. NC, WC

sphaerica Brehmer
Annual. Herb. Ht 0.1–0.3 m. Alt? WC

squamifolia Brehmer
Perennial. Herb. Ht 0.15–0.45 m. Alt 910–2420 m. LIM, G, M, S, FS, KZN

squarrosa Brehmer
Annual. Herb. Ht 0.05–0.2 m. Alt ?–800 m. NC

steingroeveri Engl. = **W. oxyphylla**

stellarioides Cham. & Schltdl.
Annual. Herb. Ht 0.1–0.3 m. Alt 15–1670 m. KZN, EC

subfusiformis Brehmer
Annual. Herb. Ht 0.2–0.25 m. Alt? LIM

subnuda Conrath = **W. virgata**

subpilosa Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt? WC

subrosulata Brehmer
Annual. Herb. Ht 0.1–0.5 m. Alt 130–1000 m. N, NC

subtilis Brehmer
Annual. Herb. Ht 0.2–0.25 m. Alt? WC

subulata (L'Hér.) Lammers var. **congesta** (Adamson) W.G.Welman
Lightfootia subulata L'Hér. var. *congesta* Adamson (13)
Perennial. Herb. Ht 0.05–0.15 m. Alt? WC

subulata (L'Hér.) Lammers var. **subulata**
Campanula sessiliflora L.f. (12)
Lightfootia fruticosa Druce (4)
Lightfootia sessiliflora (L.f.) Sond. (12)
Lightfootia subulata L'Hér. var. *subulata* (12)
Perennial. Herb. Ht 0.1–0.3 m. Alt 25–610 m. WC

subulata (L'Hér.) Lammers var. **tenuifolia** (Adamson) W.G.Welman
Lightfootia subulata L'Hér. var. *tenuifolia* Adamson (17)
Perennial. Herb. Ht 0.1–0.3 m. Alt 500–1000 m. WC

subumbellata Markgr.
Annual. Herb. Ht 0.05–0.1 m. Alt? N, NC

swellendamensis H.Buek = **W. ecklonii**

tenella (L.f.) Lammers var. **palustris** (Adamson) W.G.Welman
Lightfootia diffusa H.Buek var. *palustris* Adamson (13)
Perennial. Shrublet. Ht 0.15–0.8 m. Alt 100–530 m. WC

tenella (L.f.) Lammers var. **stokoei** (Adamson) W.G.Welman
Lightfootia diffusa H.Buek var. *stokoei* Adamson (13)
Perennial. Shrublet. Ht 0.1–0.4 m. Alt? WC

tenella (L.f.) Lammers var. **tenella**
Campanula tenella L.f. (12)
Lightfootia diffusa H.Buek var. *diffusa* (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. (12)
Perennial. Shrublet. Ht 0.15–0.8 m. Alt 15–1220 m. WC, EC

tenerrima (H.Buek) Lammers var. **montana** (Adamson) W.G.Welman
Lightfootia tenella Lodd. var. *montana* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt ?–955 m. WC

tenerrima (H.Buek) Lammers var. **tenerrima**
Lightfootia tenella Lodd. var. *tenella* (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *tenerrima* (H.Buek) Sond. (12)
Lightfootia tenerrima H.Buek (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 75–2000 m. WC, EC

tenuis A.DC.
Annual. Herb. Ht 0.03–0.07 m. Alt? B, NC

tetramera Thulin
Annual or perennial. Herb. Ht 0.05–0.15 m. Alt 2100–2200 m. KZN

thulinii Lammers
Lightfootia capillaris H.Buek (17)
Lightfootia oppositifolia A.DC. (17)
W. capillaris (H.Buek) Lammers (17)
Perennial. Shrublet, herb. Ht 0.1–0.3 m. Alt 1170–1335 m. WC

thunbergiana (H.Buek) Lammers
Lightfootia anomala A.DC. (4)
Lightfootia thunbergiana H.Buek (12)
Perennial. Shrublet. Ht 0.2–1 m. Alt 245–1265 m. N, NC, WC

tomentosula Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt ?–275 m. WC

tortilis Brehmer
Annual. Herb. Ht 0.3–0.4 m. Alt ?–1700 m. M

transvaalensis Brehmer
Annual. Herb. Ht 0.25–0.35 m. Alt? M

tumida Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt 130–700 m. NC, WC

turbinata A.DC. = **W. ecklonii**

tysonii Zahlbr. = **W. rivularis**

uitenhagensis (H.Buek) Lammers var. **debilis** (Sond.) W.G.Welman
Lightfootia ciliata (Thunb.) Sond. var. *debilis* Sond. (4)
Lightfootia divaricata H.Buek var. *debilis* (Sond.) Adamson (14)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt 10–90 m. WC, EC

uitenhagensis (H.Buek) Lammers var. **filifolia** (Adamson) W.G.Welman
Lightfootia buekii Sond. (4)
Lightfootia divaricata H.Buek var. *filifolia* Adamson (13)
Lightfootia laricina H.Buek in part (4)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 170–270 m. EC

uitenhagensis (H.Buek) Lammers var. **uitenhagensis**
Lightfootia ciliata (Thunb.) Sond. var. *ciliata* (4)
Lightfootia divaricata H.Buek var. *divaricata* (12)
Lightfootia uitenhagensis H.Buek (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 5–655 m. KZN?, WC, EC

umbellata (Adamson) Lammers
Lightfootia umbellata Adamson (12)
Perennial. Shrublet. Ht 0.3–0.5 m. Alt ?–70 m. WC

undulata (L.f.) A.DC.
Campanula undulata L.f. (7)
W. caledonica Sond. (7)
W. dinteri Brehmer (7)
W. polychotoma Brehmer (16)
W. scoparia Brehmer (7)
Perennial. Herb. Ht 0.15–1 m. Alt 5–3200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

unidentata (L.f.) Lammers
Campanula unidentata L.f. (12)
Lightfootia lycopodioides A.DC. (16)
Lightfootia unidentata (L.f.) A.DC. (12)
Perennial. Shrublet. Ht 0.15–0.4 m. Alt 210–670 m. WC, EC

virgata Engl.
W. subnuda Conrath (2)
Perennial. Herb. Ht 0.2–0.7 m. Alt 425–2200 m. LIM, G, M, S, FS, KZN, L

virgulta Brehmer
Annual. Herb. Ht 0.15–0.2 m. Alt 700–725 m. EC

wyleyana Sond.
Annual. Herb. Ht 0.2–0.5 m. Alt? NC

zeyheri H.Buek = **W. krebsii** subsp. **krebsii**

CANELLACEAE

Compiled by C.L. Bredenkamp

WARBURGIA Engl. 5256000

(1) Codd. 1976. *FSA* 22: 40, 41.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 46.

breyeri Pott = **W. salutaris**

salutaris (Bertol.f.) Chiov.
W. breyeri Pott (1)
Perennial. Tree, shrub. Ht 2.5–10 m. Alt 5–1757 m. LIM, M, KZN

*CANNABACEAE

Compiled by M. Jordaan

*CANNABIS L. 1973000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 70, 71.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 10–13.
(3) Wilmot-Dear. 1999. *Bothalia* 29: 249–252.

sativa L. var. **indica** (Lam.) Wehmer
Annual. Herb. Ht 0.5–1 m. Alt? M

sativa L. var. **sativa**
Annual. Herb. Ht 1–2 m. Alt 10–2000 m. B, LIM, NW, G, M, KZN, L, WC, EC

sativa L. var. **spontanea** Vavilov
Annual. Herb. Ht 0.2–0.6 m. Alt 800–1500 m. NC

CAPPARACEAE

Compiled by M. Jordaan

BACHMANNIA Pax 3097000

(1) Killick. 1970. *FSA* 13: 142, 143.

woodii (Oliv.) Gilg
Maerua woodii (Oliv.) T.Durand & Schinz (1)
Niebuhria woodii Oliv. (1)
Perennial. Tree, shrub or climber. Ht 1–3 m. Alt 15–300 m. KZN, EC

BOSCIA Lam. 3106000

(1) Wild. 1960. *FZ* 1: 229–235.
(2) Tölken. 1970. *FSA* 13: 150–159.
(3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 44–52.
(4) Lötter. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 118–132.

albitrunca (Burch.) Gilg & Gilg-Ben.
B. pechuellii Kuntze (1)
B. transvaalensis Pestal. (2)
Capparis albitrunca Burch. (1)
Capparis oleoides in sense of Marloth, misapplied name (2)
Capparis punctata Burch. (2)
Perennial. Tree or shrub. Ht 1–9 m. Alt 5–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

angustifolia A.Rich. var. **corymbosa** (Gilg) DeWolf
B. corymbosa Gilg (2)
Perennial. Tree. Ht 3–8 m. Alt 520–1600 m. B, LIM

angustifolia in sense of Harv., misapplied name = **Maerua gilgii**

caffra Sond. = **Maerua racemulosa**

corymbosa Gilg = **B. angustifolia** var. **corymbosa**

filipes Gilg = **B. foetida** subsp. **filipes**

foetida Schinz subsp. **filipes** (Gilg) Lötter
B. flipes Gilg (4)
Perennial. Shrub. Ht 0.5–4 m. Alt 50–300 m. LIM, S, KZN

foetida Schinz subsp. **foetida**
B. rautanenii Schinz (2)
Perennial. Tree or shrub. Ht 0.5–6 m. Alt 500–1370 m. N, NC

foetida Schinz subsp. **longipedicellata** (Gilg) Tölken
B. longipedicellata Gilg (2)
Perennial. Tree. Ht 3–4 m. Alt 365–1168 m. KZN

foetida Schinz subsp. **minima** Tölken
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 847–1300 m. B, LIM, NW, G

foetida Schinz subsp. **rehmanniana** (Pestal.) Tölken
B. rehmanniana Pestal. (2)
Perennial. Tree. Ht 1–10 m. Alt 800–1400 m. B, LIM, NW, G, M

longipedicellata Gilg = **B. foetida** subsp. **longipedicellata**

matabelensis Pestal.
Perennial. Shrub. Ht 0.5–2 m. Alt? B

microphylla Oliv.
Perennial. Tree or shrub. Ht 0.6–4 m. Alt? N

mossambicensis Klotzsch
B. welwitschii Gilg (2)
Perennial. Tree or shrub. Ht 0.6–5 m. Alt 305–1200 m. N, B, LIM, M

oleoides (Burch. ex DC.) Tölken
Capparis clutiaefolia Burch. ex DC. (2)
Capparis oleoides Burch. ex DC. (2)
Perennial. Tree. Ht 2–4 m. Alt 230–1220 m. EC

pechuellii Kuntze = **B. albitrunca**

polyantha in sense of Roessler, misapplied name = **B. tomentosa**

rautanenii Schinz = **B. foetida** subsp. **foetida**

rehmanniana Pestal. = **B. foetida** subsp. **rehmanniana**

salicifolia Oliv.
Perennial. Tree. Ht 3–15 m. Alt? N, B

tomentosa Tölken
B. polyantha in sense of Roessler, misapplied name (2)
Perennial. Tree or shrub. Ht 3–6 m. Alt up to 500 m. N

transvaalensis Pestal. = **B. albitrunca**

welwitschii Gilg = **B. mossambicensis**

CADABA Forssk. 3109000

(1) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 656.
(2) Marsh. 1970. *FSA* 13: 171–175.

aphylla (Thunb.) Wild
C. juncea (Sparrm.) Harv. ex Hook.f., illegitimate name (2)
Perennial. Tree or shrub. Ht 1–3 m. Alt 20–1800 m. N, B, LIM, NW, FS, NC, WC, EC

juncea (Sparrm.) Harv. ex Hook.f., illegitimate name = **C. aphylla**

natalensis Sond.
Perennial. Tree or shrub. Ht 1–4 m. Alt 12–1400 m. LIM, M, S, KZN, EC

schroeppelii Suess. ex Suess. & Merxm.
Perennial. Shrub. Ht 1.6–3 m. Alt? N

termitaria N.E.Br.
Perennial. Shrub. Ht 1.5–3 m. Alt 275–1310 m. B, LIM, NW, M

CAPPARIS L. 3101000

(1) Tölken. 1970. *FSA* 13: 144–150.
(2) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 53–62.

albitrunca Burch. = **Boscia albitrunca**

brassii DC.
C. gueinzii Sond. (1)
C. thonningii Schumach. (1)
Perennial. Climber or scrambler. Ht 0.3–5 m. Alt 15–460 m. KZN, EC

citrifolia Lam. = **C. sepiaria** var. **citrifolia**

clutiaefolia Burch. ex DC. = **Boscia oleoides**

corymbifera E.Mey. ex Sond. = **C. tomentosa**

fascicularis DC. var. **fascicularis**
C. flanaganii Gilg & Gilg-Ben. (1)
C. rudatisii Gilg & Gilg-Ben. (1)
C. transvaalensis Schinz (1)
C. transvaalensis Schinz var. *calvescens* (Gilg & Gilg-Ben.) Marais (1)
Perennial. Climber or scrambler. Ht variable. Alt 5–1550 m. LIM, M, S, KZN, EC

fascicularis DC. var. **zeyheri** (Turcz.) Tölken
C. zeyheri Turcz. (1)
Perennial. Climber or scrambler. Ht variable. Alt 30–1100 m. KZN, EC

flanaganii Gilg & Gilg-Ben. = **C. fascicularis** var. **fascicularis**

gueinzii Sond. = **C. brassii**

hereroensis Schinz
Perennial. Shrub. Ht 0.5–2 m. Alt 4–30 m. N

oleoides Burch. ex DC. = **Boscia oleoides**

oleoides in sense of Marloth, misapplied name = **Boscia albitrunca**

punctata Burch. = **Boscia albitrunca**

rudatisii Gilg & Gilg-Ben. = **C. fascicularis** var. **fascicularis**

sepiaria L. var. **citrifolia** (Lam.) Tölken
C. citrifolia Lam. (1)
C. volkamerae in sense of DC., misapplied name (1)
Perennial. Shrub, climber or scrambler. Ht variable. Alt 5–1220 m. S, KZN, WC, EC

sepiaria L. var. **subglabra** (Oliv.) DeWolf
C. subglabra (Oliv.) Gilg & Gilg-Ben. (1)
Perennial. Climber or scrambler. Ht 2–6 m. Alt 150–1435 m. LIM

subglabra (Oliv.) Gilg & Gilg-Ben. = **C. sepiaria** var. **subglabra**

thonningii Schumach. = **C. brassii**

tomentosa Lam.
C. corymbifera E.Mey. ex Sond. (1)
Perennial. Tree, shrub, climber or scrambler. Ht 1–15 m. Alt 15–1980 m. N, B, LIM, M, S, KZN, EC

transvaalensis Schinz = **C. fascicularis** var. **fascicularis**

transvaalensis Schinz var. *calvescens* (Gilg & Gilg-Ben.) Marais = **C. fascicularis** var. **fascicularis**

volkamerae in sense of DC., misapplied name = **C. sepiaria** var. **citrifolia**

zeyheri Turcz. = **C. fascicularis** var. **zeyheri**

CLADOSTEMON A.Braun & Vatke 3099000

(1) Killick. 1970. *FSA* 13: 140–142.
(2) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 18–20.
(3) Williams. 1993. *The Flowering Plants of Africa* 52: t. 2079.

kirkii (Oliv.) Pax & Gilg
Euadenia kirkii Oliv. (1)
Perennial. Tree or shrub. Ht 1–7 m. Alt 15–245 m. S, KZN

CLEOME L. 3082000

(1) Story. 1961. *The Flowering Plants of Africa* 34: t. 1330.
(2) Codd & Kers. 1970. *FSA* 13: 119–140.
(3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 2–14.

angustifolia Forssk. subsp. **diandra** (Burch.) Kers
C. angustifolia Forssk. subsp. *diandra* (Burch.) Kers var. *namaquensis* Kers (2)
C. diandra Burch. (2)
Dianthera burchelliana Klotzsch ex Sond. (2)
Polanisia diandra (Burch.) T.Durand & Schinz in part (2)
Polanisia dianthera DC. (2)
Perennial. Herb. Ht 0.3–0.8 m. Alt? N, NW, FS, NC

angustifolia Forssk. subsp. *diandra* (Burch.) Kers var. *namaquensis* Kers = **C. angustifolia** subsp. **diandra**

angustifolia Forssk. subsp. **petersiana** (Klotzsch ex Sond.) Kers
C. diandra in sense of many authors, not of Burch., misapplied name (2)
Dianthera petersiana (Klotzsch ex Sond.) Pax (2)
Perennial. Herb. Ht 0.5–1.2 m. Alt? N, B, LIM, NW, M, S, KZN

bicolor (Pax) Gilg = **C. oxyphylla** var. **oxyphylla**

bororensis (Klotzsch) Oliv.
Annual. Herb. Ht 0.3–0.5 m. Alt 0–300 m. KZN

breyeri Burtt Davy = **C. oxyphylla** var. **oxyphylla**

capensis L. = **Heliophila subulata**

carnosa (Pax) Gilg & Gilg-Ben.
Annual. Herb. Ht 0.08–0.25 m. Alt? N

confusa Dinter = **C. elegantissima**

conrathii Burtt Davy
Annual. Herb. Ht 0.1–0.3 m. Alt? NW, G, NC

diandra Burch. = **C. angustifolia** subsp. **diandra**

diandra in sense of many authors, not of Burch., misapplied name = **C. angustifolia** subsp. **petersiana**

elegantissima Briq.
C. confusa Dinter (2)
C. hirta in sense of Gilg & Gilg-Ben. in part, misapplied name (2)
Annual. Herb. Ht 0.15–0.5 m. Alt? N, B

foliosa Hook.f. var. **foliosa**
C. leuderitziana Schinz (2)
Annual, occ. perennial. Herb. Ht up to 1.2 m. Alt? N

foliosa Hook.f. var. **lutea** (Sond.) Codd & Kers
C. xanthopetala Briq. (2)
Polanisia lutea Sond. (2)
Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt? N, NC

foliosa Hook.f. var. **namibensis** (Kers) Codd
Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt? N

gynandra L.
Gynandropsis gynandra (L.) Briq. (2)
Gynandropsis pentaphylla (L.) Briq. (2)
Annual. Herb. Ht 0.25–0.6 m. Alt? N, B, LIM, NW, G, M, KZN, FS, NC

***hassleriana** Chodat
Annual. Herb. Ht up to 1.2 m. Alt? G, KZN

heterochoma Briq. = **C. oxyphylla** var. **oxyphylla**

hirta (Klotzsch) Oliv.
Perennial. Herb. Ht 0.5–1.8 m. Alt? N, B, LIM, G, M, S

hirta in sense of Gilg & Gilg-Ben. in part, misapplied name = **C. elegantissima**

iberidella Welw. ex Oliv.
Perennial. Herb. Ht up to 0.5 m. Alt? N, B

kalachariensis (Schinz) Gilg & Gilg-Ben.
C. sulfurea Bremek. & Oberm. (2)
Annual. Herb. Ht 0.2–0.75 m. Alt? N, B, LIM, NW, NC

laburnifolia Roessler
Annual. Herb. Ht 0.3–1.5 m. Alt? N

leuderitziana Schinz = **C. foliosa** var. **foliosa**

linearifolia (Stephens) Dinter = **C. semitetrandra**

macrophylla (Klotzsch) Briq. var. **macrophylla**
Annual. Herb. Ht 0.2–0.4 m. Alt? B, LIM, NW, G, M, S, KZN

maculata (Sond.) Szyszyl.
Polanisia maculata Sond. (2)
Tetratelia maculata (Sond.) Sond. (2)
Annual. Herb. Ht 0.12–0.3 m. Alt? B, LIM, NW, G, M, FS

minima Stephens = **Heliophila minima**

monophylla L.
Annual. Herb. Ht up to 0.5 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

oxyphylla Burch. var. **oxyphylla**
C. bicolor (Pax) Gilg (2)
C. breyeri Burtt Davy (2)
C. heterochoma Briq. (2)
Polanisia oxyphylla (Burch.) DC. (2)
Perennial. Herb. Ht 0.3–0.6 m. Alt? N, B, LIM, NW, G, NC

oxyphylla Burch. var. **robusta** Kers
Perennial. Herb. Ht 0.3–1 m. Alt? LIM

paxii (Schinz) Gilg & Gilg-Ben.
Annual. Herb. Ht 0.08–0.5 m. Alt? N, NC

rubella Burch.
C. rupestris Sond. (2)
Annual. Herb. Ht 0.12–0.4 m. Alt? N, B, LIM, NW, G, M, FS, NC

rupestris Sond. = **C. rubella**

schlechteri Briq.
Annual. Herb. Ht 0.1–0.25 m. Alt? M, KZN

semitetrandra Sond.
C. linearifolia (Stephens) Dinter (2)
Dianthera semitetrandra (Sond.) Klotzsch & Sond. (2)
Annual. Herb. Ht 0.06–0.6 m. Alt? N

suffruticosa Schinz
Perennial. Herb. Ht 0.2–0.6 m. Alt? N

sulfurea Bremek. & Oberm. = **C. kalachariensis**

virgata Thunb. = **Cycloptychis virgata**

xanthopetala Briq. = **C. foliosa** var. **lutea**

COURBONIA Brongn. 3108000

edulis Gilg & Gilg-Ben. = **Maerua edulis**

glauca (Klotzsch) Gilg & Gilg-Ben. = **Maerua edulis**

DIANTHERA Pax 3090000

burchelliana Klotzsch ex Sond. = **Cleome angustifolia** subsp. **diandra**

petersiana (Klotzsch ex Sond.) Pax = **Cleome angustifolia** subsp. **petersiana**

semitetrandra (Sond.) Klotzsch & Sond. = **Cleome semitetrandra**

EUADENIA Oliv. 3098000

kirkii Oliv. = **Cladostemon kirkii**

GYNANDROPSIS DC. 3087000

gynandra (L.) Briq. = **Cleome gynandra**

pentaphylla (L.) Briq. = **Cleome gynandra**

MAERUA Forssk. 3112000

(1) Wild. 1960. *FZ* 1: 216–229.
(2) DeWolf. 1962. *Kew Bulletin* 16: 75–83.
(3) Killick. 1970. *FSA* 13: 159–171.
(4) Killick. 1989. *The Flowering Plants of Africa* 50: t. 1988.

angolensis DC.
Perennial. Tree or shrub. Ht 3–10 m. Alt 5–1220 m. N, B, LIM, NW, M, S, KZN

angustifolia Schinz, illegitimate name = **M. juncea** subsp. **juncea**

brevipetiolata Killick
Perennial. Scrambling shrub. Ht 1.5–3 m. Alt 152–1000 m. S, KZN

cafra (DC.) Pax
M. triphylla (Thunb.) T.Durand & Schinz (3)
Niebuhria triphylla (Thunb.) H.L.Wendl. (3)
Perennial. Tree or shrub. Ht 1.5–9 m. Alt 12–1645 m. LIM, NW, G, M, S, KZN, EC

edulis (Gilg & Gilg-Ben.) DeWolf
Courbonia edulis Gilg & Gilg-Ben. (2)
Courbonia glauca (Klotzsch) Gilg & Gilg-Ben. (3)
Perennial. Shrub. Ht 0.45–1 m. Alt 30–1216 m. LIM, M, KZN

flagellaris (Oliv.) Gilg & Gilg-Ben. = **M. juncea** subsp. **juncea**

flagellaris (Oliv.) Gilg & Gilg-Ben. subsp. *crustata* Wild = **M. juncea** subsp. **crustata**

gilgii Schinz
Boscia angustifolia in sense of Harv., misapplied name (3)
Perennial. Tree or shrub. Ht 1–3 m. Alt 100–800 m. N, NC

guerichii Pax = **M. juncea** subsp. **juncea**

juncea Pax subsp. **crustata** (Wild) Wild
M. flagellaris (Oliv.) Gilg & Gilg-Ben. subsp. *crustata* Wild (1)
M. maschonica Gilg in part, as to specimen *Galpin 1063* (3)
Perennial. Shrub or climber. Ht 0.6–5 m. Alt 5–1370 m. B, LIM, G, M, S, KZN

juncea Pax subsp. **juncea**
M. angustifolia Schinz, illegitimate name (3)
M. flagellaris (Oliv.) Gilg & Gilg-Ben. (3)
M. guerichii Pax (3)
M. maschonica Gilg in part, as to specimen *Engler 3157* (3)
Perennial. Shrub or climber. Ht 0.9–3 m. Alt 440–945 m. N, B

legatii Burtt Davy = **M. parvifolia**

maschonica Gilg in part, as to specimen *Galpin 1063* = **M. juncea** subsp. **crustata**

maschonica Gilg in part, as to specimen *Engler 3157* = **M. juncea** subsp. **juncea**

nervosa (Hochst.) Oliv.
Niebuhria nervosa Hochst. (3)
Perennial. Tree or shrub. Ht 0.9–3 m. Alt 0–400 m. KZN

parvifolia Pax
M. legatii Burtt Davy (3)
Perennial. Shrub. Ht 0.4–3.5 m. Alt 152–1520 m. N, B, LIM, M, S

pedunculosa (Hochst.) Sim = **M. racemulosa**

racemulosa (A.DC.) Gilg & Gilg-Ben.
Boscia caffra Sond. (3)
M. pedunculosa (Hochst.) Sim (3)
Niebuhria pedunculosa Hochst. (3)
Perennial. Tree, shrub or climber. Ht 0.8–6 m. Alt 5–1100 m. S, KZN, WC, EC

rosmarinoides (Sond.) Gilg & Gilg-Ben.
Niebuhria rosmarinoides Sond. (3)
Perennial. Tree or shrub. Ht 0.5–5 m. Alt 3–2900 m. LIM, M, S, KZN, EC

schinzii Pax
Perennial. Tree. Ht 1.5–7 m. Alt 290–1500 m. N, NC

triphylla (Thunb.) T.Durand & Schinz = **M. cafra**

woodii (Oliv.) T.Durand & Schinz = **Bachmannia woodii**

NIEBUHRIA Oliv. 3112010

nervosa Hochst. = **Maerua nervosa**

pedunculosa Hochst. = **Maerua racemulosa**

rosmarinoides Sond. = **Maerua rosmarinoides**

triphylla (Thunb.) H.L.Wendl. = **Maerua cafra**

woodii Oliv. = **Bachmannia woodii**

POLANISIA Raf. 3090010

diandra (Burch.) T.Durand & Schinz = **Cleome angustifolia** subsp. **diandra**

dianthera DC. = **Cleome angustifolia** subsp. **diandra**

lutea Sond. = **Cleome foliosa** var. **lutea**

maculata Sond. = **Cleome maculata**

oxyphylla (Burch.) DC. = **Cleome oxyphylla** var. **oxyphylla**

TETRATELIA Sond. 3090020

maculata (Sond.) Sond. = **Cleome maculata**

THILACHIUM Lour. 3113000

(1) Wild. 1960. *FZ* 1: 213, 214.
(2) Killick. 1970. *FSA* 13: 175–177.
(3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 20, 21.

africanum Lour.
Perennial. Tree or shrub. Ht 1–5 m. Alt 5–434 m. LIM, M, S, KZN

*CAPRIFOLIACEAE

Compiled by W.G. Welman

***LONICERA** L. 8523000

(1) Li. 2000. *European garden flora* 6: 436–452.

bubalina L.f. = **Burchellia bubalina**

japonica Thunb.
Perennial. Climber. Ht 3–9 m. Alt 1000–1500 m. G, M, KZN

CARYOPHYLLACEAE

Compiled by T. Nkonki

***AGROSTEMMA** L. 2488000

(1) Chater. 1964. *Flora europaea* 1: 156, 157.
(2) Greuter. 1995. *Willdenowia* 25: 106, 107.

githago L. subsp. **githago**
Lychnis githago (L.) Scop. (1)
Annual. Herb. Ht 0.3–1 m. Alt? LIM, G, WC

ALSINE L. 2429010

prostrata Forssk. = **Polycarpon prostratum** var. **prostratum**

***ARENARIA** L. 2443000

(1) Chater & Halliday. 1964. *Flora europaea* 1: 116–123.

diffusa Elliott
Annual, biennial or perennial. Herb. Ht? Alt up to 1373 m. KZN

fendleri A.Gray
Annual, biennial or perennial. Herb. Ht? Alt? G

glandulosa Jacq. = **Spergularia media**

media L. = **Spergularia media**

CERASTIUM L. 2430000

(1) Möschl. 1951. *Memórias da Sociedade Broteriana* 7: 53.
(2) Wild. 1961. *FZ* 1: 346–349.
(3) Jalas *et al.* 1964. *Flora europaea* 1: 136–145.
(4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 165–167.

africanum (Hook.f.) Oliv. = **C. indicum**

arabidis E.Mey. ex Fenzl
C. dregeanum Fenzl (4)
Annual. Herb. Ht 0.05–0.3 m. Alt 245–3475 m. LIM, G, M, FS, KZN, L, EC

caespitosum Gilib. subsp. *triviale* (Link) Hiitonen = **C. fontanum** subsp. **triviale**

capense Sond.
Annual. Herb. Ht 0.03–0.45 m. Alt 5–2835 m. LIM, G, M, FS, KZN, L, NC, WC, EC

dichotomum L.
Annual. Herb. Ht 0.1–0.18 m. Alt up to 1450 m. WC

dregeanum Fenzl = **C. arabidis**

erectum (L.) Coss. & Germ. = **Moenchia erecta** subsp. **erecta**

fontanum Baumg. subsp. **triviale** (Link) Jalas
C. caespitosum Gilib. subsp. *triviale* (Link) Hiitonen (3)
C. holosteoides Fr. (3)
C. holosteoides Fr. subsp. *triviale* (Murb.) Möschl (1)
C. triviale Link (3)
C. vulgatum L. (3)
Perennial. Herb. Ht 0.05–0.5 m. Alt 1693–1891 m. FS, KZN, L

glomeratum Thuill.
Annual. Herb. Ht 0.05–0.15 m. Alt ?–671 m. KZN, WC

holosteoides Fr. = **C. fontanum** subsp. **triviale**

holosteoides Fr. subsp. *triviale* (Murb.) Möschl = **C. fontanum** subsp. **triviale**

indicum Wight & Arn.
C. africanum (Hook.f.) Oliv. (2)
C. indicum Wight & Arn. var. *ruwenzoriense* (F.N.Williams) Möschl (2)

Annual. Herb. Ht? Alt 1312–2225 m. LIM, FS, KZN, L, EC

indicum Wight & Arn. var. *ruwenzoriense* (F.N.Williams) Möschl = **C. indicum**

triviale Link = **C. fontanum** subsp. **triviale**

vulgatum L. = **C. fontanum** subsp. **triviale**

CORRIGIOLA L. 2469000

(1) Wild & Diniz. 1973. *Flora de Moçambique* 20: 3.

capensis Willd. subsp. **capensis**
C. telefiifolia in sense of Harv. & Sond., misapplied name (1)
Perennial. Herb. Ht 0.02–0.1 m. Alt 854–1021 m. NC, WC

litoralis L. forma *typica* Graebn. = **C. litoralis** subsp. **litoralis** var. **litoralis**

litoralis L. subsp. **litoralis** var. **litoralis**
C. litoralis L. forma *typica* Graebn. (1)
C. litoralis L. var. *purpurascens* Giraudias (1)
Annual. Herb. Ht 0.01–0.1 m. Alt 3–1982 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

litoralis L. subsp. **litoralis** var. **perennans** Chaudhri
Perennial. Herb. Ht up to 0.1 m. Alt 300–1372 m. N, LIM, G, WC

litoralis L. var. *purpurascens* Giraudias = **C. litoralis** subsp. **litoralis** var. **litoralis**

telefiifolia in sense of Harv. & Sond., misapplied name = **C. capensis** subsp. **capensis**

DIANTHUS L. 2502000

(1) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 626.
(2) Hooper. 1959. *Hooker's Icones Plantarum* 37: 17–58.

albens Aiton
D. incurvus Thunb. (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 15–1500 m. NC, WC

basuticus Burtt Davy subsp. **basuticus** var. **basuticus**
D. micropetalus Ser. var. *galpinii* Burtt Davy (2)
Perennial. Herb. Ht 0.08–0.4 m. Alt 1500–3050 m. G, M, FS, KZN, L, EC

basuticus Burtt Davy subsp. **basuticus** var. **grandiflorus** Hooper
Perennial. Herb. Ht 0.1–0.3 m. Alt 2500–3200 m. M, KZN, L

basuticus Burtt Davy subsp. **fourcadei** Hooper
Perennial. Herb. Ht 0.1–0.25 m. Alt 183–1509 m. WC

bolusii Burtt Davy
Perennial. Herb. Ht 0.1–0.5 m. Alt 92–1342 m. NC, WC

bolusii Burtt Davy × **D. caespitosus** Thunb.
Perennial. Herb. Ht 0.2–0.35 m. Alt up to 300 m. WC

burchellii Ser.
Perennial. Herb. Ht up to 0.15 m. Alt? B, NC

caespitosus Thunb. subsp. **caespitosus**
Perennial. Herb. Ht 0.1–0.4 m. Alt 100–2288 m. L, WC

caespitosus Thunb. subsp. **pectinatus** (E.Mey. ex Sond.) Hooper
D. crenatus in sense of Edwards, not of Thunb. (2)
D. pectinatus E.Mey. ex Sond. (2)
D. prostratus Jacq. (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 533–1350 m. WC

colensoi F.N.Williams = **D. zeyheri** subsp. **natalensis**

crenatus in sense of Edwards, not of Thunb. = **D. caespitosus** subsp. **pectinatus**

crenatus Thunb.
Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2100 m. KZN, WC, EC

holopetalus Turcz.
Perennial. Herb. Ht 0.2–0.45 m. Alt up to 153 m. WC

incurvus Thunb. = **D. albens**

kamisbergensis Sond.
Perennial. Herb. Ht 0.15–0.2 m. Alt up to 1530 m. NC

kirkii Burtt Davy = **D. mooiensis** subsp. **kirkii**

laingsburgensis Hooper
D. pearsonii Burtt Davy in part, as to *Schlechter 11392* (2)
Perennial. Herb. Ht 0.08–0.3 m. Alt 153–2161 m. NC, WC

mecistocalyx F.N.Williams = **D. zeyheri** subsp. **zeyheri**

micropetalus Ser.
Perennial. Herb. Ht 0.1–0.45 m. Alt 600–2200 m. B, NW, G, FS, NC, WC, EC

micropetalus Ser. var. *galpinii* Burtt Davy = **D. basuticus** subsp. **basuticus** var. **basuticus**

mooiensis F.N.Williams subsp. **kirkii** (Burtt Davy) Hooper
D. kirkii Burtt Davy (2)
Perennial. Herb. Ht 0.3–0.45 m. Alt 458–2135 m. NW, G, S, EC

mooiensis F.N.Williams subsp. **mooiensis** var. **dentatus** Burtt Davy
Perennial. Herb. Ht up to 0.4 m. Alt 300–2227 m. M, EC

mooiensis F.N.Williams subsp. **mooiensis** var. **mooiensis**
D. nelsonii F.N.Williams (2)
Perennial. Herb. Ht 0.4–0.6 m. Alt 168–2060 m. NW, G, M, KZN

namaensis Schinz var. **dinteri** (Schinz) Hooper
Perennial. Herb. Ht ?–0.6 m. Alt up to 1007 m. N, NC, WC, EC

namaensis Schinz var. **junceus** (Burtt Davy) Hooper
Perennial. Herb. Ht 0.1–1 m. Alt up to 760 m. NC

namaensis Schinz var. **namaensis**
D. pearsonii Burtt Davy in part, as to *Pearson 7856* (2)
Perennial. Herb. Ht 0.06–0.4 m. Alt 200–2336 m. N, NC

nelsonii F.N.Williams = **D. mooiensis** subsp. **mooiensis** var. **mooiensis**

pearsonii Burtt Davy in part, as to *Schlechter 11392* = **D. laingsburgensis**

pearsonii Burtt Davy in part, as to *Pearson 7856* = **D. namaensis** var. **namaensis**

pectinatus E.Mey. ex Sond. = **D. caespitosus** subsp. **pectinatus**

prolifer L. = **Petrorhagia prolifera**

prostratus Jacq. = **D. caespitosus** subsp. **pectinatus**

prostratus of author, not of Jacq., concept invalid = **D. zeyheri** subsp. **natalensis**

scaber Thunb. = **D. thunbergii** forma **thunbergii**

scaber Thunb. var. *graminifolius* Fenzl ex Szyszyl. = **D. transvaalensis**

serpae Ficalho & Hiern = **D. zeyheri** subsp. **zeyheri**

thunbergii Hooper forma **maritimus** Hooper
Perennial. Herb. Ht 0.12–0.2 m. Alt 15–671 m. EC

thunbergii Hooper forma **thunbergii**
D. scaber Thunb. (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 15–2100 m. WC, EC

transvaalensis Burtt Davy
D. scaber Thunb. var. *graminifolius* Fenzl ex Szyszyl. (2)
Perennial. Herb. Ht 0.2–0.45 m. Alt 1340–2135 m. M, FS

zeyheri Sond. subsp. **natalensis** Hooper
D. colensoi F.N.Williams (2)
D. prostratus of author, not of Jacq., concept invalid (2)
Perennial. Herb. Ht 0.5–0.7 m. Alt 7–2260 m. B, LIM, M, KZN, EC

zeyheri Sond. subsp. **zeyheri**
D. mecistocalyx F.N.Williams (2)
D. serpae Ficalho & Hiern (2)
Perennial. Herb. Ht 0.2–0.6 m. Alt 946–1617 m. LIM, G, KZN

DRYMARIA Willd. ex Schult. 2452000

(1) Duke. 1961. *Annals of the Missouri Botanical Garden* 48: 179, 245.
(2) Wild. 1961. *FZ* 1: 344–346.
(3) Wild & Diniz. 1973. *Flora de Moçambique* 19: 8, 9.

cordata (L.) Willd. ex Roem. & Schult. subsp. **diandra** (Blume) J.A.Duke
D. diandra Blume (1)
Annual. Herb. Ht 0.25–1.5 m. Alt 15–1890 m. LIM, M, KZN, WC, EC

diandra Blume = **D. cordata** subsp. **diandra**

HERNIARIA L. 2476000

(1) Chaudhri. 1968. *Mededelingen van het Botanisch Museum en Herbarium van de Rijks-Universiteit te Utrecht* 285: 354–377.

arenicola = **H. capensis**

capensis Bartl.
H. arenicola Adamson (1)
Perennial. Herb. Ht? Alt 6–13 m. WC

erckertii Herm. subsp. **erckertii** var. **dewetii** Herm.
Perennial. Herb. Ht ± 0.01 m. Alt 275–2621 m. NW, FS, L, NC, WC, EC

erckertii Herm. subsp. **erckertii** var. **dinteri** Chaudhri
Perennial. Herb. Ht? Alt? N, G, M, FS, NC, EC

erckertii Herm. subsp. **erckertii** var. **erckertii**
Perennial. Herb. Ht 0.05–0.2 m. Alt 915–2285 m. N, NW, G, M, FS, KZN, L, NC

erckertii Herm. subsp. **pulvinata** Chaudhri
Perennial. Herb. Ht 0.01–0.08 m. Alt ?–900 m. LIM, NC

grimmii Herm.
Perennial. Herb. Ht ± 0.01 m. Alt ?–2928 m. EC

pearsonii Chaudhri (insufficiently known)

schlechteri Herm.
Annual. Herb. Ht? Alt 107–2000 m. FS, WC

*HOLOSTEUM L. 2431000

(1) Walters. 1964. *Flora europaea* 1: 136.

umbellatum L. subsp. **umbellatum**
Annual. Herb. Ht 0.2–0.35 m. Alt up to 1464 m. NC

KOHLRAUSCHIA Kunth 2498000

prolifera (L.) Kunth = **Petrorhagia prolifera**

KRAUSEOLA Pax & Hoffm. 2453010

(1) Wild. 1961. *FZ* 1: 337–339.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 166.

mosambicina (Moss) Pax & K.Hoffm.
Annual. Herb. Ht up to 0.4 m. Alt 5–60 m. KZN

LEPIGONUM Wahlb. 2450010

marginatum W.D.J.Koch var. *glabra* L. = **Spergularia media**

marginatum W.D.J.Koch var. *glandulosa* Fenzl = **Spergularia media**

LYCHNIS L. 2489000

githago (L.) Scop. = **Agrostemma githago** subsp. **githago**

*MOENCHIA Ehrh. 2432000

(1) Clapham. 1964. *Flora europaea* 1: 145, 146.

erecta (L.) Gaertn. subsp. **erecta**
Cerastium erectum (L.) Coss. & Germ. (1)
Annual. Herb. Ht 0.02–0.1 m. Alt up to 1570 m. WC

*PARONYCHIA Mill. 2473000

(1) Poiret. 1804. *Encylopédie méthodique* 5: 26.
(2) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 131, 132.
(3) Chaudhri. 1968. *Mededelingen van het Botanisch Museum en Herbarium van de Rijks-Universiteit te Utrecht* 285: 80–297.

brasiliana DC. var. **pubescens** Chaudhri
Annual. Herb. Ht? Alt 183–2000 m. NW, G, M, FS, KZN, L, WC

*PETRORHAGIA (Ser.) Link 2497010

(1) Ball & Heywood. 1964. *Flora europaea* 1: 186–188.

prolifera (L.) Ball & Heywood
Dianthus prolifer L. (1)
Kohlrauschia prolifera (L.) Kunth (1)
Tunica prolifera (L.) Scop. (1)
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 18–800 m. WC

POLLICHIA Aiton 2467000

(1) Wild. 1961. *FZ* 1: 358–360.
(2) Merxmüller. 1967. *FSWA* 30: 2.
(3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.
(4) Wild & Diniz. 1973. *Flora of Moçambique* 19: 1–3.

campestris Aiton
Perennial. Herb. Ht 0.08–1.5 m. Alt 15–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

POLYCARPAEA Lam. 2455000

(1) Turrill. 1954. *Kew Bulletin* 1954: 503.
(2) Wild. 1961. *FZ* 1: 341–344.
(3) Podlech. 1967. *FSWA* 31: 2, 3.

***corymbosa** (L.) Lam. var. **corymbosa**
Achyranthes corymbosa L. (3)
Annual. Herb. Ht 0.1–0.6 m. Alt 3–1850 m. N, B, LIM, G, M, S, KZN

eriantha Hochst. ex A.Rich. var. **effusa** (Oliv. emend. Pax) Turrill
Annual. Herb. Ht 0.03–0.19 m. Alt up to 1693 m. LIM, M.

eriantha Hochst. ex A.Rich. var. **eriantha**
P. grossartii Dinter (3)
Annual. Herb. Ht 0.1–0.3 m. Alt? N, B

grossartii Dinter = **P. eriantha** var. **eriantha**

POLYCARPON L. 2453000

(1) Linnaeus. 1759. *Systema naturae* edn 10, 2: 881.
(2) Wild. 1961. *FZ* 1: 339–341.
(3) Podlech. 1967. *FSWA* 31: 2, 3.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 222.

loeflingii Benth. = **P. prostratum** var. **prostratum**

prostratum (Forssk.) Asch. & Schweinf. var. **prostratum**
Alsine prostrata Forssk. (3)
P. loeflingii Benth. (3)
Annual. Herb. Ht ?–0.4 m. Alt 110–610 m. N, B, M

***tetraphyllum** (L.) L.
Annual. Herb. Ht? Alt 5–914 m. M, FS, KZN, WC, EC

*SAGINA L. 2433000

(1) Chorney. 1986. *Flora of South Australia* 1: 227, 228.
(2) Danin. 1990. *South African Journal of Botany* 56: 412, 413.
(3) Turker. 2000. *Rhodora* 102: 214–216.

apetala Ard.
Annual. Herb. Ht 0.03–0.15 m. Alt 120–1480 m. FS, KZN

maritima G.Don
Annual. Herb. Ht 0.05–0.1 m. Alt? WC

SAPONARIA L. 2503000

vaccaria L. var. *grandiflora* Fisch. ex Ser. = **Vaccaria hispanica** var. **hispanica**

*SCLERANTHUS L. 2483000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 136, 137.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 312.

annuus L.
Annual. Herb. Ht 0.02–0.2 m. Alt 30–1980 m. KZN, NC, WC, EC

SILENE L. 2490000

(1) Sonder. 1860. *FC* 1: 125–129.
(2) Wild. 1961. *FZ* 1: 350–355.
(3) Podlech. 1967. *FSWA* 31: 4.
(4) Bocquet. 1977. *Bothalia* 12: 309–311.
(5) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 222, 223.
(6) Masson. 1989. *Candollea* 44: 485–491.
(7) Walters. 1989. *European garden flora* 3: 179–181.
(8) Chater *et al.* 1993. *Flora europaea* edn 2,1: 191–218.

bellidioides Sond.
Perennial. Herb. Ht 0.25–0.9 m. Alt 2–3490 m. B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

burchellii Otth var. **angustifolia** Sond.
S. burchellii Otth var. *macrorrhiza* R.E.Fr. (1)
S. burchellii Otth var. *pilosellaefolia* Sond. (1)
Perennial. Herb. Ht 0.05–0.4 m. Alt 600–2425 m. LIM, NW, G, M, FS, KZN, L, NC

burchellii Otth var. **burchellii**
S. dintcri Engl. (2)
Perennial. Herb. Ht 0.2–0.8 m. Alt 10–2227 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

burchellii Otth var. **latifolia** Sond.
Perennial. Herb. Ht? Alt up to 1980 m. LIM, M, KZN, WC, EC

burchellii Otth var. *macrorrhiza* R.E.Fr. = **S. burchellii** var. **angustifolia**

burchellii Otth var. *pilosellaefolia* Sond. = **S. burchellii** var. **angustifolia**

capensis Otth = **S. undulata**

clandestina Jacq.
Annual. Herb. Ht 0.1–0.5 m. Alt 6–2100 m. M, NC, WC, EC

crassifolia L.
Perennial. Herb. Ht 0.15–0.6 m. Alt 2–155 m. WC, EC

dewinteri Bocquet
Annual. Herb. Ht 0.07–0.2 m. Alt up to 300 m. WC

dinteri Engl. = **S. burchellii** var. **burchellii**

eckloniana Sond.
Annual. Herb. Ht? Alt up to 20 m. WC

***gallica** L.
Annual. Herb. Ht 0.15–0.45 m. Alt 15–1965 m. LIM, G, M, FS, KZN, L, WC, EC

inflata (Salisb.) Sm. = **S. vulgaris** subsp. **vulgaris**

mundiana Eckl. & Zeyh.
Perennial. Herb. Ht 0.1–0.2 m. Alt up to 300 m. WC

ornata Aiton
Perennial. Herb. Ht 0.25–0.9 m. Alt up to 300 m. WC

***pendula** L.
Perennial. Herb. Ht? Alt up to 1600 m. G

pilosellifolia Cham. & Schltdl.
Annual. Herb. Ht 0.1–0.6 m. Alt 200–2236 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

primuliflora Eckl. & Zeyh. var. **ciliata** Sond.
Perennial. Herb. Ht? Alt up to 700 m. EC

primuliflora Eckl. & Zeyh. var. **primuliflora**
Perennial. Herb. Ht 0.1–0.45 m. Alt 5–2000 m. KZN, L, WC, EC

thunbergiana Bartl.
Perennial. Herb. Ht 0.25–0.6 m. Alt 10–1943 m. WC

undulata Aiton
S. capensis Otth (1)
Annual, occ. perennial. Herb. Ht 0.15–0.8 m. Alt 6–2950 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

vlokii Masson
Annual. Herb. Ht up to 0.3 m. Alt 10–100 m. WC

vulgaris (Moench) Garcke subsp. **macrocarpa** (Marsden) Jones & Turrill
Perennial. Herb. Ht 0.23–0.75 m. Alt ?–1402 m. KZN, WC, EC

vulgaris (Moench) Garcke subsp. **vulgaris**
S. inflata (Salisb.) Sm. (8)
Perennial. Herb. Ht 0.1–0.4 m. Alt 229–1525 m. FS, KZN, WC, EC

*SPERGULA L. 2449000

(1) Wild. 1961. *FZ* 1: 346.
(2) Ratter. 1964. *Flora europaea* 1: 154.

(3) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 223.

arvensis L.
Annual. Herb. Ht 0.05–0.3 m. Alt 30–2425 m. G, M, KZN, L, NC, WC, EC

SPERGULARIA (Pers.) J.Presl & C.Presl 2450000

(1) Sonder. 1860. *FC* 1: 134, 135.
(2) Monnier & Ratter. 1964. *Flora europaea* 1: 154–156.
(3) Podlech. 1967. *FSWA* 31: 4, 5.
(4) Monnier. 1975. *Candollea* 30: 121–155.

atheniensis Asch. & Schweinf. = **S. bocconii**

bocconii (Scheele) Asch. & Graebn.
S. atheniensis Asch. & Schweinf. (1)
Perennial. Herb. Ht 0.03–0.7 m. Alt 5–1310 m. NC, WC, EC

campestris (L.) Asch. = **S. rubra**

glandulosa Fenzl var. *glabrifolia* Fenzl = **S. media**

glandulosa Fenzl var. *glandulosa* = **S. media**

hanoverensis Simon
Annual. Herb. Ht ?–0.03 m. Alt 300–1370 m. NC, WC

marginata Kitt. = **S. media**

***media** (L.) C.Presl ex Griseb.
Arenaria glandulosa Jacq. (2)
Arenaria media L. (3)
Lepigonum marginatum W.D.J.Koch var. *glabra* L. (1)
Lepigonum marginatum W.D.J.Koch var. *glandulosa* Fenzl (1)
S. glandulosa Fenzl var. *glabrifolia* Fenzl (1)
S. glandulosa Fenzl var. *glandulosa* (1)
S. marginata Kitt. (2)
Perennial. Herb. Ht 0.05–1 m. Alt 5–1370 m. N, NW, FS, KZN, NC, WC, EC

***rubra** (L.) J.Presl & C.Presl
S. campestris (L.) Asch. (3)
Annual. Herb. Ht up to 0.3 m. WC, EC

*STELLARIA L. 2429000

(1) Wild. 1961. *FZ* 1,2: 349, 350.
(2) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 228.
(3) Danin. 1990. *South African Journal of Botany* 56: 413.

media (L.) Vill.
Annual. Herb. Ht 0.05–0.5 m. Alt 5–2208 m. B, LIM, NW, G, KZN, L, WC, EC

pallida (Dumort.) Piré
Annual. Herb. Ht 0.07–0.3 m. Alt 100–1525 m. LIM, NW, G, KZN, L, WC, EC

sennii Chiov.
Annual. Herb. Ht 0.3–2 m. Alt 11–2446 m. N, B, KZN, L, EC

TUNICA Scop. 2498010

prolifera (L.) Scop. = **Petrorhagia prolifera**

*VACCARIA Medik. 2501000

(1) Tutin *et al.* 1964. *Flora europaea* 1: 186.
(2) Léonard. 1985. *Bulletin du Jardin Botanique National de Belgique* 55: 297, 298.
(3) Rechinger. 1988. *Flora of Iranica* 163: 337, 338.

hispanica (Miller) Rauschert var. **hispanica**
Saponaria vaccaria L. var. *grandiflora* Fisch. ex Ser. (2)
V. pyramidata Medik. var. *pyramidata* (2)
Annual. Herb. Ht 0.2–0.7 m. Alt 610–1617 m. NW, G, M, FS, NC, WC, EC

pyramidata Medik. var. *pyramidata* = **V. hispanica** var. **hispanica**

*CASUARINACEAE

Compiled by M. Jordaan

*CASUARINA L. 1855000

(1) Wilmot-Dear. 1985. *FTEA* Casuarinaceae: 1–8.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 116–120.
(3) Wilmot-Dear. 2000. *Bothalia* 30: 143–146.

cunninghamiana Miq.
Perennial. Tree. Ht 7–25 m. Alt? G, WC, EC

equisetifolia J.R.Forst. & G.Forst.
Perennial. Tree. Ht 7–25 m. Alt ± 0 m. KZN

CELASTRACEAE

Compiled by R.H. Archer & M. Jordaan

ALLOCASSINE N.Robson 4641030

(1) Robson. 1965. *Boletim da Sociedade Broteriana* sér. 2, 39: 30.
(2) Archer & Van Wyk. 1998. *South African Journal of Botany* 64: 189–191.

laurifolia (Harv.) N.Robson
Cassine laurifolia (Harv.) Davison (1)
Elaeodendron ? laurifolium Harv. (1)
Perennial. Shrub or climber. Ht 1.5–6 m. Alt 25–610 m. S, KZN, EC

tetragona (L.f.) N.Robson = **Lauridia tetragona**

CASSINE L. 4641000

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 146–157.
(2) Archer *et al.* 1997. *Flowering Plants of Africa* 55: 70–74, t. 2134.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.

aethiopica Thunb. = **Mystroxylon aethiopicum** subsp. **aethiopicum**

affinis Sond. = **C. peragua** subsp. **affinis**

albanensis Sond. = **Lauridia tetragona**

barbara L. = **C. peragua** subsp. **barbara**

burchelli Loes. = **C. parvifolia**

burkeana (Sond.) Kuntze = **Mystroxylon aethiopicum** subsp. **burkeanum**

capensis in sense of Davison, not of L., misapplied name = **C. peragua** subsp. **barbara**

capensis L. = **C. peragua** subsp. **peragua**

capensis L. var. *colpoon* (L.) DC. = **C. peragua** subsp. **peragua**

colpoon (L.) Thunb. = **C. peragua** subsp. **peragua**

crocea of most authors, not of Thunb. = **Elaeodendron zeyheri**

crocea (Thunb.) Kuntze = **Elaeodendron croceum**

eucleiformis (Eckl. & Zeyh.) Kuntze = **Robsonodendron eucleiforme**

kraussiana Bernh. = **C. peragua** subsp. **peragua**

latifolia Eckl. & Zeyh. = **Lauridia tetragona**

latifolia Eckl. & Zeyh. var. *heterophylla* Sond. = **Lauridia tetragona**

laurifolia (Harv.) Davison = **Allocassine laurifolia**

maritima (Bolus) F.Bolus & L.Bolus = **Robsonodendron maritimum**

matabelicum (Loes.) Steedman = **Elaeodendron matabelicum**

maurocenia L. = **Maurocenia frangula**

papillosa (Hochst.) Kuntze = **Elaeodendron croceum**

parvifolia Sond.
C. burchelli Loes. (1)
C. schinziana (Loes.) Loes. (1)
Maurocenia schinziana Loes. (1)
Perennial. Tree or shrub. Ht 0.5–4 m. Alt 90–1800 m. WC, EC

peragua L. subsp. **affinis** (Sond.) R.H.Archer
C. affinis Sond. (1)
Perennial. Tree. Ht 1.5–9 m. Alt 10–750 m. NC, WC

peragua L. subsp. **barbara** (L.) R.H.Archer
C. barbara L. (1)
C. capensis in sense of Davison, not of L., misapplied name (1)
Perennial. Shrub. Ht 1–2 m. Alt 10–200 m. WC

peragua L. subsp. **peragua**
C. capensis L. (1)
C. capensis L. var. *colpoon* (L.) DC. (1)
C. colpoon (L.) Thunb. (1)
C. kraussiana Bernh. (1)
Elaeodendron kraussianum (Bernh.) Sim (1)
Euonymus colpoon L. (1)
Perennial. Tree or shrub. Ht 0.5–11 m. Alt 100–1700 m. LIM, M, S, KZN, WC, EC

pubescens (Eckl. & Zeyh.) Kuntze = **Mystroxylon aethiopicum** subsp. **aethiopicum**

reticulata (Eckl. & Zeyh.) Codd = **Lauridia reticulata**

scandens Eckl. & Zeyh. = **Lauridia tetragona**

scandens Eckl. & Zeyh. var. *latifolia* Sond. = **Lauridia tetragona**

scandens Eckl. & Zeyh. var. *laxa* Loes. = **Lauridia tetragona**

schinoides (Spreng.) R.H.Archer
Elaeodendron schinoides Spreng. (1)
Hartogia angustifolia Turcz. (1)
Hartogia capensis L. (1)
Hartogia capensis L. var. *lanceolata* Sond. (1)
Hartogia capensis L. var. *latifolia* Sond. (1)
Hartogia capensis L. var. *multiflora* (Eckl. & Zeyh.) Sond. (1)
Hartogia capensis L. var. *riparia* (Eckl. & Zeyh.) Sond. (1)
Hartogia schinoides C.A.Sm. (1)
Hartogiella schinoides (Spreng.) Codd (1)
Schrebera schinoides Thunb. (1)
Perennial. Tree, shrub. Ht 2–5 m. Alt 100–1800 m. WC, EC

schinziana (Loes.) Loes. = **C. parvifolia**

sphaerophylla (Eckl. & Zeyh.) Kuntze = **Mystroxylon aethiopicum** subsp. **aethiopicum**

szyszylowiczii Kuntze = **Gymnosporia** sp. **A**

tetragona (L.f.) Druce = **Lauridia tetragona**

tetragona (L.f.) Loes. = **Lauridia tetragona**

tetragona (Thunb.) Loes. = **Lauridia tetragona**

tetragona Thunb. var. *laxa* (Loes.) Loes. = **Lauridia tetragona**

transvaalensis (Burtt Davy) Codd = **Elaeodendron transvaalense**

velutinum (Harv.) Loes. = **Mystroxylon aethiopicum** subsp. **aethiopicum**

CATHA Forssk. ex Scop. 4629000

(1) Davison. 1927. *Bothalia* 2: 339–342.
(2) Robson. 1966. *FZ* 2: 379–381.
(3) Vorster. 1976. *The Flowering Plants of Africa* 43: t. 1685.
(4) Van Wyk & Prins. 1987. *South African Journal of Botany* 53: 202–205.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.

abbottii A.E.van Wyk & Prins = **Lydenburgia abbottii**

campestris (Eckl. & Zeyh.) C.Presl = **Putterlickia pyracantha**

cassinoides (N.Robson) Codd, name illegitimate = **Lydenburgia cassinoides**

edulis (Vahl) Endl.
Methyscophyllum glaucum Eckl. & Zeyh. (1)
Perennial. Tree or shrub. Ht 1–10 m. Alt 350–1000 m. LIM, M, S, KZN, EC

integrifolia (L.f.) G.Don = **Gloveria integrifolia**

transvaalensis Codd = **Lydenburgia cassinoides**

CATHASTRUM Turcz. 4646010

capense Turcz. = **Pleurostylia capensis**

CELASTRUS L. 4625000

acuminatus L.f. = **Maytenus acuminata** var. **acuminata**

albatus N.E.Br. = **Maytenus albata**

angularis Sond. = **Gymnosporia heterophylla**

campestris Eckl. & Zeyh. = **Putterlickia pyracantha**

capitatus E.Mey. ex Sond. = **Gymnosporia capitata**

cordatus E.Mey. ex Sond. = **Maytenus cordata**

filiformis L.f. = **Secamone filiformis**

ilicinus Burch. = **Maytenus ilicina**

integrifolius L.f. = **Gloveria integrifolia**

lanceolatus E.Mey. ex Sond. = **Gymnosporia linearis** subsp. **lanceolata**

laurinus Thunb. = **Maytenus oleoides**

linearis L.f. = **Gymnosporia linearis** subsp. **linearis**

lucidus L. = **Maytenus lucida**

maritimus Bolus = **Robsonodendron maritimum**

obtusus Thunb. = **Putterlickia pyracantha**

peduncularis Sond. = **Maytenus peduncularis**

procumbens L.f. = **Maytenus procumbens**

pyracanthus L. = **Putterlickia pyracantha**

saxatilis Burch. = **Putterlickia saxatilis**

tetragonus Thunb. = **Lauridia tetragona**

undatus Thunb. = **Maytenus undata**

verrucosus Sond. = **Putterlickia verrucosa**

CROCOXYLON Eckl. & Zeyh. 4640010

croceum of most authors, not of Thunb. = **Elaeodendron zeyheri**

croceum (Thunb.) N.Robson = **Elaeodendron croceum**

excelsum Eckl. & Zeyh., illegitimate name = **Elaeodendron zeyheri**

transvaalense (Burtt Davy) N.Robson = **Elaeodendron transvaalense**

ELACHYPTERA A.C.Sm. 4661010

(1) Robson *et al.* 1994. *FTEA* Celastraceae: 48–51.

parvifolia (Oliv.) N.Hallé
Hippocratea parvifolia Oliv. (1)
Perennial. Shrub or climber. Ht 2–8 m. Alt 318–460 m. LIM

ELAEODENDRON Jacq. 4640000

(1) Archer & Condy. 1995. *Flowering Plants of Africa* 54: 58–62, t. 2112.
(2) Archer & Van Wyk. 1996. *Bothalia* 26: 41, 42.
(3) Archer & Van Wyk. 1998. *South African Journal of Botany* 64: 93–109.

capense Eckl. & Zeyh. = **E. croceum**

croceum (Thunb.) DC.
Cassine crocea (Thunb.) Kuntze (1)
Cassine papillosa (Hochst.) Kuntze (1)
Crocoxylon croceum (Thunb.) N.Robson (1)
E. capense Eckl. & Zeyh. (1)
E. papillosum Hochst. (1)
Ilex crocea Thunb. (1)
Perennial. Tree. Ht 3–15 m. Alt 250–2600 m. LIM, KZN, WC, EC

croceum of most authors, not of Thunb. = **E. zeyheri**

croceum (Thunb.) DC. var. *heterophyllum* Loes. = **E. transvaalense**

eucleiforme (Eckl. & Zeyh.) Ettingsh. = **Robsonodendron eucleiforme**

excelsum (Eckl. & Zeyh.) Ettingsh. = **E. zeyheri**

fruticosum N.Robson = **E. matabelicum**

kraussianum (Bernh.) Sim = **Cassine peragua** subsp. **peragua**

?*laurifolium* Harv. = **Allocassine laurifolia**

matabelicum Loes.
Cassine matabelicum (Loes.) Steedman (3)
E. fruticosum N.Robson (3)
Perennial. Tree. Ht 3–15 m. Alt ± 1050 m. B

oligocarpum (Eckl. & Zeyh.) Ettingsh. = **Robsonodendron eucleiforme**

papillosum Hochst. = **E. croceum**

reticulatum (Eckl. & Zeyh.) Ettingsh. = **Lauridia reticulata**

schinoides Spreng. = **Cassine schinoides**

transvaalense (Burtt Davy) R.H.Archer
Cassine transvaalensis (Burtt Davy) Codd (3)
Crocoxylon transvaalense (Burtt Davy) N.Robson (3)
E. croceum (Thunb.) DC. var. *heterophyllum* Loes. (3)
Pseudocassine transvaalensis (Burtt Davy) Bredell (3)
Salacia transvaalensis Burtt Davy (3)
Perennial. Tree or shrub. Ht 2–5 m. Alt 200–1700 m. N, B, LIM, NW, M, S, KZN

zeyheri Spreng. ex Turcz.
Cassine crocea of most authors, not of Thunb. (3)
Crocoxylon croceum of most authors, not of Thunb. (3)
Crocoxylon excelsum Eckl. & Zeyh., illegitimate name (3)
E. croceum of most authors, not of Thunb. (3)
E. excelsum (Eckl. & Zeyh.) Ettingsh. (3)
Salacia zeyheri Planch. ex Harv. (3)
Perennial. Tree. Ht 2–10 m. Alt 200–1750 m. LIM, KZN, EC

EMPLEURIDIUM Sond. 4626010

(1) Goldblatt *et al.* 1985. *Annals of the Missouri Botanical Garden* 72: 167–183.

juniperinum Sond.
Perennial. Dwarf shrub. Ht? Alt 600–1200 m. WC

EUONYMUS L. 4618000

colpoon L. = **Cassine peragua** subsp. **peragua**

GLOVERIA M.Jordaan 4628010

(1) Jordaan & Van Wyk. 1998. *South African Journal of Botany* 64: 299–302.

integrifolia (L.f.) M.Jordaan
Catha integrifolia (L.f.) G.Don (1)
Celastrus integrifolius L.f. (1)
Gymnosporia integrifolia (L.f.) R.Glover (1)
Perennial. Shrub. Ht 0.5–2.5 m. Alt? NC, WC

GYMNOSPORIA (Wight & Arn.) Hook.f. 4627000

(1) Schönland. 1919. *Memoirs of the Botanical Survey of South Africa* No. 1: 73.
(2) Davison. 1927. *Bothalia* 2: 289–346.
(3) Loesener. 1942. *Die natürlichen Pflanzenfamilien* 2, 20b: 87–158.
(4) Robson. 1966. *FZ* 2: 358–374.
(5) Archer. 1992. *South African Journal of Botany* 58: 393–396.
(6) Jordaan. 1995. *A taxonomic revision of the spiny members of subfamily Celastroideae (Celastraceae) in southern Africa.* Unpublished M.Sc. thesis, Univ. Pretoria.
(7) Jordaan & Van Wyk. 1999. *South African Journal of Botany* 65: 177–181.
(8) Jordaan & Condy. 1999. *Flowering Plants of Africa* 56: 82–85, t. 2154.
(9) Jordaan & Van Wyk. 1999. *South African Journal of Botany* 65: 315–320.
(10) Jordaan & Van Wyk. 2000. *South African Journal of Botany* 66: 10–14.
(11) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.
(12) Jordaan. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 676.
(13) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

acuminata (L.f.) Szyszyl. = **Maytenus acuminata** var. **acuminata**

albata (N.E.Br.) Sim = **Maytenus albata**

amapondensis Sim = **Robsonodendron eucleiforme**

angularis (Sond.) Sim = **G. heterophylla**

angularis (Sond.) Sim var. *grandifolia* Davison = **G. grandifolia**

apiculata Sim = **Robsonodendron maritimum**

arenicola M.Jordaan
Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part (9)
Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN

bachmannii Loes.
Maytenus bachmannii (Loes.) Marais (8)
Perennial. Tree or shrub. Ht 0.5–2 m. Alt 0–300 m. KZN, EC

buxifolia (L.) Szyszyl.
Perennial. Tree or shrub. Ht up to 7 m. Alt 0–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

capitata (E.Mey. ex Sond.) Loes.
Celastrus capitatus E.Mey. ex Sond. (2)
Maytenus capitata (E.Mey. ex Sond.) Marais (11)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–2000 m. WC, EC

cordata (E.Mey. ex Sond.) Sim = **Maytenus cordata**

crataegiflora Davison = **G. woodii**

deflexa Sprague = **Maytenus deflexa**

devenishii M.Jordaan
Perennial. Tree or shrub. Ht 2–5 m. Alt 500–1500 m. KZN, EC

elliptica (Thunb.) Schönland
Perennial. Dwarf shrub. Ht 0.4–0.9 m. Alt 0–100 m. EC

fasciculata (Tul.) Loes. = **Maytenus undata**

filiformis Davison in part = **Maytenus** sp. **A**

glaucophylla M.Jordaan
Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *glauca* N.Robson (12)
Perennial. Tree or shrub. Ht 0.4–0.8 m. Alt 0–100 m. LIM, M, S, KZN

grandifolia (Davison) M.Jordaan
G. angularis (Sond.) Sim var. *grandifolia* Davison (12)
Perennial. Tree. Ht 2–4 m. Alt 0–100 m. LIM, M, S, KZN, EC

harveyana Loes.
Maytenus mossambicensis in sense of (Klotzsch) Blakelock in part (11)
Perennial. Tree or shrub. Ht 1–8 m. Alt 0–1000 m. LIM, M, S, KZN, EC

heterophylla (Eckl. & Zeyh.) Loes.
Celastrus angularis Sond. (6)
G. angularis (Sond.) Sim (6)
Maytenus heterophylla in sense of (Eckl. & Zeyh.) N.Robson in part (6)
Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 0–1500 m. LIM, M, S, KZN, EC

ilicina (Burch.) Davison. = **Maytenus ilicina**

integrifolia (L.f.) R.Glover = **Gloveria integrifolia**

lanceolata (Eckl & Zeyh.) Loes. = **G. linearis** subsp. **lanceolata**

laurina (Thunb.) Szyszyl. = **Maytenus oleoides**

linearis (L.f.) Loes. subsp. **linearis**
Celastrus linearis L.f. (2)
Maytenus linearis in sense of (L.f) Marais in part (11)
Perennial. Tree or shrub. Ht 1–6 m. Alt 0–300 m. WC, EC

linearis (L.f.) Loes. subsp. **lanceolata** (E.Mey. ex Sond.) M.Jordaan
Celastrus lanceolatus E.Mey. ex Sond. (11)
G. lanceolata (Eckl. & Zeyh.) Loes. (11)
Maytenus linearis in sense of (L.f) Marais in part (11)
Perennial. Tree or shrub. Ht 1–4 m. Alt 0–300 m. N, NC

lucida (L.) Loes. = **Maytenus lucida**

macrocarpa M.Jordaan
Perennial. Shrub or occ. tree. Ht 0.5–3 m. Alt 0–1500 m. KZN

maranguensis (Loes.) Loes.
Perennial. Tree or shrub. Ht 1–4 m. Alt? N, B, LIM, NW, G, M, S, KZN

markwardii M.Jordaan
Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part (9)
Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 0–100 m. KZN

monococca Davison = **Maytenus monococca**

mossambicensis (Klotzsch) Loes.
Maytenus mossambicensis in sense of (Klotzsch) Blakelock in part (11)
Perennial. Tree or shrub. Ht 1–4 m. Alt 0–300 m. LIM

nemorosa (Eckl. & Zeyh.) Szyszyl.
Maytenus nemorosa (Eckl. & Zeyh.) Marais (6)
Perennial. Tree or shrub. Ht 1–5 m. Alt? M, S, KZN, WC, EC

oxycarpa (N.Robson) M.Jordaan
Maytenus oxycarpa N.Robson (12)
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 0–300 m. LIM

peduncularis (Sond.) Loes. = **Maytenus peduncularis**

polyacantha (Sond.) Szyszyl. subsp. **polyacantha**
Maytenus polyacantha in sense of Marais in part (11)
Perennial. Tree or shrub. Ht 1–3 m. Alt? EC

polyacantha (Sond.) Szyszyl. subsp. **vaccinifolia** (P.Conrath) M.Jordaan
G. vaccinifolia P.Conrath (11)
Maytenus polyacantha in sense of Marais in part (11)
Perennial. Tree or shrub. Ht up to 3 m. Alt? LIM, NW, G, M

procumbens (L.f.) Loes. = **Maytenus procumbens**

pubescens (N.Robson) M.Jordaan
Maytenus pubescens N.Robson (12)
Perennial. Tree or shrub. Ht 0.5–2 m. Alt 100–335 m. LIM

putterlickioides Loes.
Maytenus putterlickioides (Loes.) Exell & Mendonça (11)
Perennial. Shrub or occ. tree. Ht up to 3 m. Alt? LIM

rubra (Harv.) Loes.
Maytenus mossambicensis (Klotzsch) Blakelock var. *rubra* (Harv.) Blakelock (11)
Perennial. Tree or shrub. Ht up to 3 m. Alt? M, KZN, EC

saxatilis (Burch.) Davison = **Putterlickia saxatilis**

senegalensis (Lam.) Loes.
Maytenus senegalensis (Lam.) Exell (6)

Perennial. Tree or shrub. Ht up to 4 m. Alt? N, B, LIM, M, S, KZN

tenuispina (Sond.) Szyszyl.
Maytenus tenuispina (Sond.) Marais (6)
Perennial. Shrub. Ht up to 1.5 m. Alt? B, LIM, NW, G, M, KZN, FS

undata (Thunb.) Szyszyl. = **Maytenus undata**

uniflora Davison
Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt? KZN, EC

vaccinifolia P.Conrath = **G. polyacantha** subsp. **vaccinifolia**

woodii Szyszyl.
G. crataegiflora Davison (3)
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 100–300 m. KZN

zeyheri (Sond.) Davison = **Maytenus undata**

sp. A
Cassine szyszylowiczii Kuntze
Perennial. Shrub. Ht up to 2 m. Alt? N, NC, WC, EC

sp. B
Maytenus vanwykii R.H.Archer
Perennial. Dwarf shrub. Ht 0.4–0.9 m. Alt 0–300 m. KZN, EC

HARTOGIA L.f., not of L. 4645010

angustifolia Turcz. = **Cassine schinoides**

capensis L. = **Cassine schinoides**

capensis L. var. *lanceolata* Sond. = **Cassine schinoides**

capensis L. var. *latifolia* Sond. = **Cassine schinoides**

capensis L. var. *multiflora* (Eckl. & Zeyh.) Sond. = **Cassine schinoides**

capensis L. var. *riparia* (Eckl. & Zeyh.) Sond. = **Cassine schinoides**

schinoides C.A.Sm. = **Cassine schinoides**

HARTOGIELLA Codd 4645000

schinoides (Spreng.) Codd = **Cassine schinoides**

HIPPOCRATEA L. 4661000

africana (Willd.) Loes. var. *richardiana* (Cambess.) N.Robson = **Loeseneriella africana** var. **richardiana**

buchananii Loes. = **Reissantia buchananii**

crenata (Klotzsch) K.Schum. & Loes. = **Loeseneriella crenata**

delagoensis Loes. = **Prionostemma delagoensis**

indica Willd. = **Reissantia indica** var. **orientalis**

kirkii Oliv. = **Loeseneriella crenata**

longipetiolata Oliv. = **Pristimera longipetiolata**

nitida Oberm. = **Loeseneriella africana** var. **richardiana**

obtusifolia in sense of Oliv., misapplied name = **Loeseneriella africana** var. **richardiana**

parviflora N.E.Br. = **Reissantia parviflora**

parvifolia Oliv. = **Elachyptera parvifolia**

schlechteri Loes. = **Pristimera longipetiolata**

schlechteri Loes. var. *peglerae* Loes. = **Pristimera bojeri**

LAURIDIA Eckl. & Zeyh. 4647000

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 227–232.

reticulata Eckl. & Zeyh.
Cassine reticulata (Eckl. & Zeyh.) Codd (1)
Elaeodendron reticulatum (Eckl. & Zeyh.) Ettingsh. (1)
Mystroxylon reticulatum (Eckl. & Zeyh.) D.Dietr. (1)
Perennial. Shrub or tree. Ht 1–4.5 m. Alt 100–750 m. EC

tetragona (L.f.) R.H.Archer
Allocassine tetragona (L.f.) N.Robson (1)
Cassine albanensis Sond. (1)
Cassine latifolia Eckl. & Zeyh. (1)
Cassine latifolia Eckl. & Zeyh. var. *heterophylla* Sond. (1)
Cassine scandens Eckl. & Zeyh. (1)
Cassine scandens Eckl. & Zeyh. var. *latifolia* Sond. (1)
Cassine scandens Eckl. & Zeyh. var. *laxa* Loes. (1)
Cassine tetragona (L.f.) Druce (1)
Cassine tetragona (L.f.) Loes. (1)
Cassine tetragona (Thunb.) Loes. (1)
Cassine tetragona Thunb. var. *laxa* (Loes.) Loes. (1)
Celastrus tetragonus Thunb. (1)
Rhamnus tetragona L.f. (1)
Perennial. Shrub or scrambler. Ht 1–3 m. Alt 20–1750 m. LIM, M, S, KZN, WC, EC

LOESENERIELLA A.C.Sm. 4661080

(1) Robson. 1966. *FZ* 2: 408–411.
(2) Robson *et al.* 1994. *FTEA* Celastraceae: 65–70.

africana (Willd.) N.Hallé var. **richardiana** (Cambess.) N.Hallé
Hippocratea africana (Willd.) Loes. var. *richardiana* (Cambess.) N.Robson (2)
Hippocratea nitida Oberm. (1)
Hippocratea obtusifolia in sense of Oliv., misapplied name (2)
Perennial. Shrub or climber. Ht 0.5–15 m. Alt 302–1675 m. N, B, LIM

crenata (Klotzsch) N.Hallé
Hippocratea crenata (Klotzsch) K.Schum. & Loes. (1)
Hippocratea kirkii Oliv. (2)
Perennial. Shrub or climber. Ht 2–3 m. Alt ?–549 m. LIM

LYDENBURGIA N.Robson 4629010

(1) Robson. 1965. *Boletim da Sociedade Broteriana* sér. 2, 39: 35.
(2) Codd. 1966. *Bothalia* 9: 124.
(3) Codd. 1971. *Bothalia* 10: 365.
(4) Van Wyk & Prins. 1987. *South African Journal of Botany* 53: 202–205.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.
(6) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

abbottii (A.E.van Wyk & Prins) Steenkamp, A.E.van Wyk & Prins
Catha abbottii A.E.van Wyk & Prins (5)
Perennial. Tree. Ht 3–8 m. Alt 0–100 m. KZN, EC

cassinoides N.Robson
Catha cassinoides (N.Robson) Codd, illegitimate name (1)
Catha transvaalensis Codd (2)
Perennial. Tree or shrub. Ht 1–12 m. Alt 335–1900 m. LIM, M

MAUROCENIA Mill. 4644000

(1) Archer & Van Wyk. 1998. *Bothalia* 28: 7–10.

capensis Sond. = **M. frangula**

frangula Mill.
Cassine maurocenia L. (1)
M. capensis Sond. (1)

M. frangularia Willd., incorrect spelling of most authors (1)
Perennial. Tree or shrub. Ht 1–7 m. Alt 10–945 m. WC

frangularia Willd. = **M. frangula**

schinziana Loes. = **Cassine parvifolia**

MAYTENUS Molina 4626000

(1) Davison. 1927. *Bothalia* 2: 289–346.
(2) Loesener. 1942. *Die natürlichen Pflanzenfamilien* 2, 20b: 87–158.
(3) Marais. 1960. *Bothalia* 7: 381–386.
(4) Robson. 1966. *FZ* 2: 358–374.
(5) Van Wyk. 1984. *South African Journal of Botany* 3: 115–119.
(6) Van Wyk & Archer. 1987. *South African Journal of Botany* 53: 155–160.
(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.
(8) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

abbottii A.E.van Wyk
Perennial. Tree. Ht up to 4 m. Alt 0–300 m. KZN

acuminata (L.f.) Loes. var. **acuminata**
Celastrus acuminatus L.f. (1)
Gymnosporia acuminata (L.f.) Szyszyl. (3)
Perennial. Tree or shrub. Ht 0.5–4 m. Alt 5–1293 m. LIM, M, S, FS, KZN, L, NC, WC, EC

albata (N.E.Br.) E.Schmidt & M.Jordaan
Celastrus albatus N.E.Br. (8)
Gymnosporia albata (N.E.Br.) Sim (8)
Perennial. Tree or shrub. Ht up to 6 m. Alt? LIM, M, KZN, L, EC

angustifolia (C.Presl ex Sond.) Moll & L.B.Scott = **Robsonodendron eucleiforme**

bachmannii (Loes.) Marais = **Gymnosporia bachmannii**

capitata (E.Mey. ex Sond.) Marais = **Gymnosporia capitata**

cordata (E.Mey. ex Sond.) Loes.
Celastrus cordatus E.Mey. ex Sond. (1)
Gymnosporia cordata (E.Mey. ex Sond.) Sim (7)
Perennial. Tree or shrub. Ht 2–4 m. Alt 10–300 m. KZN, EC

deflexa (Sprague) E.Schmidt & M.Jordaan
Gymnosporia deflexa Sprague (8)
Perennial. Tree or shrub. Ht up to 10 m. Alt? LIM, M, KZN, EC

heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part = **Gymnosporia arenicola**

heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part = **Gymnosporia markwardii**

heterophylla (Eckl. & Zeyh.) N.Robson subsp. *glauca* N.Robson = **Gymnosporia glaucophylla**

heterophylla in sense of (Eckl. & Zeyh.) N.Robson in part = **Gymnosporia heterophylla**

ilicina (Burch) Loes.
Celastrus ilicinus Burch. (1)
Gymnosporia ilicina (Burch.) Davison (7)
Perennial. Shrub or tree. Ht up to 3 m. Alt? NC

linearis in sense of (L.f) Marais in part = **Gymnosporia linearis** subsp. **lanceolata**

linearis in sense of (L.f) Marais in part = **Gymnosporia linearis** subsp. **linearis**

lucida (L.) Loes.
Celastrus lucidus L. (2)
Gymnosporia lucida (L.) Loes. (3)
Perennial. Shrub. Ht up to 2 m. Alt 5–275 m. WC

monococca (Davison) Loes.
Gymnosporia monococca Davison (2)
Perennial. Tree or shrub. Ht up to 2 m. Alt 5–200 m. WC

mossambicensis in sense of (Klotzsch) Blakelock in part = **Gymnosporia harveyana**

mossambicensis in sense of (Klotzsch) Blakelock in part = **Gymnosporia mossambicensis**

mossambicensis (Klotzsch) Blakelock var. *rubra* (Harv.) Blakelock = **Gymnosporia rubra**

nemorosa (Eckl. & Zeyh.) Marais = **Gymnosporia nemorosa**

oleoides (Lam.) Loes.
Celastrus laurinus Thunb. (2)
Gymnosporia laurina (Thunb.) Szyszyl. (3)
Scytophyllum laurinum (Thunb.) Eckl. & Zeyh. (3)
Perennial. Tree or shrub. Ht 0.5–2 m. Alt 30–1310 m. NC, WC, EC

oleosa A.E.van Wyk & R.H.Archer
Perennial. Tree. Ht 3–4 m. Alt 10–300 m. KZN, EC

oxycarpa N.Robson = **Gymnosporia oxycarpa**

peduncularis (Sond.) Loes.
Celastrus peduncularis Sond. (3)
Gymnosporia peduncularis (Sond.) Loes. (3)
Perennial. Tree or shrub. Ht 1–13 m. Alt 15–1980 m. LIM, M, S, FS, KZN, WC, EC

polyacantha in sense of Marais in part = **Gymnosporia polyacantha** subsp. **polyacantha**

polyacantha in sense of Marais in part = **Gymnosporia polyacantha** subsp **vaccinifolia**

procumbens (L.f.) Loes.
Celastrus procumbens L.f. (3)
Gymnosporia procumbens (L.f.) Loes. (3)
Perennial. Tree, shrub or dwarf shrub. Ht 0.5–3 m. Alt 5–200 m. KZN, WC, EC

pubescens N.Robson = **Gymnosporia pubescens**

putterlickioides (Loes.) Exell & Mendonça = **Gymnosporia putterlickioides**

senegalensis (Lam.) Exell = **Gymnosporia senegalensis**

tenuispina (Sond.) Marais = **Gymnosporia tenuispina**

undata (Thunb.) Blakelock
Celastrus undatus Thunb. (3)
Gymnosporia fasciculata (Tul.) Loes. (3)
Gymnosporia undata (Thunb.) Szyszyl. (3)
Gymnosporia zeyheri (Sond.) Davison (3)
Perennial. Tree or shrub. Ht 1–6 m. Alt 5–2225 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

vanwykii R.H.Archer = **Gymnosporia** sp. **B**

sp. A
Gymnosporia filiformis Davison in part (1)
Perennial. Tree or shrub. Ht 1–4 m. Alt 0–200 m. KZN

METHYSCOPHYLLUM Eckl. & Zeyh. 4629010

glaucum Eckl. & Zeyh. = **Catha edulis**

MYSTROXYLON Eckl. & Zeyh. 4642000

(1) Archer *et al.* 1997. *Flowering Plants of Africa* 55: 76–80, t. 2134.
(2) Archer. 1996. *A taxonomic revision of southern African Cassinoideae (Celastraceae)*: 107–126. Unpublished thesis, Univ. Pretoria.
(3) Archer. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 676.

aethiopicum (Thunb.) Loes. subsp. **aethiopicum**
Cassine aethiopica Thunb. (2)
Cassine pubescens (Eckl. & Zeyh.) Kuntze (2)
Cassine sphaerophylla (Eckl. & Zeyh.) Kuntze (2)
Cassine velutinum (Harv.) Loes. (2)
M. confertiflorum Tul. (2)
Perennial. Tree or shrub. Ht 2–10 m. Alt 10–1000 m. WC, EC

aethiopicum (Thunb.) Loes. subsp. **burkeanum** (Sond.) R.H.Archer
Cassine burkeana (Sond.) Kuntze (3)
Perennial. Tree or shrub. Ht 0.5–8 m. Alt 1400–1600 m. NW, G, M, FS

aethiopicum (Thunb.) Loes. subsp. **schlechteri** (Loes.) R.H.Archer
Perennial. Tree or shrub. Ht 2–15 m. Alt 10–2000 m. LIM, M, S, KZN

confertiflorum Tul. = **M. aethiopicum** subsp. **aethiopicum**

eucleiforme Eckl. & Zeyh. = **Robsonodendron eucleiforme**

maritimum (Bolus) Loes. = **Robsonodendron maritimum**

oligocarpum Eckl. & Zeyh. = **Robsonodendron eucleiforme**

reticulatum (Eckl. & Zeyh.) D.Dietr. = **Lauridia reticulata**

PLEUROSTYLIA Wight & Arn. 4646000

(1) Davison. 1927. *Bothalia* 2: 342.
(2) Archer. 1996. *A taxonomic revision of southern African Cassinoideae (Celastraceae)*: 174–182. Unpublished thesis, Univ. Pretoria.

africana Loes. = **P. capensis**

capensis (Turcz.) Loes.
Cathastrum capense Turcz. (1)
P. africana Loes. (2)
Perennial. Tree or shrub. Ht 2–18 m. Alt 30–1640 m. LIM, M, S, KZN, EC

PRIONOSTEMMA Miers 4661020

(1) Hallé. 1981. *Bulletin du Muséum National d'Histoire Naturelle* 4e sér. 3, sect. B: 7–8.

delagoensis (Loes.) N.Hallé var. **delagoensis**
Hippocratea delagoensis Loes. (1)
Perennial. Shrub or climber. Ht 3–9 m. Alt 5–460 m. KZN

PRISTIMERA Miers 4661040

(1) Hallé. 1981. *Bulletin du Muséum National d'Histoire Naturelle* 4e sér. 3, sect. B: 5–14.
(2) Robson *et al.* 1994. *FTEA* Celastraceae: 57–61.

bojeri (Tul.) N.Hallé
Hippocratea schlechteri Loes. var. *peglerae* Loes. (1)
Perennial. Shrub or climber. Ht 1–4 m. Alt 50–366 m. KZN, EC

longipetiolata (Oliv.) N.Hallé
Hippocratea longipetiolata Oliv. (1)
Hippocratea schlechteri Loes. (1)
Perennial. Shrub or climber. Ht 1–6 m. Alt 275–1130 m. LIM

PSEUDOCASSINE Bredell 4641010

transvaalensis (Burtt Davy) Bredell = **Elaeodendron transvaalense**

PSEUDOSALACIA Codd 4662010

(1) Codd. 1972. *Bothalia* 10: 565–567.

streyi Codd
Perennial. Tree. Ht 1.5–5 m. Alt 50–366 m. KZN, EC

PTEROCELASTRUS Meisn. 4630000

(1) Davison. 1927. *Bothalia* 2: 321–326.
(2) Robson. 1966. *FZ* 2: 374–376.

echinatus N.E.Br.
P. rehmannii Davison (2)
P. variabilis in sense of Sim, misapplied name (2)
Perennial. Tree or shrub. Ht up to 15 m. Alt 300–1980 m. LIM, NW, G, M, S, KZN, EC

galpinii Loes.
Perennial. Tree or shrub. Ht up to 6 m. Alt? M, S

litoralis Walp. = **P. tricuspidatus**

rehmannii Davison = **P. echinatus**

rostratus (Thunb.) Walp.
Perennial. Tree. Ht 2–18 m. Alt 60–1900 m. LIM, M, S, KZN, L, WC, EC

stenopterus Walp. = **P. tricuspidatus**

tetrapterus Walp. = **P. tricuspidatus**

tricuspidatus (Lam.) Walp.
P. litoralis Walp. (1)
P. stenopterus Walp. (1)
P. tetrapterus Walp. (1)
Perennial. Tree or shrub. Ht up to 9 m. Alt 5–1615 m. KZN, WC, EC

variabilis in sense of Sim, misapplied name = **P. echinatus**

PUTTERLICKIA Endl. 4628000

(1) Davison. 1927. *Bothalia* 2: 336–338.
(2) Robson. 1966. *FZ* 2: 356–358.
(3) Van Wyk & Mostert. 1987. *South African Journal of Botany* 53: 267–270.
(4) Jordaan & Van Wyk. 1998. *South African Journal of Botany* 64: 322–329.

pyracantha (L.) Szyszyl.
Catha campestris (Eckl. & Zeyh.) C.Presl (1)
Celastrus campestris Eckl. & Zeyh. (1)
Celastrus obtusus Thunb. (1)
Celastrus pyracanthus L. (1)
Perennial. Shrub. Ht up to 2 m. Alt 5–1525 m. WC, EC

retrospinosa A.E.van Wyk & Mostert
Perennial. Climber. Ht variable. Alt 0–300 m. KZN, EC

saxatilis (Burch.) M.Jordaan
Celastrus saxatilis Burch. (4)
Gymnosporia saxatilis (Burch.) Davison (4)
Perennial. Shrub. Ht up to 2 m. Alt? NC

verrucosa (E.Mey. ex Sond.) Szyszyl.
Celastrus verrucosus Sond. (1)
Perennial. Shrub or tree. Ht up to 3 m. Alt 10–1370 m. M, S, KZN, EC

REISSANTIA N.Hallé. 4661090

(1) Robson *et al.* 1994. *FTEA* Celastraceae: 51–55.

buchananii (Loes.) N.Hallé
Hippocratea buchananii Loes. (1)
Perennial. Shrub or climber. Ht 1.5–9 m. Alt ± 1500 m. B

indica (Willd.) N.Hallé var. **orientalis** N.Hallé & Mathew
Hippocratea indica Willd. (1)

Perennial. Shrub or climber. Ht 2–4 m. Alt 295–580 m. N, B, LIM

parviflora (N.E.Br.) N.Hallé
Hippocratea parviflora N.E.Br. (1)
Perennial. Shrub or climber. Ht 1–4 m. Alt ?–1030 m. N, B

ROBSONODENDRON R.H.Archer 4642010

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 116–122.

eucleiforme (Eckl. & Zeyh.) R.H.Archer
Cassine eucleiformis (Eckl. & Zeyh.) Kuntze (1)
Elaeodendron eucleiforme (Eckl. & Zeyh.) Ettingsh. (1)
Elaeodendron oligocarpum (Eckl. & Zeyh.) Ettingsh. (1)
Gymnosporia amapondensis Sim (1)
Maytenus angustifolia (C.Presl ex Sond.) Moll & L.B.Scott (1)
Myrsine gerrardii Harv. & C.H.Wright (1)
Mystroxylon eucleiforme Eckl. & Zeyh. (1)
Mystroxylon oligocarpum Eckl. & Zeyh. (1)
Scytophyllum angustifolium C.Presl ex Sond. (1)
Perennial. Tree. Ht 2–12 m. Alt 10–2000 m. LIM, M, S, KZN, WC, EC

maritimum (Bolus) R.H.Archer
Cassine maritima (Bolus) F.Bolus & L.Bolus (1)
Celastrus maritimus Bolus (1)
Gymnosporia apiculata Sim (1)
Mystroxylon maritimum (Bolus) Loes. (1)
Scytophyllum apiculatum Sond. (1)
Perennial. Shrub. Ht 0.5–2 m. Alt 10–200 m. WC, EC

SALACIA L. 4662000

(1) Verdoorn. 1958. *The Flowering Plants of Africa*: 32: t. 1270.
(2) Robson. 1966. *FZ* 2: 391–403.

alternifolia Hochst. = **S. kraussii**

gerrardii Harv. ex Sprague
Perennial. Climber. Ht 0.5–2 m. Alt 10–200 m. KZN, EC

kraussii (Harv.) Harv.
S. alternifolia Hochst. (2)
Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 10–200 m. LIM, KZN

leptoclada Tul.
S. wardii I.Verd. (2)
Perennial. Shrub or liane. Ht 0.5–4 m. Alt 10–200 m. KZN

luebbertii Loes.
Perennial. Dwarf shrub. Ht 03–0.5 m. Alt 250–600 m. N, B

rehmannii Schinz.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 250–1600 m. LIM, G, M, KZN

transvaalensis Burtt Davy = **Elaeodendron transvaalense**

wardii I.Verd. = **S. leptoclada**

zeyheri Planch. ex Harv. = **Elaeodendron zeyheri**

SCYTOPHYLLUM Eckl. & Zeyh. 4627010

angustifolium C.Presl ex Sond. = **Robsonodendron eucleiforme**

apiculatum Sond. = **Robsonodendron maritimum**

laurinum (Thunb.) Eckl. & Zeyh. = **Maytenus oleoides**

CELTIDACEAE

Compiled by M. Jordaan

CELTIS L. 1898000

(1) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1210.
(2) Polhill. 1964. *Kew Bulletin* 19: 139–145.
(3) Polhill. 1966. *FTEA* Ulmaceae: 3–10.
(4) Wilmot-Dear. 1991. *FZ* 9,6: 6–10.
(5) Wiegrefe *et al.* 1998. *Plant Systematics and Evolution* 210: 249–270.
(6) Wilmot-Dear. 1999. *Bothalia* 29: 243–247.

africana Burm.f.
C. kraussiana Bernh. (2)
Perennial. Tree or shrub. Ht 2–30 m. Alt 4–2160 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

durandii Engl. = **C. gomphophylla**

franksiae N.E.Br. = **C. mildbraedii**

gomphophylla Baker
C. durandii Engl. (4)
Perennial. Tree. Ht 3–30 m. Alt 2–800 m. KZN, EC

kraussiana Bernh. = **C. africana**

mildbraedii Engl.
C. franksiae N.E.Br. (2)
Perennial. Tree. Ht 3–40 m. Alt 10–610 m. S, KZN

rhamnifolia C.Presl, illegitimate name = **Rhamnus prinoides**

CHAETACME Planch. 1906000

(1) Polhill. 1966. *FTEA* Ulmaceae: 12–14.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 1–3.
(3) Wilmot-Dear. 1999. *Bothalia* 29: 239–241.

aristata Planch.
Perennial. Tree or shrub. Ht 1–13 m. Alt 15–1420 m. B, LIM, NW, G, M, S, KZN, WC, EC

TREMA Lour. 1902000

(1) Polhill. 1966. *FTEA* Ulmaceae: 10–12.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 3–6.
(3) Wilmot-Dear. 1999. *Bothalia* 29: 241–243.

guineensis (Schumach. & Thonn.) Ficalho = **T. orientalis**

orientalis (L.) Blume
T. guineensis (Schumach. & Thonn.) Ficalho (1)
Perennial. Tree or shrub. Ht 1.5–18 m. Alt 3–1980 m. N, LIM, NW, M, S, KZN, EC

CERATOPHYLLACEAE

Compiled by R.P. Glen & C.D.K. Cook

CERATOPHYLLUM L. 2516000

(1) Wilmot-Dear. 1985. *Kew Bulletin* 40: 243–271.
(2) Wilmot-Dear. 1985. *FTEA* Ceratophyllaceae: 1–5.
(3) Les. 1986. *Systematic Botany* 11 549–558.
(4) Les. 1988. *Systematic Botany* 13: 73–86.
(5) Les. 1989. *Systematic Botany* 14: 25–262.
(6) Wilmot-Dear. 1991. *FZ* 9: 124–128.
(7) Wilmot–Dear. 1997. *Bothalia* 27: 125–128.

demersum L. var. **demersum**
C. demersum L. var. *demersum* forma *demersum* (1)
Perennial. Hydrophyte: plankton. Ht depending on depth of water. Alt 1–1700 m. N, B, LIM, G, M, S, KZN, WC, EC

demersum L. var. *demersum* forma *demersum* = **C. demersum** L. var. **demersum**

muricatum Cham. subsp. **muricatum**
C. submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear (2, 4, 6, 7)
C. submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear var. *echinatum* (A.Gray) Wilmot-Dear (1, 2, 6, 7)
Perennial. Hydrophyte: plankton. Ht depending on depth of water. Alt ± 5 m. KZN, WC

submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear = **C. muricatum** subsp. **muricatum**

submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear var. *echinatum* (A.Gray) Wilmot-Dear = **C. muricatum** subsp. **muricatum**

submersum L. subsp. **submersum** var. **submersum**
Possibly in South Africa, material too poor for identification (7)

CHENOPODIACEAE

Compiled by M.C. Makgakga

ARTHROCNEMUM Moq. 2255000

affine Moss = **Sarcocornia natalensis** var. **natalensis**

africanum Moss = **Sarcocornia natalensis** var. **natalensis**

ambiguum (Micheli) Moq. = **Sarcocornia perennis** var. **perennis**

capense Moss = **Sarcocornia capensis**

decumbens Tölken = **Sarcocornia decumbens**

dunense Moss = **Sarcocornia pillansii** var. **pillansii**

hottentoticum Moss = **Sarcocornia pillansii** var. **pillansii**

indicum (Willd.) Moq. = **Halosarcia indica**

littoreum Moss = **Sarcocornia littorea**

mossianum Tölken = **Sarcocornia mossiana**

namaquense Moss = **Sarcocornia pillansii** var. **pillansii**

natalense (Bunge ex Ung.-Sternb.) Moss var. *affine* (Moss) Tölken = **Sarcocornia natalensis** var. **affinis**

natalense (Bunge ex Ung.-Sternb.) Moss var. *natalense* = **Sarcocornia natalensis** var. **natalensis**

perenne (Mill.) Moss ex Fourc. = **Sarcocornia perennis** var. **perennis**

perenne (Mill.) Moss ex Fourc. var. *lignosum* (Woods) Moss = **Sarcocornia perennis** var. **lignosa**

pillansii Moss var. *dunense* (Moss) Tölken = **Sarcocornia pillansii** var. **dunensis**

pillansii Moss var. pillansii = **Sarcocornia pillansii** var. **pillansii**

terminale Tölken = **Sarcocornia terminalis**

variiflorum Moss = **Sarcocornia perennis** var. **perennis**

xerophilum Tölken = **Sarcocornia xerophila**

ATRIPLEX L. 2229000

(1) Hall & Clements. 1923. *Phylogenetic method*: 247, 248.
(2) Aellen. 1940. *Botanische Jahrbücher* 70: 383–401.
(3) Aellen. 1949. *Candollea* 12: 153–155.
(4) Brückner & Verdoorn. 1957. *Bothalia* 6: 416–421.
(5) Wilson. 1984. *Flora of Australia* 4: 84–132.
(6) Brenan. 1988. *FZ* 9,1: 144–147.

albicans Aiton = **Manochlamys albicans**

amboensis Schinz
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

campanulata Benth. = **A. eardleyae**

cinerea Poir. subsp. **bolusii** (C.H.Wright) Aellen var. **adamsonii** Aellen
Perennial. Shrub. Ht 1–5 m. Alt 600–1100 m. N, WC, EC

cinerea Poir. subsp. **bolusii** (C.H.Wright) Aellen var. **genuina** Aellen
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ± 1500 m. FS, L, NC, WC

***eardleyae** Aellen
A. campanulata Benth. (3)
Annual. Dwarf shrub. Ht 0.1–0.5 m. Alt 145–1000 m. NC, WC

erosa G.Brückn. & I.Verd.
A. laciniata L. (2)
A. rosea C.H.Wright (4)
A. tatarica Aellen (4)
Annual. Dwarf shrub. Ht 0.6–0.8 m. Alt 427–1420 m. FS, EC

farinosa Moq. = **A. patula** subsp. **verreauxii**

glauca C.H.Wright = **A. vestita** var. **appendiculata**

halimoides Lindl. = **A. lindleyi** subsp. **inflata**

halimus C.H.Wright = **A. vestita** var. **appendiculata**

hortensis L.
Annual. Herb. Ht 1–2.5 m. Alt? NC

inflata F.Muell. = **A. lindleyi** subsp. **inflata**

laciniata L. = **A. erosa**

lindleyi Moq. subsp. **inflata** (F.Muell.) Paul G.Wilson
A. halimoides Lindl. (5)
A. inflata F.Muell. (5)
Blackiella inflata (F.Muell.) Aellen (5)
Annual. Herb. Ht 0.13–0.5 m. Alt 1–1350 m. N, G, FS, NC, WC, EC

***lindleyi** Moq. subsp. **quadripartita** Paul G.Wilson
Annual. Herb. Ht ± 0.3 m. Alt? NC, WC

littoralis C.H.Wright = **A. patula** subsp. **verreauxii**

littoralis L.
Annual. Dwarf shrub. Ht 0.1–0.75 m. Alt 30–885 m. KZN, WC, EC

microphylla Willd. = **Exomis microphylla** var. **microphylla**

***muelleri** Benth.
Annual, occ. perennial. Dwarf shrub. Ht 0.3–1 m. Alt 106–1300 m. FS, NC, WC, EC

nitens Schkuhr
Annual. Dwarf shrub. Ht 0.4–2 m. Alt? FS

***nummularia** Lindl. subsp. **nummularia**
Perennial. Shrub. Ht 1–3 m. Alt 20–1350 m. LIM, NW, G, FS, NC, WC, EC

patula L. subsp. **austro-africana** Aellen
A. patula L. var. *angustifolia* Bolus & Wolley-Dod (2)
Annual. Dwarf shrub. Ht 0.3–0.45 m. Alt 5–90 m. KZN, WC

patula L. subsp. **verreauxii** Aellen
A. farinosa Moq. (2)
A. littoralis C.H.Wright (2)
A. verreauxii Moq. (2)
Annual. Dwarf shrub. Ht ± 0.3 m. Alt? KZN

patula L. var. *angustifolia* Bolus & Wolley-Dod = **A. patula** subsp. **austro-africana**

portulacoides C.H.Wright = **A. vestita** var. **appendiculata**

rosea C.H.Wright = **A. erosa**

rosea L.
Annual. Herb. Ht 0.5–1 m. Alt? FS, NC, WC

sarcocarpus Dinter = **Manochlamys albicans**

semibaccata R.Br. var. **appendiculata** Aellen
Annual, occ. perennial. Dwarf shrub. Ht 0.07–0.6 m. Alt 3–1900 m. N, LIM, NW, G, FS, KZN, L, NC, WC, EC

semibaccata R.Br. var. **typica** Aellen
Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 2–1524 m. N, NW, FS, NC, WC, EC

***spongiosa** F.Muell.
Annual. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 1435 m. FS, NC

suberecta I.Verd.
Annual. Herb. Ht 0.07–0.7 m. Alt 260–1370 m. N, NW, G, FS, NC, WC, EC

tatarica Aellen = **A. erosa**

verreauxii Moq. = **A. patula** subsp. **verreauxii**

vestita (Thunb.) Aellen var. **appendiculata** Aellen
A. glauca C.H.Wright (2)
A. halimus C.H.Wright (2)
A. portulacoides C.H.Wright (2)
Perennial. Shrub. Ht 1–2 m. Alt 5–1435 m. N, NW, FS, NC, WC, EC

vestita (Thunb.) Aellen var. **inappendiculata** Aellen
Perennial. Shrub. Ht 1–2 m. Alt 20–1300 m. FS, NC, WC, EC

BASSIA All. 2239010

(1) Botschantzev. 1973. *Botanisheskii Zhurnal* 58: 1462, 1463.
(2) Scott. 1978. *Feddes Repertorium* 89: 106–110.

diffusa (Thunb.) Kuntze
Chenolea diffusa Thunb. (2)
Chenopodium sericeum (Aiton) Spreng. (2)
Echinopsilon diffusum (Hornst.) Moq. (2)
Echinopsilon sericeum (Aiton) Moq. (2)
Kochia sericea (Aiton) Schrad. (2)
Salsola diffusa (Hornst.) Thunb. (2)
Salsola sericea Aiton (2)
Perennial. Herb. Ht 0.06–0.3 m. Alt 1–1220 m. N, KZN, NC, WC, EC

dinteri (Botsch.) A.J.Scott
Chenolea dinteri Botsch. (2)
Chenoleoides dinteri (Botsch.) Botsch. (2)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt ± 140 m. N, NC

indica (Wight) A.J.Scott
Kochia indica Wight (2)
Annual. Herb. Ht ± 0.25 m. Alt ± 1340 m. FS

salsoloides (Fenzl) A.J.Scott
Kochia pubescens Moq. (2)
Kochia pubescens Moq. var. *cinerascens* Moq. (2)
Kochia salsoloides Fenzl (2)
Annual. Dwarf shrub. Ht 0.38–1.06 m. Alt 20–1220 m. N, FS, NC, WC, EC

***BETA** L. 2221000

(1) Linnaeus. 1753. *Species plantarum* 1,1: 222.
(2) Ball. 1964. *Flora europaea* 1: 91, 92.

vulgaris L. subsp. **vulgaris**
Annual, occ. perennial. Herb. Ht 0.2–2 m. Alt ± 1130 m. WC, EC

BLACKIELLA Aellen 2229010

inflata (F.Muell.) Aellen = **Atriplex lindleyi** subsp. **inflata**

CAROXYLON Thunb. 2269010

brevifolium St.-Lag. = **Salsola aphylla**

divaricatum Moq. = **Salsola capensis**

salsola Thunb. = **Salsola aphylla**

tuberculatum Moq. = **Salsola tuberculata**

tuberculatum Moq. *β flavo-virens* Moq. = **Salsola gemmifera**

zeyheri Moq. in part = **Salsola contrariifolia**

zeyheri Moq. in part = **Salsola zeyheri**

CHENOLEA Thunb. 2238000

diffusa Thunb. = **Bassia diffusa**

dinteri Botsch. = **Bassia dinteri**

CHENOLEOIDES (Ulbr.) Botsch. 2238010

dinteri (Botsch.) Botsch. = **Bassia dinteri**

CHENOPODIUM L. 2223000

(1) Wright. 1912. *FC* 5,1: 435–440.
(2) Aellen. 1928. *Feddes Repertorium* 24: 214.
(3) Aellen. 1932–1933. *Verhandlungen der Naturforschenden Gesellschaft in Basel* 44,1: 308–312.
(4) Brenan. 1954. *FTEA* Chenopodiaceae: 2–14.
(5) Aellen. 1967. *FSWA* 32: 7–11.
(6) Hegi. 1979. *Illustrierte Flora von Mittel Europa* 3,2: 569–660.
(7) Brenan. 1988. *FZ* 9,1: 136–144.

***album** L.
Annual. Herb. Ht 0.1–1 m. Alt 2–2575 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

album of author, not of L.; Schinz in part = **C. hederiforme** var. **dentatum**

album of author, not of L.; Schinz in part = **C. olukondae**

amboanum (Murr) Aellen
C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *amboanum* Murr (5)
Annual. Herb. Ht 0.4–1 m. Alt? N

***ambrosioides** L.
Annual. Herb. Ht 0.25–1 m. Alt 5–2350 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

blitum F.Muell. = **C. foliosum**

***×bontei** Aellen
C. carinatum R.Br. × *C. cristatum* F.Muell. (3)
Annual. Herb. Ht ± 0.6 m. Alt ± 460 m. N, EC

***botryodes** Sm.
C. rubrum L. (2)
Annual. Herb, succulent. Ht 0.03–0.3 m. Alt ± 530 m. NC, WC

botrys of author, not of L.; Schinz = **C. schraderianum**

***carinatum** R.Br.
Annual. Herb. Ht 0.2–0.8 m. Alt 190–1900 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

carinatum R.Br. × *C. cristatum* F.Muell. = **C. ×bontei**

***cristatum** F.Muell.
Annual. Herb. Ht up to 0.6 m. Alt? LIM, NC

foetidum Schrad. = **C. schraderianum**

foetidum Schrad. subsp. *gracile* Aellen = **C. schraderianum**

foetidum Schrad. subsp. *pseudomultiflorum* Murr = **C. schraderianum**

foliosum Asch.
C. blitum F.Muell. (2)
C. virgatum Thunb. (2)
Annual. Herb. Ht 0.07–0.35 m. Alt ± 1920 m. M, NC, WC, EC

***giganteum** D.Don
Annual. Herb. Ht 1–3 m. Alt ± 1525 m. LIM, G, S, FS, NC, WC

***glaucum** L.
C. glaucum L. subsp. *marlothianum* (Murr) Thell. & Aellen (2)
Annual. Herb. Ht 0.1–0.25 m. Alt 915–1525 m. NW, G, M, FS, NC, EC

glaucum L. subsp. *marlothianum* (Murr) Thell. & Aellen = **C. glaucum**

hederiforme (Murr) Aellen var. **dentatum** Aellen
C. album of author, not of L.; Schinz in part (5)
C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *hederiforme* Murr (5)
C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *kalacharicum* Murr (5)
Annual. Herb. Ht 0.4–1.2 m. Alt 885–1160 m. N, B, NC

hederiforme (Murr) Aellen var. **undulatum** Aellen
Annual. Herb. Ht 0.15–0.3 m. Alt ± 1370 m. N, LIM, M, NC, EC

hircinum Schrad.
Annual. Herb. Ht ± 0.6 m. Alt? M

longidjawense Peter = **C. murale** var. **murale**

microphyllum Thunb. = **Exomis microphylla** var. **microphylla**

mucronatum Thunb.
C. vulvaria of author, not of L.; Range (5)
Annual. Herb. Ht 0.1–2 m. Alt 15–2561 m. N, B, G, S, FS, KZN, L, NC, WC, EC

mucronatum Thunb. subsp. *olukondae* Murr = **C. olukondae**

***multifidum** L.
Roubieva multifida (L.) Moq. (2)
Perennial. Herb. Ht 0.2–1 m. Alt 60–1900 m. NW, G, M, FS, KZN, L, WC, EC

murale L. var. *acutidentatum* Aellen = **C. murale** var. **murale**

***murale** L. var. **murale**
C. longidjawense Peter (4)
C. murale L. var. *acutidentatum* Aellen (2)
Annual. Herb. Ht 0.15–0.75 m. Alt 10–1900 m. N, B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

olukondae (Murr) Murr
C. album of author, not of L.; Schinz in part (5)
C. mucronatum Thunb. subsp. *olukondae* Murr (5)
C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *oluhondae* Murr (5)
Annual. Herb. Ht 0.3–1.5 m. Alt 940–1350 m. N, B, KZN, NC

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *amboanum* Murr = **C. amboanum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *hederiforme* Murr = **C. hederiforme** var. **dentatum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *kalacharicum* Murr = **C. hederiforme** var. **dentatum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *oluhondae* Murr = **C. olukondae**

opulifoliun Schrad. ex W.D.J.Koch & Ziz subsp. *petiolariforme* Aellen = **C. petiolariforme**

***opulifolium** Schrad. ex W.D.J.Koch & Ziz var. **opulifolium**
Annual. Herb. Ht 0.3–1 m. Alt ± 1400 m. B, S, KZN, NC, EC

petiolariforme (Aellen) Aellen
C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *petiolariforme* Aellen (5)
Annual. Herb. Ht ± 0.6 m. Alt ± 1370 m. N, LIM, NW, FS

phillipsianum Aellen
Annual. Herb. Ht 0.25–1.8 m. Alt 105–1735 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

***polyspermum** L.
Annual. Herb. Ht up to 1 m. Alt 335–1280 m. M

***pumilio** R.Br.
Annual. Herb. Ht 0.06–0.35 m. Alt 100–1435 m. N, G, M, KZN, WC, EC

rubrum L. = **C. botryodes**

***schraderianum** Roem. & Schult.
C. botrys of author, not of L.; Schinz (5)
C. foetidum Schrad. (4)
C. foetidum Schrad. subsp. *gracile* Aellen (2)
C. foetidum Schrad. subsp. *pseudomultiflorum* Murr (2)
Annual. Herb. Ht 0.1–1.3 m. Alt 425–2335 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

sericeum (Aiton) Spreng. = **Bassia diffusa**

stellulatum (Benth.) Aellen
Annual. Herb. Ht ± 0.6 m. Alt? NC

virgatum Thunb. = **C. foliosum**

vulvaria of author, not of L.; Range = **C. mucronatum**

ECHINOPSILON Moq. 2239000

diffusum (Hornst.) Moq. = **Bassia diffusa**

sericeum (Aiton) Moq. = **Bassia diffusa**

*EINADIA Raf. 2261010

(1) Wilson. 1984. *Flora of Australia* 4: 161–164.

nutans (R.Br.) A.J.Scott subsp. **nutans**
Rhagodia nutans R.Br. (1)
Perennial. Herb. Ht up to 0.8 m. Alt up to 600 m. NW, EC

EXOMIS Fenzl ex Moq. 2226000

(1) Aellen. 1940. *Botanische Jahrbücher* 70: 373–377.

atriplecoides Moq. = **Manochlamys albicans**

axyrioides C.H.Wright = **E. microphylla** var. **axyrioides**

axyrioides Drège = **E. microphylla** var. **axyrioides**

axyrioides Fenzl = **E. microphylla** var. **axyrioides**

microphylla (Thunb.) Aellen var. **axyrioides** (Fenzl) Aellen
E. axyrioides C.H.Wright (1)
E. axyrioides Drège (1)
E. axyrioides Fenzl (1)
Perennial. Shrub. Ht 0.2–0.9 m. Alt 5–1585 m. WC

microphylla (Thunb.) Aellen var. **microphylla**
Atriplex microphylla Willd. (1)
Chenopodium microphyllum Thunb. (1)
Perennial. Shrub. Ht 0.15–0.75 m. Alt 2–1385 m. N

oxyrioides of author, not of Fenzl, misapplied name = **Manochlamys albicans**

HALOPEPLIS Bunge ex Ung.-Sternb. 2249000

(1) Adamson . 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 359.
(2) Scott. 1977. *Botanical Journal of the Linnean Society* 75: 372.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 226.

amplexicaulis (Vahl) Bunge ex Ung.-Sternb.
Perennial. Herb. Ht 0.05–0.12 m. Alt? NW, NC

HALOSARCIA Peter G.Wilson 2255020

(1) Wilson. 1980. *Nuytsia* 3,1: 63–65.
(2) Brenan. 1988. *FZ* 9,1: 147–149.

indica (Willd.) Paul G.Wilson
Arthrocnemum indicum (Willd.) Moq. (2)
Salicornia indica (Willd.) Moq. (2)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? KZN

KOCHIA Roth 2240000

(1) Botschantzev. 1973. *Botanisheskii Zhurnal* 58: 1462, 1463.

ciliata F.Muell.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC

indica Wight = **Bassia indica**

pubescens Moq. = **Bassia salsoloides**

pubescens Moq. var. *cinerascens* Moq. = **Bassia salsoloides**

salsoloides Fenzl = **Bassia salsoloides**

sericea (Aiton) Schrad. = **Bassia diffusa**

***tomentosa** (Moq.) F.Muell. var. **tenuifolia** F.Muell.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC

tricophylla Stapf
Perennial. Dwarf shrub. Ht up to 0.76 m. Alt ± 1405 m. FS, EC

MANOCHLAMYS Aellen 2229020

(1) Aellen. 1967. *FSWA* 32:12.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 226.

albicans (Aiton) Aellen
Atriplex albicans Aiton (1)
Atriplex sarcocarpus Dinter (1)
Exomis atriplecoides Moq. (1)
Exomis oxyrioides of author, not of Fenzl, misapplied name (1)
Perennial. Shrub. Ht 0.25–0.8 m. Alt 5–1000 m. N, NC, WC, EC

RHAGODIA R.Br. 2222000

nutans R.Br. = **Einadia nutans** subsp. **nutans**

ROUBIEVA Moq. 2223010

multifida (L.) Moq. = **Chenopodium multifidum**

SALICORNIA L. 2257000

(1) Tölken. 1967. *Bothalia* 9: 296–300.
(2) Brenan. 1988. *FZ* 9,1: 153, 154.

ambigua Micheli = **Sarcocornia perennis** var. **perennis**

indica (Willd.) Moq. = **Halosarcia indica**

meyeriana Moss
Annual. Dwarf shrub. Ht 0.25–0.4 m. Alt 1–60 m. NC, WC, EC

natalensis Bunge ex Ung.-Sternb. = **Sarcocornia natalensis** var. **natalensis**

pachystachya Bunge ex Ung.-Sternb.
Annual. Dwarf shrub. Ht 0.1–0.4 m. Alt 1–25 m. KZN

perennis Mill. = **Sarcocornia perennis** var. **perennis**

perrieri A.Chev.
Annual. Herb. Ht 0.1–0.25 m. Alt ± 1 m. KZN

radicans Sm. = **Sarcocornia perennis** var. **perennis**

uniflora Tölken
Annual. Herb. Ht 0.1–0.2 m. Alt? WC

SALSOLA L. 2269000

(1) Botschantzev. 1974. *Kew Bulletin* 29,3: 597–614.
(2) Botschantzev. 1978. *Botanisheskii Zhurnal* 63,6: 832–834.
(3) Botschantzev. 1981. *Botanisheskii Zhurnal* 66: 1036–1040.
(4) Botschantzev. 1983. *Botanisheskii Zhurnal* 68: 1247–1249.
(5) Wilson. 1984. *Flora of Australia* 4: 313–317.

acocksii Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N

adisca Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? FS

adversariifolia Botsch.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? NC

aellenii Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? FS, WC

albida Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N, NC, WC

albisepala Aellen
Perennial. Shrub. Ht 1.5–3 m. Alt? N

angolensis Botsch.
S. flexuosa C.A.Sm. ex Ulbr. in part (1)
S. nollothensis in sense of Aellen in part (1)
Perennial. Shrub. Ht 0.9–1.5 m. Alt? NC, WC

aphylla L.f.
Caroxylon brevifolium St.-Lag. (1)
Caroxylon salsola Thunb. (1)
S. aphylla L.f. var. *canescens* Fenzl ex Drège (1)
S. caffra Sparrm. (1)
S. caroxylon Moq. (1)
Perennial. Shrub. Ht 1–3 m. Alt 60–1405 m. N, B, LIM, FS, NC, WC, EC

aphylla L.f. var. *canescens* Fenzl ex Drège = **S. aphylla**

aphylla L.f. var. *virescens* Fenzl ex Drège = **S. rabieana**

apiciflora Botsch.
S. tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part (1)
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? NC

apterygea Botsch.
Perennial. Shrub. Ht 0.9–1.5 m. Alt? NC, WC

araneosa Botsch.
S. candida Fenzl ex Drège (1)
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N, KZN, NC

arborea C.A.Sm. ex Aellen
Perennial. Shrub. Ht 1.5–3.5 m. Alt? N, NC

armata C.A.Sm. ex Aellen
S. engleri Ulbr. (1)
S. minutiflora C.A.Sm. ex Ulbr. (1)
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

aroabica Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N

atrata Botsch.
S. globulifera Fenzl (1)
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt? NW, NC

auriculata C.A.Sm. ex Ulbr. = **S. namibica**

australis R.Br. = **S. kali**

barbata Aellen
Perennial. Shrub. Ht 0.7–1 m. Alt? N, NC

bullata Fenzl ex Drège = **S. luederitzensis**

caffra Sparrm. = **S. aphylla**

calluna Fenzl ex C.H.Wright
S. nigrescens I.Verd. (1)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ± 1130 m. NC, WC

campyloptera Botsch.
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N

candida Fenzl ex Drège = **S. araneosa**

capensis Botsch.
Caroxylon divaricatum Moq. (1)
S. divaricata (Moq.) Moq. (1)
S. tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part (1)
Perennial. Dwarf shrub. Ht up to 0.1 m. Alt? NC

caroxylon Moq. = **S. aphylla**

cauliflora Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

ceresica Botsch.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? NC

columnaris Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt? N

contrariifolia Botsch.
Caroxylon zeyheri Moq. in part (1)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt? N, NC

cryptoptera Aellen
Perennial. Shrub. Ht up to 1 m. Alt? N, NC

dealata Botsch.
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt ± 1370 m. WC

decussata C.A.Sm. ex Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC, WC

denudata Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

diffusa (Hornst.) Thunb. = **Bassia diffusa**

dinteri Botsch.
S. subsericea C.A.Sm. ex Ulbr. (1)
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N

divaricata (Moq.) Moq. = **S. capensis**

dolichostigma Botsch.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? N

engleri Ulbr. = **S. armata**

eriosepala C.A.Sm. ex Ulbr. = **S. scopiformis**

esterhuyseniae Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? NC

etoshensis Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt? N

exalata Botsch.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? FS, NC

flexuosa C.A.Sm. ex Ulbr. in part = **S. angolensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. luederitzensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. nollothensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. pillansii**

garubica Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

geminiflora Fenzl ex C.H.Wright
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? FS, NC, EC

gemmata Botsch.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? N

gemmifera Botsch.
Caroxylon tuberculatum Moq. *β flavo-virens* Moq. (1)
S. tuberculata in sense of Aellen, misapplied name (1)
S. tuberculata (Moq.) Fenzl var. *flavo-virens* Fenzl ex Drège (1)
S. vermiformis C.A.Sm. ex Ulbr. (1)
Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt? FS, NC, EC

gemmipara Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC

giessii Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

glabra Botsch.
Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt? N

glabrescens Burtt Davy
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt? N, FS, NC, WC

glabrescens in sense of Aellen, not of Burtt Davy, misapplied name = **S. rabieana**

globulifera Fenzl = **S. atrata**

henriciae I.Verd.
Perennial. Dwarf shrub. Ht ± 1 m. Alt? FS, NC

hoanibica Botsch.
Perennial. Shrub. Ht 1.5–2 m. Alt? N

hottentottica Botsch.
Perennial. Shrub. Ht 1–1.5 m. Alt? N

huabica Botsch.
Perennial. Shrub. Ht 1.5–2.5 m. Alt? N

humifusa A.Brückn.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? NW, FS, NC

inaperta Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt? N, NC

kalaharica Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1100 m. FS, NC, WC

kali L.
S. australis R.Br. (5)
S. kali L. subsp. *austroafricana* Aellen (5)
S. ruthenica (Iljin) Soó (5)
Annual. Herb. Ht 0.4–0.6 m. Alt? N, NW, G, M, NC, WC, EC

kali L. subsp. *austroafricana* Aellen = **S. kali**

kleinfonteini Botsch.
Perennial. Shrub. Ht 0.8–1.2 m. Alt? N

koichabica Botsch.
Perennial. Shrub. Ht 0.9–1.5 m. Alt ± 800 m. N, NC

luederitzensis Botsch.
S. bullata Fenzl ex Drège (1)
S. flexuosa C.A.Sm. ex Ulbr. in part (1)
S. *nollothensis* in sense of Aellen in part (1)
Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt? N

marginata Botsch.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

melanantha Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? NC

merxmuelleri Aellen
Perennial. Shrub. Ht 2–2.5 m. Alt? N, NC, WC

microtricha Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NC

minutiflora C.A.Sm. ex Ulbr. = **S. armata**

minutifolia Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? WC

mirabilis Botsch.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

namaqualandica Botsch.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? NC

namibica Botsch.
S. auriculata C.A.Sm. ex Ulbr. (1)
S. zeyheri in sense of Aellen, misapplied name (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt? N

nigrescens I.Verd. = **S. calluna**

nollothensis Aellen
S. flexuosa C.A.Sm. ex Ulbr. in part (1)
Perennial. Shrub. Ht 1–2 m. Alt? N, NC

nollothensis in sense of Aellen in Merxm. in part, not of Aellen (1961) in part, misapplied name = **S. pillansii**

nollothensis in sense of Aellen in part = **S. angolensis**

nollothensis in sense of Aellen in part = **S. luederitzensis**

okaukuejensis Botsch.
Perennial. Dwarf shrub. Ht 0.6–0.8 m. Alt? N

omaruruensis Botsch.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

parviflora Botsch.
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N

patentipilosa Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NW, FS

pearsonii Botsch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? N

phillipsii Botsch.
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt ± 990 m. N

pillansii Botsch.
S. flexuosa C.A.Sm. ex Ulbr. in part (1)
S. nollothensis in sense of Aellen in Merxm. in part, not of Aellen (1961) in part, misapplied name (1)
Perennial. Shrub. Ht 1–2 m. Alt? N

procera Botsch.
Perennial. Shrub. Ht 1.5–3 m. Alt? N, NC

ptiloptera Botsch.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? N, NC

rabieana I.Verd.
S. aphylla L.f. var. *virescens* Fenzl ex Drège (1)
S. glabrescens in sense of Aellen, not of Burtt Davy, misapplied name (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt ± 945 m. N, LIM, NW, G, FS, NC, WC

robinsonii Botsch.
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? N, NC

ruschii Aellen
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

ruthenica (Iljin) Soó = **S. kali**

schreiberae Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

scopiformis Botsch.
S. eriosepala C.A.Sm. ex Ulbr. (1)
Perennial. Shrub. Ht 1.5–2 m. Alt? N

seminuda Botsch.
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt? N

sericata Botsch.
Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt? N, NC

sericea Aiton = **Bassia diffusa**

seydelii Botsch.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N

smithii Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? FS, NC

spenceri Botsch.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

squarrosula Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC

subsericea C.A.Sm. ex Ulbr. = **S. dinteri**

swakopmundi Botsch.
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N

tetramera Botsch.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? NC, WC

tuberculata in sense of Aellen, misapplied name = **S. gemmifera**

tuberculata (Moq.) Fenzl
Caroxylon tuberculatum Moq. (1)
Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt 185–2440 m. B

tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part = **S. apiciflora**

tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part = **S. capensis**

tuberculata (Moq.) Fenzl var. *flavo-virens* Fenzl ex Drège = **S. gemmifera**

tuberculata (Moq.) Fenzl var. *tomentosa* Aellen = **S. tuberculatiformis**

tuberculatiformis Botsch.
S. tuberculata (Moq.) Fenzl var. *tomentosa* Aellen (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? NC

ugabica Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N

unjabica Botsch.
Perennial. Shrub. Ht 1–1.8 m. Alt? N

verdoorniae Tölken
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt? WC

vermiformis C.A.Sm. ex Ulbr. = **S. gemmifera**

warmbadica Botsch.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? N

zeyheri (Moq.) Bunge
Caroxylon zeyheri Moq. in part (1)
Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt? N, NC, WC

zeyheri in sense of Aellen, misapplied name = **S. namibica**

SARCOCORNIA A.J.Scott 2255010

(1) Scott. 1977. *Botanical Journal of the Linnean Society* 75: 366–369.
(2) Brenan. 1988. *FZ* 9,1: 149–153.
(3) O'Callaghan & Oliver. 1992. *South African Journal of Botany* 58,6: 540.

capensis (Moss) A.J.Scott
Arthrocnemum capense Moss (1)
Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt up to 60 m. WC, EC

decumbens (Tölken) A.J.Scott
Arthrocnemum decumbens Tölken (1)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 2–27 m. WC, EC

littorea (Moss) A.J.Scott
Arthrocnemum littoreum Moss (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 1–30 m. WC, EC

mossiana (Tölken) A.J.Scott
Arthrocnemum mossianum Tölken (1)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt up to 60 m. WC

natalensis (Bunge ex Ung.-Sternb.) A.J.Scott var. **affinis** (Moss) O'Callaghan
Arthrocnemum natalense (Bunge ex Ung.-Sternb.) Moss var. *affine* (Moss) Tölken (3)
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt? N, NC, WC

natalensis (Bunge ex Ung.-Sternb.) A.J.Scott var. **natalensis**
Arthrocnemum affine Moss (1)
Arthrocnemum africanum Moss (1)
Arthrocnemum natalense (Bunge ex Ung.-Sternb.) Moss var. *natalense* (1)
Salicornia natalensis Bunge ex Ung.-Sternb. (1)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1–1525 m. N, KZN, NC, WC, EC

perennis (Mill.) A.J.Scott var. **lignosa** (Woods) O'Callaghan
Arthrocnemum perenne (Mill.) Moss ex Fourc. var. *lignosum* (Woods) Moss (3)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N, NC, WC, EC

perennis (Mill.) A.J.Scott var. **perennis**
Arthrocnemum ambiguum (Micheli) Moq. (1)
Arthrocnemum perenne (Mill.) Moss ex Fourc. (1)
Arthrocnemum variiflorum Moss (1)
Salicornia ambigua Micheli (1)
Salicornia perennis Mill. (1)
Salicornia radicans Sm. (1)
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 1–55 m. N, KZN, NC, WC, EC

pillansii (Moss) A.J.Scott var. **dunensis** (Moss) O'Callaghan
Arthrocnemum pillansii Moss var. *dunense* (Moss) Tölken (3)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

pillansii (Moss) A.J.Scott var. **pillansii**
Arthrocnemum dunense Moss (1)
Arthrocnemum hottentoticum Moss (1)
Arthrocnemum namaquense Moss (1)
Arthrocnemum pillansii Moss var. *pillansii* (1)
Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 5–120 m. N, NC, WC, EC

terminalis (Tölken) A.J.Scott
Arthrocnemum terminale Tölken (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt? WC

xerophila (Tölken) A.J.Scott
Arthrocnemum xerophilum Tölken (1)
Perennial. Shrub. Ht 0.5–1 m. Alt ± 260 m. NC, WC

SUAEDA Forssk. ex J.F.Gmel. 2261000

(1) Aellen. 1967. *FSWA* 32: 20–22.
(2) Brenan. 1988. *FZ* 9,1: 154–159.

articulata Aellen
Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt? N, B

caespitosa Wolley-Dod
Annual, occ. perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 5–2350 m. NC, WC, EC

fruticosa (L.) Forssk.
Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 10–1405 m. N, B, FS, NC, WC, EC

fruticosa of author, not of (L.) Forssk., misapplied name = **S. plumosa**

inflata Aellen
S. maritima Dumort. (1)
Annual, occ. perennial. Herb, succulent. Ht 0.02–0.06 m. Alt 900–1524 m. N, NC

maritima Dumort. = **S. inflata**

merxmuelleri Aellen

Perennial. Dwarf shrub, succulent. Ht 0.4–0.7 m. Alt? N, NC

plumosa Aellen

S. fruticosa of author, not of (L.) Forssk., misapplied name (1)

Perennial. Dwarf shrub, succulent. Ht 0.3–0.6 m. Alt 400–1035 m. N, B

CHRYSOBALANACEAE

Compiled by M. Jordaan

PARINARI Aubl. 3405000

(1) Graham. 1960. *FTEA* Rosaceae: 48–53.
(2) White. 1976. *Bulletin du Jardin Botanique National de Belgique* 46: 310–350.
(3) White. 1978. *FZ* 4: 36–41.

capensis Harv. subsp. **capensis**
P. capensis Harv. subsp. *latifolia* (Oliv.) R.A.Graham (2)
P. capensis Harv. var. *latifolia* Oliv. (2)
P. curatellifolia Planch. ex Benth. var. *fruticulosa* R.E.Fr. (2)
P. latifolia (Oliv.) Exell (2)
P. pumila Mildbr. (2)
Perennial, occ. annual. Dwarf shrub. Ht 0.05–0.3 m. Alt 900–1200 m. N, B, LIM, NW, G, M, S, KZN

capensis Harv. subsp. **incohata** F.White
P. capensis Harv. subsp. *latifolia* in sense of R.A.Graham, misapplied name (2)
P. curatellifolia in sense of J.H.Ross (2)
Perennial, occ. annual. Dwarf shrub. Ht 0.25–2.5 m. Alt 0–100 m. KZN

capensis Harv. subsp. *latifolia* in sense of R.A.Graham, misapplied name = **P. capensis** subsp. **incohata**

capensis Harv. subsp. *latifolia* (Oliv.) R.A.Graham = **P. capensis** subsp. **capensis**

capensis Harv. var. *latifolia* Oliv. = **P. capensis** subsp. **capensis**

chapelieri Baill. = **P. curatellifolia**

curatellifolia Planch. ex Benth.
P. chapelieri Baill. (2)
P. curatellifolia Planch. ex Benth. subsp. *mobola* (Oliv.) R.A.Graham (2)
P. gardineri Hemsl. (2)
P. mobola Oliv. (2)
Perennial. Tree. Ht 3–20 m. Alt 500–1500 m. N, B, LIM, M, S

curatellifolia in sense of J.H.Ross = **P. capensis** subsp. **incohata**

curatellifolia Planch. ex Benth. subsp. *mobola* (Oliv.) R.A.Graham = **P. curatellifolia**

curatellifolia Planch. ex Benth. var. *fruticulosa* R.E.Fr. = **P. capensis** subsp. **capensis**

gardineri Hemsl. = **P. curatellifolia**

latifolia (Oliv.) Exell = **P. capensis** subsp. **capensis**

mobola Oliv. = **P. curatellifolia**

pumila Mildbr. = **P. capensis** subsp. **capensis**

CLUSIACEAE

Compiled by C.L. Bredenkamp

GARCINIA L. 5199000

(1) Robson. 1961. *FZ* 1: 396–404.
(2) Killick & Robson. 1976. *FSA* 22: 20–23.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 170, 171.
(4) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 316, 360.

angolensis Vesque = **G. livingstonei**

gerrardii Harv. ex Sim
G. transvaalensis Burtt Davy (2)
Perennial. Tree, shrub, Ht 2.43–13 m. Alt 305–1850 m. M, S, KZN, EC

livingstonei T.Anderson
G. angolensis Vesque (2)
Perennial. Tree. Ht 0.55–12.24 m. Alt 30–945 m. N, B, LIM, M, S, KZN

transvaalensis Burtt Davy = **G. gerrardii**

COMBRETACEAE

Compiled by M. Jordaan

COMBRETUM Loefl. 5538000

(1) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 978.
(2) Codd. 1956. *The Flowering Plants of Africa* 31: t. 1230.
(3) Exell. 1960. *Kirkia* 7,1: 162–223.
(4) Exell. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 3–7.
(5) Exell. 1968. *Boletim da Sociedade Broteriana* 42: 15–28.
(6) Wickens. 1973. *FTEA* Combretaceae: 2–66.
(7) Exell. 1978. *FZ* 4: 101–160.
(8) Van Wyk. 1984. *South African Journal of Botany* 3: 125–134.
(9) Retief. 1986. *Bothalia* 16: 44, 45.
(10) Vollesen. 1986. *Kew Bulletin* 41: 962.
(11) Carr & Retief. 1989. *Bothalia* 19: 38–40.
(12) Hennessy. 1991. *The Flowering Plants of Africa* 51: t. 2027.
(13) Hennessy. 1991. *The Flowering Plants of Africa* 51: t. 2028.

acutifolium Exell = misidentified name for *FSA* plants

adenogonium Steud. ex A.Rich.
C. fragrans F.Hoffm. (10)
Perennial. Tree or shrub. Ht 4–12 m. Alt? B

albopunctatum Suess.
Perennial. Shrub, tree or climber. Ht up to 5 m. Alt 30–995 m. N, B

apiculatum Sond. subsp. **apiculatum**
Perennial. Tree or shrub. Ht 4–10 m. Alt 30–1830 m. N, B, LIM, NW, G, M, S, KZN

apiculatum Sond. subsp. **leutweinii** (Schinz) Exell
Perennial. Tree or shrub. Ht 4–10 m. Alt 900–1980 m. N, B

baumii Engl. & Gilg = **C. platypetalum** subsp. **baumii**

bracteosum (Hochst.) Brandis
Poivrea bracteosa Hochst. (4)
Perennial. Climber, tree or shrub. Ht 1–8 m. Alt 5–1220 m. KZN, EC

caffrum (Eckl. & Zeyh.) Kuntze
C. salicifolium E.Mey. ex Hook. (5)
Perennial. Tree. Ht 1–9 m. Alt 15–762 m. EC

celastroides Welw. ex M.A.Lawson subsp. **celastroides**
Perennial. Shrub. Ht 1–12 m. Alt 30–1150 m. N, B

celastroides Welw. ex M.A.Lawson subsp. **orientale** Exell
Perennial. Shrub or climber. Ht 2–5 m. Alt 50–120 m. LIM, KZN

collinum Fresen. subsp. **gazense** (Swynn. & Baker f.) Okafor
C. gazense Swynn. & Baker f. (7)
C. mechowianum O.Hoffm. (7)
Perennial. Tree. Ht 1–14 m. Alt 0–600 m. N, B, LIM, M

collinum Fresen. subsp. **ondongense** (Engl. & Diels) Okafor
C. ondongense Engl. & Diels (7)
Perennial. Tree. Ht 3–15 m. Alt 300–1465 m. N, B

collinum Fresen. subsp. **suluense** (Engl. & Diels) Okafor
C. suluense Engl. & Diels (7)
Perennial. Tree. Ht 2–8 m. Alt 270–1400 m. LIM, M, S, KZN

collinum Fresen. subsp. **taborense** (Engl.) Okafor
C. taborense Engl. (7)
Perennial. Tree. Ht 4–12 m. Alt 300–1163 m. LIM, M

dinteri Schinz = **C. psidioides** subsp. **dinteri**

edwardsii Exell
Perennial. Tree or shrub. Ht 2–5 m. Alt 0–1435 m. M, KZN, EC

elaeagnoides Klotzsch
Perennial. Tree or shrub. Ht up to 6 m. Alt 915–1005 m. N, B

engleri Schinz
Perennial. Tree or shrub. Ht 1.5–5 m. Alt 490–1525 m. N, B

erythrophyllum (Burch.) Sond.
C. glomeruliflorum Sond. (6)
Perennial. Tree or shrub. Ht 1–30 m. Alt 15–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

fragrans F.Hoffm. = **C. adenogonium**

gazense Swynn. & Baker f. = **C. collinum** subsp. **gazense**

glomeruliflorum Sond. = **C. erythrophyllum**

gueinzii Sond. = **C. molle**

hereroense Schinz
C. hereroense Schinz var. *villosissimum* Engl. & Diels (7)
C. transvaalense Schinz var. *villosissimum* (Engl. & Diels) Burtt Davy (7)
Perennial. Tree or shrub. Ht 3–5 m. Alt 30–1465 m. N, B, LIM, NW, G, M, S, KZN

hereroense Schinz var. *villosissimum* Engl. & Diels = **C. hereroense**

holosericeum Sond. = **C. molle**

imberbe Wawra
Perennial. Tree or shrub. Ht 7–15 m. Alt 185–1650 m. N, B, LIM, NW, G, M, S, KZN

kraussii Hochst.
Perennial. Tree or shrub. Ht 1–12 m. Alt 5–1980 m. LIM, M, S, KZN, EC

mechowianum O.Hoffm. = **C. collinum** subsp. **gazense**

microphyllum Klotzsch
C. paniculatum Vent. subsp. *microphyllum* (Klotzsch) Wickens (7)
Perennial. Shrub or climber. Ht 10–20 m. Alt 18–1220 m. LIM, M, S, KZN

mkuzense J.D.Carr & Retief
Perennial. Tree or shrub. Ht 4–9 m. Alt 45–152 m. KZN

moggii Exell
Perennial. Tree or shrub. Ht 1–5 m. Alt 433–1550 m. LIM, G, M

molle R.Br. ex G.Don
C. gueinzii Sond. (7)
C. holosericeum Sond. (7)
Perennial. Tree. Ht 1–12 m. Alt 30–1700 m. B, LIM, NW, G, M, S, FS, KZN

mossambicense (Klotzsch) Engl.
Perennial. Tree, shrub or climber. Ht 0.2–13 m. Alt 100–1675 m. N, B, LIM, M

nelsonii Dummer
Perennial. Tree or shrub. Ht 1.5–4 m. Alt? LIM, M

oatesii Rolfe = **C. platypetalum** subsp. **oatesii**

ondongense Engl. & Diels = **C. collinum** subsp. **ondongense**

oxystachyum Welw. ex M.A.Lawson
Perennial. Shrub or climber. Ht 0.5–2 m. Alt 900–1163 m. N

padoides Engl. & Diels
Perennial. Tree or shrub. Ht 2–3 m. Alt 30–855 m. M

paniculatum Vent. subsp. *microphyllum* (Klotzsch) Wickens = **C. microphyllum**

petrophilum Retief
Perennial. Tree or shrub. Ht 2–4 m. Alt 977–1000 m. LIM, M

platypetalum Welw. ex M.A.Lawson subsp. **baumii** (Engl. & Gilg) Exell
C. baumii Engl. & Gilg (7)
Perennial. Shrub or dwarf shrub. Ht 0.6–2 m. Alt 915–1400 m. N

platypetalum Welw. ex M.A.Lawson subsp. **oatesii** (Rolfe) Exell
C. oatesii Rolfe (7)
Perennial. Shrub or dwarf shrub. Ht 0.15–0.5 m. Alt? B

platypetalum Welw. ex M.A.Lawson subsp. **platypetalum**
Perennial. Shrub or dwarf shrub. Ht 1–2 m. Alt? N

psidioides Welw. subsp. **dinteri** (Schinz) Exell
C. dinteri Schinz (7)
Perennial. Tree. Ht 2.5–9 m. Alt 0–1950 m. N

psidioides Welw. subsp. **psidioides**
Perennial. Tree. Ht 2–10 m. Alt 0–1005 m. N, B

salicifolium E.Mey. ex Hook. = **C. caffrum**

schumannii Engl.
Perennial. Tree or shrub. Ht 2–18 m. Alt? N, B

suluense Engl. & Diels = **C. collinum** subsp. **suluense**

taborense Engl. = **C. collinum** subsp. **taborense**

transvaalense Schinz var. *villosissimum* Burtt Davy = **C. hereroense**

vendae A.E.van Wyk
Perennial. Tree or shrub. Ht 1.5–4 m. Alt? LIM

wattii Exell
Perennial. Tree or shrub. Ht 4–6 m. Alt? N

woodii Dummer
Perennial. Tree, shrub or climber. Ht 1–10 m. Alt 45–1370 m. M, S, KZN

zeyheri Sond.
Perennial. Tree or shrub. Ht 2–12 m. Alt 45–1600 m. N, B, LIM, NW, G, M, S, KZN

LUMNITZERA Willd. 5550000

(1) Wickens. 1973. *FTEA* Combretaceae: 93–95.
(2) Exell. 1978. *FZ* 4: 181–183.

racemosa Willd. var. **racemosa**
Perennial. Tree or shrub. Ht 1–9 m. Alt 0–50 m. KZN

POIVREA Comm. 5538010

bracteosa Hochst. = **Combretum bracteosum**

PTELEOPSIS Engl. 5539000

(1) Wickens. 1973. *FTEA* Combretaceae: 70–73.
(2) Exell. 1978. *FZ* 4: 162–166.

anisoptera (Welw. ex M.A.Lawson) Engl. & Diels, misidentified name for *FSA* plants

myrtifolia (M.A.Lawson) Engl. & Diels
Perennial. Tree. Ht 2–22 m. Alt 20–1050 m. B, LIM, KZN

QUISQUALIS L. 5541000

(1) Wickens. 1973. *FTEA* Combretaceae: 67–70.
(2) Carr. 1986. *The Flowering Plants of Africa* 49: t. 1925.

parviflora Gerrard ex Sond.
Perennial. Climber. Ht 1–15 m. Alt 45–610 m. KZN, EC

TERMINALIA L. 5544000

(1) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1407.
(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1565.
(3) Wickens. 1973. *FTEA* Combretaceae: 73–93.
(4) Exell. 1978. *FZ* 4: 166–181.

brachystemma Welw. ex Hiern subsp. **brachystemma**
Perennial. Tree. Ht 2–8 m. Alt 560–1950 m. N, B, LIM

phanerophlebia Engl. & Diels
Perennial. Tree or shrub. Ht 1–10 m. Alt 50–915 m. M, S, KZN

prunioides M.A.Lawson
Perennial. Tree or shrub. Ht 3–15 m. Alt 275–1525 m. N, B, LIM, M

randii Baker f.
Perennial. Tree. Ht 3–12 m. Alt 0–1065 m. B

sericea Burch. ex DC.
Perennial. Tree. Ht 3–16 m. Alt 45–1920 m. N, B, LIM, NW, G, M, S, KZN, NC

stenostachya Engl. & Diels
Perennial. Tree or shrub. Ht 4–12 m. Alt 275–1000 m. B

stuhlmannii Engl.
Perennial. Tree or shrub. Ht 2–12 m. Alt? N, B

trichopoda Diels
Perennial. Tree. Ht 2–9 m. Alt 0–1065 m. N, B

CONNARACEAE

Compiled by M. Jordaan

BYRSOCARPUS Thonn. ex Schumach. 3421000

coccineus in sense of Eyles = **Rourea orientalis**

orientalis (Baill.) Baker = **Rourea orientalis**

tomentosus G.Schellenb. = **Rourea orientalis**

CNESTIS Juss. 3428000

(1) Mendes. 1966. *FZ* 2: 615, 616.
(2) Lemmens. 1989. *Agricultural University Wageningen Papers* 89-6: 174–238.

natalensis (Hochst.) Planch. & Sond. = **C. polyphylla**

polyphylla Lam.
C. natalensis (Hochst.) Planch. & Sond. (2)
Zanthoxylum natalense Hochst. ex C.Krauss (2)
Perennial. Climber, shrub or tree. Ht 2–4 m. Alt 300–1200 m. LIM, M, S, KZN, EC

ROUREA Aubl. 3424000

(1) Mendes. 1966. *FZ* 2: 622–627.
(2) Jongkind. 1989. *Agricultural University Wageningen Papers* 89-6: 310–368.

orientalis Baill.
Byrsocarpus coccineus in sense of Eyles, misapplied name (2)
Byrsocarpus orientalis (Baill.) Baker (2)
Byrsocarpus tomentosus G.Schellenb. (2)
Perennial. Climber, shrub or tree. Ht 1–6 m. Alt 200–1600 m. N, B

CONVOLVULACEAE

Compiled by W.G. Welman

ANISEIA Choisy 6992000

calystegioides E.Mey. ex Choisy = **Ipomoea crassipes**

hackeliana Schinz = **Ipomoea hackeliana**

ARGYREIA Lour. 7009000

? *laxiflora* Baker = **Stictocardia laxiflora**

ASTRIPOMOEA A.Meeuse 7000000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 66–69.

lachnosperma (Choisy) A.Meeuse
Astrochlaena lachnosperma (Choisy) Hallier f. (1)
Ipomoea lachnosperma Choisy (1)
Annual. Shrub, herb. Ht 0.5–1.25 m. Alt 350–2600 m. N, B

malvacea (Klotzsch) A.Meeuse
Astrochlaena malvacea (Klotzsch) Hallier f. (1)
Breweria malvacea Klotzsch (1)
Perennial. Dwarf shrub, herb. Ht 0.45–2 m. Alt 60–2240 m. KZN

rotundata (Pilg.) A.Meeuse
Astrochlaena rotundata Pilg. (1)
Perennial. Herb. Length 0.4–1.2 m. Alt? N, B

ASTROCHLAENA Hallier f. 7000010

lachnosperma (Choisy) Hallier f. = **Astripomoea lachnosperma**

malvacea (Klotzsch) Hallier f. = **Astripomoea malvacea**

rotundata Pilg. = **Astripomoea rotundata**

BONAMIA Thouars 6979000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 29–31.

capensis (E.Mey. ex Choisy) Burtt Davy = **Seddera capensis**

schizantha (Hallier f.) A.Meeuse = **Seddera schizantha**

suffruticosa (Schinz) Burtt Davy & R.Pott-Leendertz = **Seddera suffruticosa**

velutina Verdc.
Perennial. Herb, suffrutex. Ht 0.3–1 m. Alt 100–1070 m. B, LIM, KZN

BREWERIA R.Br. 6979020

capensis (E.Mey. ex Choisy) Baker = **Seddera capensis**

malvacea Klotzsch = **Astripomoea malvacea**

suffruticosa Schinz = **Seddera suffruticosa**

CALYCANTHEMUM Klotzsch 7003010

leucanthemum Klotzsch = **Ipomoea leucanthemum**

CALYSTEGIA R.Br. 6994000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 49–51.

***sepium** (L.) R.Br.
Convolvulus sepium L. (1)
Perennial. Herb, climber. Length 1–3 m. Alt? WC

soldanella (L.) R.Br. ex Roem. & Schult.
Convolvulus soldanella L. (1)
Perennial. Herb, straggler. Length 0.2–0.5 m. Alt 5–10 m. WC

CERVIA Rodr. 7011000

disperma (L.f.) Hayek = **Rochelia disperma**

CONVOLVULUS L. 6993000

(1) Meeuse & Welman. 2000 *FSA* 28,1: 35–48.

albivenius Lindl. = **Ipomoea albivenia**

alceifolius Lam. = **C. capensis**

alsinoides L. = **Evolvulus alsinoides**

argillicola Pilg.
Perennial. Herb. Length 0.2–0.7 m. Alt 1100–1740 m. N

***arvensis** L.
Perennial. Herb, climber. Length 0.75–1.75 m. Alt 5–1660 m. NW, G, M, FS, KZN, L, NC, WC, EC

aschersonii Engl.
C. sagittatus Thunb. var. *aschersonii* (Engl.) Verdc. (1)
Perennial. Herb. Length 0.5–2 m. Alt 1000–1500 m. LIM, NW, G

bidentatus Bernh. ex C.Krauss
C. hastatus Thunb. (1)
Perennial. Herb, climber. Length 0.5–3 m. Alt 30–915 m. WC, EC

boedeckerianus Peter
Perennial. Herb. Length 0.1–0.6 m. Alt 1220–1525 m. NW, FS, NC, EC

brasiliensis L. = **Ipomoea pes-caprae** subsp. **brasiliensis**

bullerianus Rendle = **C. natalensis**

cairicus L. = **Ipomoea cairica**

calycinus E.Mey. ex Drège = **C. natalensis**

capensis Burm.f.
C. alceifolius Lam. (1)
C. capensis Burm.f. var. *bowieanus* (Rendle) A.Meeuse (1)
C. capensis Burm.f. var. *plicatus* (Desr.) Baker (1)
C. filiformis Thunb. (1)
C. inconspicuus Hallier f. (1)
Ipomoea bowieana (Rendle) Baker
Perennial. Herb, climber. Length 0.2–1.5 m. Alt 60–765 m. NC, WC, EC

capensis Burm.f. var. *bowieanus* (Rendle) A.Meeuse = **C. capensis**

capensis Burm.f. var. *plicatus* (Desr.) Baker = **C. capensis**

copticus L. = **Ipomoea coptica**

cordifolius Thunb. = **C. farinosus**

crispus Thunb. = **Ipomoea crispa**

dinteri Pilg. = **C. ocellatus**

dregeanus Choisy
C. liniformis Rendle (1)
Perennial. Herb. Length 0.1–0.3 m. Alt 1280–1675 m. NW, G, M, FS, NC, WC, EC

farinosus L.
C. cordifolius Thunb. (1)

Perennial. Herb, climber. Length 0.75–2.5 m. Alt 5–1890 m. LIM, NW, G, M, S, KZN, L, WC, EC

filiformis Thunb. = **C. capensis**

galpinii C.H.Wright
Perennial. Herb. Length 0.2–0.6 m. Alt 1830–2010 m. EC

hastatus Thunb. = **C. bidentatus**

inconspicuus Hallier f. = **C. capensis**

indicus Burm.f. = **Ipomoea indica**

linifolius L. = **Evolvulus alsinoides**

liniformis Rendle = **C. dregeanus**

malabaricus L. = **Hewittia malabarica**

multifidus Hallier f. = **C. ocellatus**

multifidus Thunb.
C. thunbergii Hallier f. (1)
Perennial. Herb. Length 0.15–0.75 m. Alt 1000–1355 m. NW, FS, NC, EC

natalensis Bernh. ex Krauss
C. bullerianus Rendle (1)
C. calycinus E.Mey. ex Drège (1)
C. natalensis Bernh. ex Krauss var. *angustifolia* C.H.Wright (1)
C. natalensis Bernh. ex Krauss var. *integrifolia* C.H.Wright (1)
C. natalensis Bernh. ex Krauss var. *transvaalensis* (Schltr.) A.Meeuse (1)
Perennial. Herb. Length 0.3–1 m. Alt 10–1950 m. LIM, M, S, FS, KZN, EC

natalensis Bernh. ex Krauss var. *angustifolia* C.H.Wright = **C. natalensis**

natalensis Bernh. ex Krauss var. *integrifolia* C.H.Wright = **C. natalensis**

natalensis Bernh. ex Krauss var. *transvaalensis* (Schltr.) A.Meeuse = **C. natalensis**

nil L. = **Ipomoea nil**

nummularius L. = **Evolvulus nummularius**

obscurus L. = **Ipomoea obscura** var. **obscura**

ocellatus Hook.f.
C. dinteri Pilg. (1)
C. multifidus Hallier f. (1)
C. ocellatus Hook.f. var. *ornatus* (Engl.) A.Meeuse (1)
Perennial. Herb. Length 0.2–0.6 m. Alt 950–1695 m. N, B, NW, G, FS, NC

ocellatus Hook.f. var. *ornatus* (Engl.) A.Meeuse = **C. ocellatus**

oenotherae Vatke = **Ipomoea oenotherae**

oenotheroides L.f. = **Ipomoea oenotheroides**

ochraceus Lindl. = **Ipomoea ochracea** var. **ochracea**

purpureus L. = **Ipomoea purpurea**

sagittatus Thunb.
C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *graminifolius* (Hallier f.) Baker & C.H.Wright ex A.Meeuse (1)
C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *grandiflorus* (1)
C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *linearifolius* (Hallier f.) Baker & C.H.Wright ex A.Meeuse (1)
C. sagittatus Thunb. subsp. *sagittatus* var. *hirtellus* (Hallier f.) A.Meeuse (1)
C. sagittatus Thunb. subsp. *sagittatus* var. *namaquensis* A.Meeuse (1)
C. sagittatus Thunb. subsp. *sagittatus* var. *phyllosepalus* (Hallier f.) A.Meeuse (1)
C. sagittatus Thunb. subsp. *sagittatus* var. *ulosepalus* (Hallier f.) Verdc. (1)
C. ulosepalus Hallier f. (1)
Perennial. Herb. Length 0.3–2 m. Alt 155–2045 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *graminifolius* (Hallier f.) Baker & C.H.Wright ex A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *grandiflorus* = **C. sagittatus**

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *linearifolius* (Hallier f.) Baker & C.H.Wright ex A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *hirtellus* (Hallier f.) A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *namaquensis* A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *phyllosepalus* (Hallier f.) A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *ulosepalus* (Hallier f.) Verdc. = **C. sagittatus**

sagittatus Thunb. var. *aschersonii* (Engl.) Verdc. = **C. aschersonii**

sepium L. = **Calystegia sepium**

soldanella L. = **Calystegia soldanella**

thunbergii Hallier f. = **C. multifidus**

thunbergii Roem. & Schult.
Perennial. Herb. Length 0.2–0.7 m. Alt 610–2620 m. LIM, NW, G, M, FS, KZN, L, EC

trilobus Thunb. = **Ipomoea ficifolia**

ulosepalus Hallier f. = **C. sagittatus**

wightii Wall. = **Ipomoea wightii**

CUSCUTA L. 6968000

(1) Meeuse & Welman. 2000. *FSA* 28.1: 3–15.

africana Willd.
C. alpestris Fourc. (1)
C. capensis Choisy (1)
Annual, occ. perennial. Herb, parasite. Ht 0.01–0.03 m. Alt 155–900 m. WC, EC

alpestris Fourc. = **C. africana**

angulata Engelm.
C. falkiiformis Schltr. (1)
Perennial. Herb, parasite. Ht 0.01–0.05 m. Alt 30–765 m. WC

appendiculata Engelm.
C. appendiculata Engelm. var. *macroflora* Yunck. (1)
Annual. Herb, parasite. Ht 0.01–0.04 m. Alt 45–1730 m. M, FS, NC, WC, EC

appendiculata Engelm. var. *macroflora* Yunck. = **C. appendiculata**

australis R.Br.
C. obtusiflora Humb., Bonpl. & Kunth var. *cordofana* Engelm. (1)
Annual. Herb, parasite. Ht 0.01–0.04 m. Alt? B, LIM, G

balansae Boiss. & Reut. var. *mossamedensis* (Hiern) Yunck. = **C. planiflora** var. **planiflora**

bifurcata Yunck.
Annual. Herb, parasite. Ht 0.01–0.04 m. Alt ?–1370 m. WC, EC

***campestris** Yunck.

Annual. Herb, parasite. Ht 0.02–0.2 m. Alt 85–2125 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

capensis Choisy = **C. africana**

cassytoides Engelm.
C. timorensis Engelm. (1)
Annual, occ. perennial. Herb, parasite. Ht 0.02–0.2 m. Alt 5–1525 m. LIM, M, S, KZN, WC, EC

cucullata Yunck. = **C. gerrardii**

***epithymum** Murray
Annual. Herb, parasite. Ht 0.01–0.05 m. Alt ?–1280 m. G, M, EC

epitribulum Schinz = **C. hyalina**

falkiiformis Schltr. = **C. angulata**

gerrardii Baker
C. cucullata Yunck. (1)
Annual. Herb, parasite. Ht 0.01–0.1 m. Alt 600–1370 m. KZN

hyalina Roth
C. epitribulum Schinz (1)
Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? N, LIM, NC

kilimanjari Oliv.
Annual, occ. perennial. Herb, parasite. Ht 0.01–0.1 m. Alt 945–1325 m. LIM

madagascarensis Yunck. = **C. planiflora** var. **madagascarensis**

medicaginis C.H.Wright = **C. suaveolens**

natalensis Baker
Annual. Herb, parasite. Ht 0.01–0.15 m. Alt 400–1100 m. KZN, EC

nitida Choisy
Perennial. Herb, parasite. Ht 0.01–0.05 m. Alt 30–1070 m. WC

obtusiflora Humb., Bonpl. & Kunth var. *cordofana* Engelm. = **C. australis**

planiflora Ten. var. **madagascarensis** (Yunck.) Verdc.
C. madagascarensis Yunck. (1)
Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? LIM

planiflora Ten. var. *mossamedensis* Hiern = **C. planiflora** var. **planiflora**

planiflora Ten. var. **planiflora**
C. balansae Boiss. & Reut. var. *mossamedensis* (Hiern) Yunck. (1)
C. planiflora Ten. var. *mossamedensis* Hiern (1)
C. pretoriana Yunck. (1)
Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? N, G

pretoriana Yunck. = **C. planiflora** var. **planiflora**

***suaveolens** Ser.
C. medicaginis C.H.Wright (1)
Annual. Herb, parasite. Ht 0.01–0.1 m. Alt ?–1695 m. G, M, EC

timorensis Engelm. = **C. cassytoides**

DICHONDRA J.R.Forst. & G.Forst. 6971000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 16–18.

micrantha Urb.
D. repens of authors, not of J.R.Forst. & G.Forst. (1)
Perennial. Herb. Ht 0.03–0.1 m. Alt 5–1715 m. LIM, NW, G, M, KZN

repens of authors, not of J.R.Forst. & G.Forst. = **D. micrantha**

EVOLVULUS L. 6973000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 22–24.

alsinoides (L.) L.
Convolvulus alsinoides L. (1)
Convolvulus linifolius L. (1)
E. alsinoides (L.) L. var. *linifolius* (L.) Baker (1)
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 5–1650 m. N, B, LIM, NW, G, M, S, KZN, NC

alsinoides (L.) L. var. *linifolius* (L.) Baker = **E. alsinoides**

capensis E.Mey. ex Choisy = **Seddera capensis**

nummularius (L.) L.
Convolvulus nummularius L. (1)
Perennial. Herb. Length 0.1–0.5 m. Alt 25–320 m. S, KZN

FALKIA Thunb. 6972000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 19–21.

dichondroides Baker = **F. repens**

diffusa (Choisy) Hallier f. = **F. repens**

oblonga Bernh. ex C.Krauss
Perennial. Herb. Ht 0.02–0.1 m. Alt 45–1740 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

repens Thunb.
F. dichondroides Baker (1)
F. diffusa (Choisy) Hallier f. (1)
F. villosa Hallier f. (1)
Perennial. Herb. Ht 0.02–0.1 m. Alt 5–1220 m. WC, EC

villosa Hallier f. = **F. repens**

HEWITTIA Wight & Arn. 6995000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 52–54.

bicolor (Vahl) Wight & Arn. = **H. malabarica**

malabarica (L.) Suresh
Convolvulus malabaricus L. (1)
H. bicolor (Vahl) Wight & Arn. (1)
H. scandens (Milne) Mabb. (1)
H. sublobata (L.f.) Kuntze (1)
Perennial. Herb, climber. Length 1–3 m. Alt 5–945 m. LIM, M, S, KZN, EC

scandens (Milne) Mabb. = **H. malabarica**

sublobata (L.f.) Kuntze = **H. malabarica**

IPOMOEA L. 7003000

(1) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1189.
(2) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1201.
(3) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1203.
(4) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1209.
(5) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1217A.
(6) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1217B.
(7) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1221.
(8) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1222.
(9) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1271.
(10) Meeuse. 1959. *The Flowering Plants of Africa* 33: t. 1301.
(11) Meeuse. 1961. *The Flowering Plants of Africa* 34: t. 1360.
(12) Welman *et al.* 1999. *Flowering Plants of Africa* 56: t. 2157.
(13) Meeuse & Welman. 2000. *FSA* 28,1: 70–120.

acuminata (Vahl) Roem. & Schult. = **I. indica**

adenioides Schinz (12)
I. marlothii Engl. (13)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 400–1100 m. N, B, LIM, G, M

***alba** L.

Annual, occ. perennial. Herb, climber. Length 0.5–5 m. Alt 5–700 m. M, KZN, EC

albivenia (Lindl.) Sweet
Convolvulus albivenius Lindl. (13)
I. gerrardii Hook.f. (13)
Perennial. Shrub, climber. Ht 0.5–5 m. Alt 45–1700 m. LIM, M, S, KZN

angustifolia Jacq. = **Xenostegia tridentata** subsp. **angustifolia**

angustisecta Engl. = **I. bolusiana**

aquatica Forssk.
I. natans Dinter & Suess. (13)
I. reptans Roem. & Schult. (13)
Perennial, occ. annual. Herb. Length 0.3–3 m. Alt 5–1050 m. N, B, KZN

arachnosperma Welw. = **I. dichroa**

argyreoides Choisy = **I. oenotheroides**

atherstonei Baker = **I. oblongata**

barrettii Rendle = **I. oenotheroides**

bathycolpos Hallier f.
I. bathycolpos Hallier f. var. *sinuatodentata* Hallier f. (13)
Perennial. Herb. Length 0.5–2 m. Alt 795–1735 m. LIM, NW, G, M, FS

bathycolpos Hallier f. var. *sinuatodentata* Hallier f. = **I. bathycolpos**

bellecomans Rendle = **I. crassipes**

bipinnatipartita Engl. = **Merremia bipinnatipartita**

bisavium A.Meeuse (11)
Perennial. Climber. Length 0.5–7 m. Alt 1050–1100 m. LIM

blepharosepala Hochst. ex A.Rich. = **I. sinensis** subsp. **blepharosepala**

bolusiana Schinz
I. angustisecta Engl. (13)
I. bolusiana Schinz var. *pinnatipartita* Verdc. (13)
I. mesenterioides Hallier f. (13)
I. praetermissa Rendle (13)
I. simplex of author, not of Thunb.; Hook. (13)
Perennial. Dwarf shrub, herb. Length 0.2–3 m. Alt 45–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

bolusiana Schinz var. *pinnatipartita* Verdc. = **I. bolusiana**

bowieana (Rendle) Baker = **Convolvulus capensis**

cairica (L.) Sweet
Convolvulus cairicus L. (13)
Perennial. Herb, climber. Length 0.5–2 m. Alt 5–975 m. B, LIM, M, S, KZN, EC

calcarata N.E.Br. = **I. tuberculata**

cardiosepala Hochst. ex Baker & C.H.Wright = **I. sinensis** subsp. **blepharosepala**

carnea Jacq. subsp. **fistulosa** (Mart. ex Choisy) D.F.Austin
I. fistulosa Mart. ex Choisy (13)
Perennial. Shrub, scrambler. Ht 0.5–3 m. Alt 300–1300 m. LIM, M, KZN

chloroneura Hallier f.
Annual. Herb. Ht 0.25–0.45 m. Alt 915–1525 m. N, B, LIM

congesta R.Br. = **I. indica**

consimilis Schulze-Menz
I. urbaniana in sense of J.H.Ross, not of (Dammer) Hallier f. (13)
Perennial. Climber, subshrub. Length 0.5–5 m. Alt 15–100 m. KZN

contorta Choisy = **I. crispa**

convolvuloides Hallier f. = **I. transvaalensis**

coptica (L.) Roth ex Roem. & Schult. (5)
Convolvulus copticus L. (13)
I. dissecta Willd. (13)
Annual. Herb, climber. Length 0.15–1.5 m. Alt 245–1150 m. N, B, LIM, G, M, KZN

coscinosperma Hochst. ex Choisy
Annual. Herb. Length 0.3–3 m. Alt 120–1065 m. N, B, LIM, NW, G, M, S, KZN

crassipes Hook.
Aniseia calystegioides E.Mey. ex Choisy (13)
I. bellecomans Rendle (13)
I. greenstockii Rendle (13)
I. sarmentacea Rendle (13)
Perennial. Herb. Length 0.2–0.75 m. Alt 15–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

crispa (Thunb.) Hallier f.
Convolvulus crispus Thunb. (13)
I. contorta Choisy (13)
I. undulata Baker ex Baker & C.H.Wright (13)
Perennial. Herb. Length 0.25–0.75 m. Alt 545–800 m. EC

dammarana Rendle = **I. verbascoidea**

dasysperma Jacq. = **I. tuberculata**

dichroa Choisy (3)
I. arachnosperma Welw. (13)
Annual. Climber. Length 0.5–2.5 m. Alt 70–1220 m. N, B, LIM, G, M, S

digitata in sense of A.Meeuse, not of L. = **I. mauritiana**

dinteri Schulze-Menz = **I. lapathifolia**

dissecta Willd. = **I. coptica**

eenii Rendle = **I. magnusiana**

eriocarpa R.Br.
Annual. Herb, climber. Length 1–2 m. Alt 275–915 m. B, LIM, G, M

fanshawei Verdc.
Perennial. Herb. Length 0.3–0.5 m. Alt 1000–1100 m. B

ficifolia Lindl.
Convolvulus trilobus Thunb. (13)
Perennial. Herb, climber. Length 0.5–2.5 m. Alt 5–1220 m. S, KZN, EC

fistulosa Mart. ex Choisy = **I. carnea** subsp. **fistulosa**

fragilis Choisy = **I. obscura** var. **obscura**

fulvicaulis (Hochst. ex Choisy) Boiss. ex Hallier f. var. **fulvicaulis**
Perennial. Herb. Length 0.2–2 m. Alt 1500–1700 m. N, B

gerrardiana Rendle = **I. purpurea**

gerrardii Hook.f. = **I. albivenia**

gracilisepala Rendle (6)
I. xiphosepala Baker (13)
Annual. Herb. Length 0.3–1 m. Alt 640–1525 m. LIM, NW, G, M

greenstockii Rendle = **I. crassipes**

hackeliana (Schinz) Hallier f.
Aniseia hackeliana Schinz (13)
Annual. Herb. Ht 0.2–1.2 m. Alt 855–1200 m. N, B, LIM, NC

hederacea of authors, not of Jacq. = **I. nil**

heptaphylla in sense of A.Meeuse, not of (Roxb.) Voigt = **I. tenuipes**

hochstetteri House (1)
I. kwebensis N.E.Br. (13)
I. quinquefolia Hochst. ex Hallier f. (13)
Annual. Herb, climber. Length 0.5–3 m. Alt 795–1220 m. N, B, LIM, G, M, S

holubii Baker (9)
Turbina holubii (Baker) A.Meeuse (13)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 580–1675 m. N, B, LIM, NW, M

inamoena Pilg. = **I. welwitschii**

***indica** (Burm.f.) Merr.
Convolvulus indicus Burm.f. (13)
I. acuminata (Vahl) Roem. & Schult. (13)
I. congesta R.Br. (13)
Annual, occ. perennial. Herb, climber. Length 0.5–3 m. Alt 5–1215 m. G, M, S, KZN, WC, EC

involucrata P.Beauv.
Annual, occ. perennial. Herb, climber. Length 0.5–4 m. Alt 1220–1370 m. LIM

kentrocaulos C.B.Clarke = **Merremia kentrocaulos**

kwebensis N.E.Br. = **I. hochstetteri**

lachnosperma Choisy = **Astripomoea lachnosperma**

lambtoniana Rendle = **I. oblongata**

lapathifolia Hallier f. (4)
I. dinteri Schulze-Menz (13)
Perennial. Herb. Length 0.3–3 m. Alt 155–610 m. B, LIM, M, S

leucanthemum (Klotzsch) Hallier f.
Calycanthemum leucanthemum Klotzsch (13)
Annual, occ. perennial. Herb. Length 0.3–0.8 m. Alt? N, B

lugardi N.E.Br. = **I. magnusiana**

magnusiana Schinz (2)
I. eenii Rendle (13)
I. lugardi N.E.Br. (13)
I. magnusiana Schinz var. *eenii* (Rendle) A.Meeuse (13)
I. otjikangensis Pilg. & Dinter (13)
Perennial. Herb. Length 0.2–3 m. Alt 260–1585 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

magnusiana Schinz var. *eenii* (Rendle) A.Meeuse = **I. magnusiana**

malvaefolia (Rendle) Baker = **Merremia malvaefolia**

marlothii Engl. = **I. adenioides**

mauritiana Jacq.
I. digitata in sense of A.Meeuse, not of L. (13)
Perennial. Climber. Length 0.5–5 m. Alt 25–120 m. KZN

mesenterioides Hallier f. = **I. bolusiana**

natans Dinter & Suess. = **I. aquatica**

***nil** (L.) Roth
Convolvulus nil L. (13)
I. hederacea of authors, not of Jacq. (13)
Annual. Herb, climber. Length 0.5–2 m. Alt 1000–1525 m. N

oblongata E.Mey. ex Choisy (10)
I. atherstonei Baker (13)
I. lambtoniana Rendle (13)
Turbina oblongata (E.Mey. ex Choisy) A.Meeuse (13)
Perennial. Herb. Length 0.5–2 m. Alt 245–2045 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

obscura (L.) Ker Gawl. var. *fragilis* (Choisy) A.Meeuse = **I. obscura** var. **obscura**

obscura (L.) Ker Gawl. var. **obscura** (8)
Convolvulus obscurus L. (13)
I. fragilis Choisy (13)
I. obscura (L.) Ker Gawl. var. *fragilis* (Choisy) A.Meeuse (13)
Perennial. Herb. Length 0.5–3 m. Alt 120–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

ochracea (Lindl.) G.Don var. **ochracea** (7)
Convolvulus ochraceus Lindl. (13)
Perennial. Herb. Length 0.5–5 m. Alt 500–1525 m. B

oenotherae (Vatke) Hallier f.
Convolvulus oenotherae Vatke (13)
I. petunioides Baker (13)
Perennial. Herb. Length 0.2–0.4 m. Alt 500–1615 m. N, B, LIM, NW, G

oenotheroides (L.f.) Raf. ex Hallier f.
Convolvulus oenotheroides L.f. (13)
I. argyreoides Choisy (13)
I. barrettii Rendle (13)
Turbina oenotheroides (L.f.) A.Meeuse (13)
Perennial. Shrub. Ht 0.3–1 m. Alt 460–1560 m. N, NW, G, FS, KZN, NC, EC

ommaneyi Rendle
Perennial. Herb. Length 0.5–2 m. Alt 915–1735 m. B, LIM, NW, G, M, FS

otjikangensis Pilg. & Dinter = **I. magnusiana**

ovata E.Mey. ex Rendle = **I. pellita**

papilio Hallier f.
Perennial. Herb. Length 0.3–3 m. Alt 400–2100 m. B, LIM, NW, G, M, S

pellita Hallier f.
I. ovata E.Mey. ex Rendle (13)
Perennial. Herb. Length 0.2–2 m. Alt 60–1700 m. M, S, FS, KZN, L, EC

pes-caprae (L.) R.Br. subsp. **brasiliensis** (L.) Ooststr.
Convolvulus brasiliensis L. (13)
Perennial. Herb. Length 2–30 m. Alt 3–50 m. KZN, WC, EC

pes-tigridis L. var. *africana* Hallier f. = **I. pes-tigridis** var. **pes-tigridis**

pes-tigridis L. var. **pes-tigridis**
I. pes-tigridis L. var. *africana* Hallier f. (13)
Annual, occ. perennial. Herb. Length 0.5–2 m. Alt 915–1735 m. N, B, M

petunioides Baker = **I. oenotherae**

pileata Roxb.
Annual, occ. perennial. Herb, climber. Length 0.5–3 m. Alt ?–900 m. N, B, M

pinnata Hochst. ex Choisy = **Merremia pinnata**

plantaginea (Choisy) Hallier f. = **I. simplex**

plebeia R.Br. subsp. **africana** A.Meeuse
Annual. Herb, climber. Length 0.3–1.2 m. Alt 5–1220 m. N, B, LIM, M, S, KZN

praetermissa Rendle = **I. bolusiana**

pterygocaulos Choisy = **Merremia pterygocaulos**

***purpurea** (L.) Roth
Convolvulus purpureus L. (13)
I. gerrardiana Rendle (13)
Annual. Herb, climber. Ht 0.5–2.5 m. Alt 650–1340 m. LIM, NW, G, M, KZN, L, EC

quinquefolia Hochst. ex Hallier f. = **I. hochstetteri**

quinquefolia Hochst. ex Hallier f. var. *pubescens* Baker = **Merremia verecunda**

reptans Roem. & Schult. = **I. aquatica**

riparia G.Don = **I. rubens**

robertsiana Rendle
I. uncinata Hutch. (13)
Turbina robertsiana (Rendle) A.Meeuse (13)
Perennial. Suffrutex. Length 0.2–1.2 m. Alt 1130–1370 m. LIM, M

rubens Choisy
I. riparia G.Don (13)
Perennial. Climber. Length 0.5–4 m. Alt 980–1030 m. N, B

sarmentacea Rendle = **I. crassipes**

shirambensis Baker
Perennial. Climber. Length 0.5–7.5 m. Alt 520–945 m. B, LIM

shirensis Oliv. = **Paralepistemon shirensis**

simplex of author, not of Thunb.; Hook. = **I. bolusiana**

simplex Thunb.
I. plantaginea (Choisy) Hallier f. (13)
Perennial. Herb. Ht 0.07–0.2 m. Alt 5–1980 m. LIM, G, M, FS, KZN, L, EC

sinensis (Desr.) Choisy subsp. **blepharosepala** (Hochst. ex A.Rich.) Verdc. ex A.Meeuse
I. blepharosepala Hochst. ex A.Rich. (13)
I. cardiosepala Hochst. ex Baker & C.H.Wright (13)
Annual. Herb, climber. Length 0.3–2 m. Alt 5–1450 m. N, B, LIM, NW, G, M, S, KZN, EC

stenosiphon Hallier f.
Turbina stenosiphon (Hallier f.) A.Meeuse (13)
Perennial. Climber. Length 0.5–10 m. Alt 610–1100 m. LIM

suffruticosa Burch.
Turbina suffruticosa (Burch.) A.Meeuse (13)
Perennial. Suffrutex. Length 0.3–1 m. Alt 1150–1950 m. N, NW, NC

tamnifolia L. = **Jacquemontia tamnifolia**

tenuipes Verdc.
I. heptaphylla in sense of A.Meeuse, not of (Roxb.) Voigt (13)
Annual, occ. perennial. Herb, climber. Length 0.5–1 m. Alt 360–1200 m. N, B, LIM, M

tetraptera Baker = **Merremia pterygocaulos**

transvaalensis A.Meeuse
I. convolvuloides Hallier f. (13)
Perennial. Herb. Length 0.2–1 m. Alt 1035–1550 m. LIM, NW, G

tuberculata Ker Gawl.
I. calcarata N.E.Br. (13)
I. dasysperma Jacq. (13)
Annual. Herb, climber. Length 0.5–2.5 m. Alt 900–1200 m. N, B

uncinata Hutch. = **I. robertsiana**

undulata Baker ex Baker & C.H.Wright = **I. crispa**

urbaniana in sense of J.H.Ross, not of (Dammer) Hallier f. = **I. consimilis**

verbascoidea Choisy
I. dammarana Rendle (13)
Perennial. Shrub, climber. Ht 0.5–2.5 m. Alt 490–1525 m. N, B

verecunda (Rendle) N.E.Br. = **Merremia verecunda**

welwitschii Vatke ex Hallier f.
I. inamoena Pilg. (13)
Perennial. Herb. Length 0.1–0.5 m. Alt 350–1100 m. N, B

wightii (Wall.) Choisy
Convolvulus wightii Wall. (13)
Perennial. Herb, climber. Length 0.5–3 m. Alt 5–1920 m. LIM, M, S, KZN, EC

xiphosepala Baker = **I. graciliseppala**

JACQUEMONTIA Choisy 6991000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 32–34.

capitata (Desr.) G.Don = **J. tamnifolia**

tamnifolia (L.) Griseb.
Ipomoea tamnifolia L. (1)
J. capitata (Desr.) G.Don (1)
Annual. Herb, climber. Length 0.25–0.85 m. Alt 10–1050 m. N, B, LIM, M, S, KZN

MERREMIA Dennst. 6997000

(1) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1193.
(2) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1194.
(3) Meeuse. 1957. *The Flowering Plants of Africa* 32: t. 1245.
(4) Meeuse & Welman. 2000. *FSA* 28,1: 55–62.

bipinnatipartita (Engl.) Hallier f.
Ipomoea bipinnatipartita Engl. (4)
Perennial. Herb. Length 0.5–2 m. Alt 410–1300 m. N

guerichiana Engl. ex Hallier f. = **M. guerichii**

guerichii A.Meeuse
M. guerichiana Engl. ex Hallier f. (4)
Perennial. Suffrutex. Ht 0.45–1.5 m. Alt 50–700 m. N

kentrocaulos (C.B.Clarke) Rendle (2)
Ipomoea kentrocaulos C.B.Clarke (4)
Operculina kentrocaulos (C.B.Clarke) Hallier f. (4)
Perennial. Climber. Length 1–15 m. Alt 200–1300 m. B, LIM, M

malvaefolia Rendle
Ipomoea malvaefolia (Rendle) Baker (4)
Annual? Herb. Ht? Alt? EC

multisecta Hallier f.
Perennial. Herb. Length 0.5–1.5 m. Alt ?–500 m. N

palmata Hallier f. (3)
Perennial. Herb. Length 0.5–2.5 m. Alt 120–1450 m. N, B, LIM, NW, G, M, S

pinnata (Hochst. ex Choisy) Hallier f.
Ipomoea pinnata Hochst. ex Choisy (4)
Annual. Herb, climber. Length 0.25–0.75 m. Alt 350–1220 m. N, B, LIM, M

pterygocaulos (Choisy) Hallier f.
Ipomoea pterygocaulos Choisy (4)
Ipomoea tetraptera Baker (4)
Perennial. Climber, shrub. Length 1–3 m. Alt 30–915 m. B, KZN, EC

tridentata (L.) Hallier f. subsp. *angustifolia* (Jacq.) Ooststr. var. *angustifolia* = **Xenostegia tridentata** subsp. **angustifolia**

verecunda Rendle (1)
Ipomoea quinquefolia Hochst. ex Hallier f. var. *pubescens* Baker (4)
Ipomoea verecunda (Rendle) N.E.Br. (4)
Annual. Herb. Length 0.5–1.5 m. Alt 885–1635 m. N, B, LIM, NW, G, M, FS, L, NC

METAPORANA N.E.Br. 6979010

angolensis N.E.Br. = **Seddera schizantha**

OPERCULINA S.Manso 6999000

kentrocaulos (C.B.Clarke) Hallier f. = **Merremia kentrocaulos**

PARALEPISTEMON Lejoly & Lisowski 7003020

(1) Meeuse & Welman. 2000. *FSA* 28,1: 121–123.

shirensis (Oliv.) Lejoly & Lisowski
Ipomoea shirensis Oliv. (1)
Turbina shirensis (Oliv.) A.Meeuse (1)
Perennial. Shrub, climber. Ht 1–15 m. Alt 60–1100 m. LIM

SEDDERA Hochst. 6978000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 25–28.

capensis (E.Mey. ex Choisy) Hallier f.
Bonamia capensis (E.Mey. ex Choisy) Burtt Davy (1)
Breweria capensis (E.Mey. ex Choisy) Baker (1)
Evolvulus capensis E.Mey. ex Choisy (1)
Perennial. Suffrutex. Ht 0.1–0.3 m. Alt 70–1930 m. B, LIM, NW, G, M, S, FS, KZN, EC

schizantha Hallier f.
Bonamia schizantha (Hallier f.) A.Meeuse (1)
Metaporana angolensis N.E.Br. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 1000–1200 m. N

suffruticosa (Schinz) Hallier f.
Bonamia suffruticosa (Schinz) Burtt Davy & R.Pott-Leendertz (1)
Breweria suffruticosa Schinz (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.7 m. Alt 100–1350 m. N, B, LIM, NW, G, M, S, NC

STICTOCARDIA Hallier f. 7010000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 124–126.

laxiflora (Baker) Hallier f.
Argyreia ?laxiflora Baker (1)
S. laxiflora (Baker) Hallier f. var. *woodii* (N.E.Br.) Verdc. (1)

laxiflora (Baker) Hallier f. var. *woodii* (N.E.Br.) Verdc. = **S. laxiflora**
Perennial. Shrub, climber. Ht 1–7 m. Alt 15–45 m. KZN

TURBINA Raf. 7008010

holubii (Baker) A.Meeuse = **Ipomoea holubii**

oblongata (E.Mey. ex Choisy) A.Meeuse = **Ipomoea oblongata**

oenotheroides (L.f.) A.Meeuse = **Ipomoea oenotheroides**

robertsiana (Rendle) A.Meeuse = **Ipomoea robertsiana**

shirensis (Oliv.) A.Meeuse = **Paralepistemon shirensis**

stenosiphon (Hallier f.) A.Meeuse = **Ipomoea stenosiphon**

suffruticosa (Burch.) A.Meeuse = **Ipomoea suffruticosa**

XENOSTEGIA D.F.Austin & Staples 6997010

(1) Meeuse & Welman. 2000. *FSA* 28,1: 63–65.

tridentata (L.) D.F.Austin & Staples subsp. **angustifolia** (Jacq.) Lejoly & Lisowski
Ipomoea angustifolia Jacq. (1)
Merremia tridentata (L.) Hallier f. subsp. *angustifolia* (Jacq.) Ooststr. var. *angustifolia* (1)
Perennial. Herb. Length 0.2–1.2 m. Alt 10–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

CORNACEAE

Compiled by R.H. Archer

CURTISIA Aiton 6156000

(1) Cannon. 1978. *FZ* 4: 635–637.
(2) Marais. 1985. *Kew Magazine* 2: 368.

dentata (Burm.f.) C.A.Sm.
Perennial. Tree, shrub. Ht 2–20 m. Alt 60–3050 m. LIM, M, S, KZN, WC, EC

CRASSULACEAE

Compiled by P.M. Burgoyne, *Tylecodon* by P.V. Bruyns

ADROMISCHUS Lem. 3175000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 325, 328.
(2) Tölken. 1978. *The Flowering Plants of Africa* 45: t. 1776.
(3) Tölken. 1982. *The Flowering Plants of Africa* 47: t. 1849.
(4) Tölken. 1985. *FSA* 14: 37–60.
(5) Bruyns. 1992. *South African Journal of Botany* 58: 50–55.
(6) Pilbeam *et al.* 1998. *The cactus file handbook* 3, Adromischus: 1–104.

alstonii (Schönland & Baker f.) C.A.Sm.
A. pulchellus Hutchison (4)
A. subrubellus Poelln. (4)
A. triebneri Poelln. (6)
Cotyledon alstonii Schönland & Baker f. (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, ± 0.25 m when in flower. Alt 600–1300 m. N, NC

alveolatus Hutchison = **A. marianiae** var. **immaculatus**

antidorcadum Poelln. = **A. marianiae** var. **immaculatus**

antidorcatum Airy Shaw = **A. marianiae** var. **immaculatus**

bicolor Hutchison
Perennial. Dwarf shrub, succulent. Ht 0.08–0.12 m. Alt 400–800 m. EC

blosianus Hutchison = **A. marianiae** var. **kubusensis**

bolusii (Schönland) A.Berger = **A. caryophyllaceus**

caryophyllaceus (Burm.f.) Lem.
A. bolusii (Schönland) A.Berger (4)
A. grandiflorus Uitewaal (6)
A. jasminiflorus (Salm-Dyck) Lem. (4)
Cotyledon bolusii Schönland (4)
Cotyledon caryophyllacea Burm.f. (4)
Cotyledon jasminiflora Salm-Dyck (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, ± 0.35 m when in flower. Alt 150–700 m. WC

casmithianus Poelln. = **A. marianiae** var. **hallii**

clavifolius (Haw.) Lem. = **A. cristatus** var. **clavifolius**

cooperi (Baker) A.Berger (3)
A. cooperi Baker var. *immaculata* Schönland & Baker f. (6)
A. cuneatus Poelln. (6)
A. festivus C.A.Sm. (4)
A. halesowensis Uitewaal (6)
A. pachylophus C.A.Sm. (6)
Cotyledon cooperi Baker var. *immaculata* Schönland & Baker f. (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, 0.25–0.35 m when in flower. Alt 700–1500 m. WC, EC

cooperi Baker var. *immaculata* Schönland & Baker f. = **A. cooperi**

cristatus (Haw.) Lem = **A. cristatus** var. **cristatus**

cristatus (Haw.) Lem. var. **clavifolius** (Haw.) Tölken
A. clavifolius (Haw.) Lem. (6)
A. kesselringianus Poelln. (6)
A. nussbaumerianus (Poelln.) Poelln. (6)
A. poellnitzianus Werderm. (4)
Cotyledon clavifolia Haw. (6)
Cotyledon nussbaumeriana Poelln. (4)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 50–500 m. EC

cristatus (Haw.) Lem. var. **cristatus**
A. cristatus (Haw.) Lem. (4)
Cotyledon cristata Haw. (4)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 100–1600 m. WC, EC

cristatus (Haw.) Lem. var. **schonlandii** (E.Phillips) Tölken
A. schonlandii (E.Phillips) Poelln. (6)
Cotyledon schonlandii E.Phillips (4)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 100–1500 m. EC

cristatus (Haw.) Lem. var. **zeyheri** (Harv.) Tölken
A. zeyheri (Harv.) Poelln. (6)
Cotyledon zeyheri Harv. (4)
Perennial. Dwarf shrub, succulent. Ht 0.04–0.08 m. Alt 50–200 m. KZN, EC

cuneatus Poelln. = **A. cooperi**

cuneatus (Thunb.) Lem. = **Cotyledon cuneata**

diabolicus Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.01–0.08 m, 0.17–0.23 m when in flower. Alt 200–1150 m. NC

fallax Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, ± 0.5 m when in flower. Alt? EC

festivus C.A.Sm. = **A. cooperi**

filicaulis (Eckl. & Zeyh.) C.A.Sm. = **A. filicaulis** subsp. **filicaulis**

filicaulis (Eckl. & Zeyh.) C.A.Sm. subsp. **filicaulis**
A. filicaulis (Eckl. & Zeyh.) C.A.Sm. (4)
A. fragilis Hutchison (6)
A. fragilis Hutchison var. *numeesensis* Hutchison (6)
A. fusiformis (Rolfe) A.Berger (6)
A. kleinioides C.A.Sm. (6)
A. mamillaris (L.f.) Lem. var. *filicaulis* (Eckl. & Zeyh.) H.Jacobsen, illegitimate name (6)
A. mamillaris (L.f.) Lem. var. *fusiformis* (Rolfe) H.Jacobsen, illegitimate name (6)
A. mamillaris (L.f.) Lem. var. *rubra* Poelln. (6)
Cotyledon filicaulis Eckl. & Zeyh. (4)
Cotyledon fusiformis (Rolfe) A.Berger (6)
Perennial. Dwarf shrub, succulent. Ht ± 0.35 m. Alt 600–1500 m. N, NC, WC

filicaulis (Eckl. & Zeyh.) C.A.Sm. subsp. **marlothii** (Schönland) Tölken
A. mamillaris in sense of A.Berger, not of (L.f.) Lem. (6)
A. mamillaris in sense of C.A.Sm., not of (L.f.) Lem. (6)
A. mamillaris in sense of Poelln., not of (L.f.) Lem. (6)
A. mamillaris (L.f.) Lem. var. *marlothii* (Schönland) H.Jacobsen (6)
A. marlothii (Schönland) A.Berger (6)
A. tricolor C.A.Sm. (6)
Cotyledon mammilaris in sense of Harv. in part, not of (L.f.) Lam., misapplied name (4)
Cotyledon marlothii Schönland (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.35 m. Alt 200–1600 m. NC, WC, EC

filicaulis subsp. **marlothii** × **A. maculatus**, putative hybrid (4)

filicaulis subsp. **marlothii** × **A. triflorus**, putative hybrid (4)

fragilis Hutchison = **A. filicaulis** subsp. **filicaulis**

fragilis Hutchison var. *numeesensis* Hutchison = **A. filicaulis** subsp. **filicaulis**

fusiformis (Rolfe) A.Berger = **A. filicaulis** subsp. **filicaulis**

geyeri Hutchison = **A. marianiae** var. **kubusensis**

grandiflorus Uitewaal = **A. caryophyllaceus**

halesowensis Uitewaal = **A. cooperi**

hallii Hutchison = **A. marianiae** var. **hallii**

hemisphaericus (L.) Lem.
A. rotundifolius (Haw.) C.A.Sm. (6)
A. rotundifolius Poelln. (4)
Cotyledon crassifolia Salisb. (6)
Cotyledon hemispherica L. (4)
Cotyledon rotundifolia Haw. (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, 0.35–0.5 m when in flower. Alt 500–1800 m. NC, WC

herrei (W.F.Barker) Poelln. = **A. marianiae** var. **immaculatus**

hoerleinianus (Dinter) Poelln. = **Tylecodon schaeferianus**

hoerleinianus (Dinter) Poelln. var. *schaeferi* Dinter = **Tylecodon schaeferianus**

humilis (Marloth) Poelln.
Cotyledon humilis Marloth (4)
Cotyledon nana Marloth (6)
Perennial. Dwarf shrub, succulent. Ht 0.01–0.02 m. Alt 1000–1900 m. NC,WC

inamoenus Tölken
Cotyledon rhombifolia in sense of Schönland & Baker f., not of Haw., in part (6)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 400–1200 m. WC, EC

jasminiflorus (Salm-Dyck) Lem. = **A. caryophyllaceus**

juttae Poelln. = **A. schuldtianus** subsp. **juttae**

keilhackii Werderm. = **Tylecodon schaeferianus**

kesselringeanus Poelln. = **A. cristatus** var. **clavifolius**

kleinioides C.A.Sm. = **A. filicaulis** subsp. **filicaulis**

kubusensis Uitewaal = **A. marianiae** var. **kubusensis**

leucophyllus Uitewaal

Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, 0.3–0.45 m when in flower. Alt 300–1600 m. WC

leucothrix C.A.Sm. = **Tylecodon leucothrix**

liebenbergii Hutchison

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, 0.35–0.4 m when in flower. Alt 800–1400 m. WC

maculatus (Salm-Dyck) Lem. (2)

A. rhombifolius in sense of C.A.Sm., not of (Haw.) Lem., misapplied name (4)

Cotyledon alternans Haw. (6)

Cotyledon maculata Salm-Dyck (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, 0.35–0.5 m when in flower. Alt 300–1700 m. WC, EC

mamillaris in sense of A.Berger, not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**

mamillaris in sense of C.A.Sm., not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**

mamillaris in sense of Poelln., not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**

mammillaris (L.f.) Lem.

Cotyledon mammilaris L.f. (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, 0.4–0.5 m when in flower. Alt 250–1200 m. WC

mamillaris (L.f.) Lem. var. *filicaulis* (Eckl. & Zeyh.) H.Jacobsen, illegitimate name = **A. filicaulis** subsp. **filicaulis**

mamillaris (L.f.) Lem. var. *fusiformis* (Rolfe) H.Jacobsen, illegitimate name = **A. filicaulis** subsp. **filicaulis**

mamillaris (L.f.) Lem. var. *marlothii* (Schönland) H.Jacobsen = **A. filicaulis** subsp. **marlothii**

mamillaris (L.f.) Lem. var. *rubra* Poelln. = **A. filicaulis** subsp. **filicaulis**

marianiae (Marloth) A.Berger forma *alveoluatus* (Hutchison) Pilbeam = **A. marianiae** var. **immaculatus**

marianiae (Marloth) A.Berger forma *herrei* (W.F.Barker) Pilbeam = **A. marianiae** var. **immaculatus**

marianiae (Marloth) A.Berger forma *multicolor* Pilbeam = **A. marianiae** var. **immaculatus**

marianiae (Marloth) A.Berger var. *antidorcadum* (Poelln.) Pilbeam = **A. marianiae** var. **immaculatus**

marianiae (Marloth) A.Berger var. **hallii** (Hutchison) Tölken

A. casmithianus Poelln. (4)

A. hallii Hutchison (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 50–300 m. N, NC

marianiae (Marloth) A.Berger var. **immaculatus** Uitewaal

A. alveolatus Hutchison (4)

A. antidorcadum Poelln. (4)

A. antidorcatum Airy Shaw (4)

A. herrei (W.F.Barker) Poelln. (4)

A. marianiae (Marloth) A.Berger forma *alveoluatus* (Hutchison) Pilbeam (4)

A. marianiae (Marloth) A.Berger forma *herrei* (W.F.Barker) Pilbeam (4)

A. marianiae (Marloth) A.Berger forma *multicolor* Pilbeam (4)

A. marianiae (Marloth) A.Berger var. *antidorcadum* (Poelln.) Pilbeam (4)

Cotyledon herrei W.F.Barker (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 300–1000 m. WC

marianiae (Marloth) A.Berger var. **kubusensis** (Uitewaal) Tölken

A. blosianus Hutchison (4)

A. geyeri Hutchison (4)

A. kubusensis Uitewaal (6)

A. rodinii Hutchison (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 500–1200 m. N, NC

marianiae (Marloth) A.Berger var. **marianiae**

Cotyledon marianiae Marloth, as '*marianae*' (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 300–1000 m. WC

marlothii (Schönland) A.Berger = **A. filicaulis** subsp. **marlothii**

maximus Hutchison

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.45–0.7 m when in flower. Alt 1000–2000 m. WC

montium-klinghardtii (Dinter) A.Berger

Cotyledon montium-klinghardtii Dinter (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.35–0.4 m when in flower. Alt 100–1000 m. N, NC

mucronatus (Lam.) Lem. = **Cotyledon orbiculata** var. **orbiculata**

nanus in sense of C.A.Sm., not of (N.E.Br.) Poelln., misapplied name = **A. trigynus**

nanus (N.E.Br.) Poelln.

A. pauciflorus Hutchison (4)

Cotyledon nana N.E.Br. (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.04 m, ± 0.05–0.06 m when in flower. Alt 900–1100 m. NC

nussbaumerianus (Poelln.) Poelln. = **A. cristatus** var. **clavifolius**

pachylophus C.A.Sm. = **A. cooperi**

pauciflorus Hutchison = **A. nanus**

phillipsiae (Marloth) Poelln.

Cotyledon phillipsiae Marloth (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.05 m, ± 0.22–0.5 m when in flower. Alt 900–1600 m. NC, WC

poellnitzianus Werderm. = **A. cristatus** var. **clavifolius**

procurvus (N.E.Br.) C.A.Sm. = **A. triflorus**

pulchellus Hutchison = **A. alstonii**

rhombifolius (Haw.) Lem. (insufficiently known) (4)

rhombifolius Haw. var. *bakeri* Poelln. = **A. sphenophyllus**

rhombifolius in sense of C.A.Sm., not of (Haw.) Lem., misapplied name = **A. maculatus**

roaneanus Uitewaal

Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, ± 0.28–0.41 m when in flower. Alt 200–2000 m. NC, WC

robustus Lem., species insufficiently known (4)

rodinii Hutchison = **A. marianiae** var. **kubusensis**

rotundifolius (Haw.) C.A.Sm. = **A. hemisphaericus**

rotundifolius Poelln. = **A. hemisphaericus**

rupicola C.A.Sm. = **A. trigynus**

saxicola C.A.Sm. = **A. umbraticola** subsp. **umbraticola**

schaeferianus (Dinter) A.Berger = **Tylecodon schaeferianus**

schaeferianus (Dinter) A.Berger var. *keilhackii* (Werderm.) Poelln. = **Tylecodon schaeferianus**

schonlandii (E.Phillips) Poelln. = **A. cristatus** var. **schonlandii**

schuldtianus (Poelln.) Poelln. = **A. schuldtianus** subsp. **schuldtianus**

schuldtianus (Poelln.) Poelln. subsp. **juttae** (Poelln.) Tölken
A. juttae Poelln. (4)
Perennial. Dwarf shrub, succulent. Ht 0.04–0.1 m. Alt 1200–2200 m. N

schuldtianus (Poelln.) Poelln. subsp. **schuldtianus**
A. schuldtianus (Poelln.) Poelln. (4)
Cotyledon schuldtiana Poelln. (4)
Cotyledon trigyna in sense of Schönland, not of Burch. (4)
Perennial. Dwarf shrub, succulent. Ht 0.01–0.03 m. Alt 500–2200 m. N

sphenophyllus C.A.Sm.
A. rhombifolius Haw. var. *bakeri* Poelln. (6)
Cotyledon rhombifolia in sense of Baker f., not of Haw. (6)
Cotyledon rhombifolia in sense of Schönland & Baker f., not of Haw., in part (5)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.4–0.6 m when in flower. Alt 50–1600 m. EC

subcompressus Poelln. in part as to specimen *Lauder s.n.* = **A triflorus**

subcompressus Poelln. in part as to specimen *Triebner 1330* = **A. trigynus**

subdistichus Makin ex Bruyns
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.12 m, ± 0.14 m when in flower. Alt 500–2000 m. WC, EC

subpetiolatus Poelln. = **A. triflorus**

subrubellus Poelln. = **A. alstonii**

subviridis Tölken
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.25 m, ± 0.4–0.5 m when in flower. Alt 100–300 m. NC

tricolor C.A.Sm. = **A. filicaulis** subsp. **marlothii**

triebneri Poelln. = **A. alstonii**

triflorus (L.f.) A.Berger
A. procurvus (N.E.Br.) C.A.Sm. (4)
A. subcompressus Poelln., in part as to specimen *Lauder s.n.* (4)
A. subpetiolatus Poelln. (4)
Cotyledon bolusii Schönland var. *karroensis* Schönland (4)
Cotyledon procurva N.E.Br. (4)
Cotyledon triflora L.f. (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.45–0.55 m when in flower. Alt 50–1800 m. WC

trigynus (Burch.) Poelln.
A. nanus in sense of C.A.Sm., not of (N.E.Br.) Poelln., misapplied name (4)
A. rupicola C.A.Sm. (4)
A. subcompressus Poelln., in part as to specimen *Triebner 1330* (4)
Cotyledon rhombifolia var. *spathulata* N.E.Br. ex Marloth, naked name (4)
Cotyledon trigyna Burch. (4)
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.2 m, ± 0.45–0.55 m when in flower. Alt 1000–1900 m. N, FS, NC, WC, EC

umbraticola C.A.Sm. = **A. umbraticola** subsp. **umbraticola**

umbraticola C.A.Sm. subsp. **ramosus** Tölken
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.12 m. Alt 1500–1700 m. LIM, M

umbraticola C.A.Sm. subsp. **umbraticola**
A. saxicola C.A.Sm. (4)
A. umbraticola C.A.Sm. (4)
Cotyledon trigyna in sense of Burtt Davy, not of Burch., misapplied name (4)
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.06 m. Alt 1400–1600 m. NW, G, M

zeyheri (Harv.) Poelln. = **A. cristatus** var. **zeyheri**

*BRYOPHYLLUM Salisb. 3165000

(1) Engler & Prantl. 1930. *Die natürlichen Pflanzenfamilien* 18a: 412.
(2) Tölken. 1985. *FSA* 14: 73, 74.
(3) Tölken & Leistner. 1986. *The Flowering Plants of Africa* 49: t. 1938.
(4) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 73.
(5) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2050.

delagoense (Eckl. & Zeyh.) Schinz
B. tubiflorum Harv. (2)
Kalanchoe delagoensis Eckl. & Zeyh. (2)
Kalanchoe tubiflora Raym.-Hamet (2)
Perennial. Shrub, succulent. Ht ± 2 m. Alt 20–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

tubiflorum Harv. = **Bryophyllum delagoense**

BULLIARDA DC. 3168010

alpina (Eckl. & Zeyh.) Harv. = **Crassula umbellata**

brevifolia Eckl. & Zeyh. = **Crassula decumbens** var. **brachyphylla**

capensis (L.f.) E.Mey. ex Drège = **Crassula natans** var. **natans**

dregei Harv. = **Crassula pellucida** subsp. **brachypetala**

elantinoides Eckl. & Zeyh. = **Crassula elatinoides**

perfoliata (L.f.) DC. = **Crassula inanis**

trichotoma Eckl. & Zeyh. = **Crassula decumbens** var. **decumbens**

vaillantii (Willd.) DC. = **Crassula vaillantii**

vaillantii (Willd.) DC. var. *subulata* Harv. = **Crassula vaillantii**

COTYLEDON L. 3164000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 154.
(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 161.
(3) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 289.
(4) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 652.
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(6) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 808.
(7) Dyer. 1949. *The Flowering Plants of Africa* 27: t. 1080.
(8) Tölken. 1983. *The Flowering Plants of Africa* 47: t. 1877.
(9) Tölken. 1985. *FSA* 14: 3–17.
(10) Van Jaarsveld & Koutnik. 1997. *Bradleya* 15: 65–72.

acaulon Walther ex Steud., naked name = **C. papillaris**

adscendens R.A.Dyer
Perennial. Shrub, scrambler, succulent. Ht ± 2 m. Alt 0–100 m. EC

alstonii Schönland & Baker f. = **Adromischus alstonii**

alternans Haw. = **Adromischus maculatus**

arborescens Mill. = **Crassula arborescens** subsp. **arborescens**

ausana Dinter = **C. orbiculata** var. **orbiculata**

barbeyi Schweinf. ex Baker
C. sturmiana Poelln. (9)
C. transvaalensis Guillaumet (9)
C. wickensii Schönland (9)
C. wickensii Schönland var. *glandulosa* Poelln. (9)
Perennial. Shrub, succulent. Ht ± 2 m. Alt 200–2000 m. LIM, NW, M, S, KZN

beckeri Schönland & Baker f. = **C. velutina**

bolusii Schönland = **Adromischus caryophyllaceus**

bolusii Schönland var. *karroensis* Schönland = **Adromischus triflorus**

buchholziana Schuldt & Stephens = **Tylecodon buchholzianus** subsp. **buchholzianus**

cacalioides in sense of Eckl. & Zeyh., not of Thunb. = **Tylecodon wallichii** subsp. **ecklonianus**

cacalioides L.f. = **Tylecodon cacaliodes**

campanulata Marloth
C. teretifolia Thunb. (9)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, 0.35–0.65 m when in flower. Alt 200–1600 m. WC, EC

campanulata × **C. orbicutala**.var. **oblonga**, putative hybrid (9)

campanulata × **C. papillaris**, putative hybrid (9)

canaliculata Haw. = **C. orbiculata** L. var. **oblonga**

canalifolia Haw., illegitimate name = **C. orbiculata** L. var. **oblonga**

caryophyllacea Burm.f. = **Adromischus caryophyllaceus**

chloroleuca Dinter ex Friedrich = **Tylecodon racemosus**

clavifolia Haw. = **Adromischus cristatus** var. **clavifolius**

cooperi Baker var. *immaculata* Schönland & Baker f. = **Adromischus cooperi**

coruscans Haw. = **C. orbiculata** var. **oblonga**

crassifolia Haw. = **C. orbiculata** var. **oblonga**

crassifolia Salisb. = **Adromischus hemisphaericus**

cristata Haw. = **Adromischus cristatus** var. **cristatus**

cuneata Thunb.
Adromischus cuneatus (Thunb.) Lem. (9)
C. deasii Schönland, in part (9)
C. pillansii Schönland (9)
C. undulata in sense of Eckl. & Zeyh., not of Haw. (9)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m, 0.5–0.75 m when in flower. Alt 800–1200 m. NC, WC, EC

cuneata × **C. orbiculata** var. **orbiculata**, putative hybrid (9)

cuneata in sense of Drège, not of Thumb. = **C. papillaris**

cuneiformis Haw. = **C. orbiculata** var. **oblonga**

curviflora Sims = **Tylecodon grandiflorus**

deasii Schönland in part = **C. cuneata**

decussata Sims = **C. orbiculata** var. **orbiculata**

decussata Sims var. *dielsii* Schltr. ex Poelln. = **C. orbiculata** var. **orbiculata**

decussata Sims var. *flavida* (Fourc.) Poelln. = **C. orbiculata** var. **oblonga**

decussata Sims var. *hinrichseniana* H.Jacobsen = **C. orbiculata** var. **orbiculata**

decussata Sims var. *rubra* Poelln. = **C. orbiculata** var. **oblonga**

decussata in sense of Jacot Guill., not of Sims, misapplied name = **C. orbiculata** var. **oblonga**

dichotoma Haw. = **Tylecodon reticulatus** subsp. **reticulatus**

dinteri Baker f. = **Tylecodon wallichii** subsp. **ecklonianus**

eckloniana Harv. = **Tylecodon wallichii** subsp. **ecklonianus**

elata Haw. = **C. orbiculata** var. **orbiculata**

eliseae Van Jaarsv.
Perennial. Dwarf shrub, cremnophyllous succulent. Ht ± 0.2 m, 0.24–0.4 m when in flower. Alt 200–300 m. WC

engleri A.Berger & Dinter = **C. orbiculata** var. **orbiculata**

fascicularis Aiton = **Tylecodon paniculatus**

faucium Poelln. = **Tylecodon faucium**

fergusoniae L.Bolus = **Tylecodon cacaliodes**

filicaulis Eckl. & Zeyh. = **Adromischus filicaulis** subsp. **filicaulis**

flanaganii Schönland & Baker f. = **C. orbiculata** var. **flanaganii**

flanaganii Schönland & Baker f. var. *karroensis* Schönland & Baker f.= **C. orbiculata** var. **orbiculata**

flavida Fourc. = **C. orbiculata** var. **oblonga**

fragilis R.A.Dyer = **Tylecodon fragilis**

fusiformis (Rolfe) A.Berger = **Adromischus filicaulis** subsp. **filicaulis**

galpinii Schönland & Baker f. = **C. orbiculata** var. **oblonga**

glandulosa N.E.Br. = **C. papillaris**

glutinosa Schönland = **C. papillaris**

gracilis Haw. = **C. papillaris**

gracilis in sense of Harv.; Schönland, not of Haw., misapplied name = **C. papillaris**

grandiflora Burm.f. = **Tylecodon grandiflorus**

hallii Tölken = **Tylecodon hallii**

hemispherica L. = **Adromischus hemisphaericus**

herrei W.F.Barker = **Adromischus marianiae** var. **immaculatus**

heterophylla Schönland = **C. tomentosa** subsp. **ladismithensis**

hirtifolia W.F.Barker = **Tylecodon hirtifolius**

hoerleiniana Dinter = **Tylecodon schaeferianus**

hoerleiniana Dinter var. *schaeferi* Dinter = **Tylecodon schaeferianus**

humilis Marloth = **Adromischus humilis**

jacobseniana Poelln., illegitimate name = **C. papillaris**

jasminiflora Salm-Dyck = **Adromischus caryophyllaceus**

laciniata L. = **Kalanchoe laciniata**

ladismithensis in sense of Boom, not of Poelln. = **C. tomentosa** subsp. **tomentosa**

ladismithensis Poelln. = **C. tomentosa** subsp. **ladismithiensis**

lanceolata Forssk. = **Kalanchoe lanceolata**

leucophylla C.A.Sm. = **C. orbiculata** var. **oblonga**

leucothrix (C.A.Sm.) Fourc. = **Tylecodon leucothrix**

luteosquamata Poelln. = **Tylecodon pearsonii**

macrantha A.Berger var. *virescens* (Schönland & Baker f.) Poelln. = **C. orbiculata** var. **oblonga**

maculata Salm-Dyck = **Adromischus maculatus**

mammilaris in sense of Harv. in part, not of (L.f.) Lam., misapplied name = **Adromischus filicaulis** subsp. **marlothii**

mammilaris L.f. = **Adromischus mammillaris**

marianiae Marloth, as '*marianae*' = **Adromischus marianiae** var. **marianiae**

marlothii Schönland = **Adromischus filicaulis** subsp. **marlothii**

meyeri Harv. = **C. papillaris**

mollis Dinter = **Tylecodon paniculatus**

mollis Schönland = **C. velutina**

montium-klinghardtii Dinter = **Adromischus montium-klinghardtii**

mucronata Lam. = **C. orbiculata** var. **orbiculata**

muirii Schönland = **C. papillaris**

nana Marloth = **Adromischus humilis**

nana N.E.Br. = **Adromischus nanus**

nussbaumeriana Poelln. = **Adromischus cristatus** var. **clavifolius**

obermeyeriana Poelln. = **C. orbiculata** var. **oblonga**

oblonga Haw. = **C. orbiculata** var. **oblonga**

occultans Tölken = **Tylecodon occultans**

orbiculata in sense of Burtt Davy, not of L., misapplied name = **C. orbiculata** var. **oblonga**

orbiculata in sense of Harv., not of L. in part = **C. velutina**

orbiculata L. = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *ausana* (Dinter) H.Jacobsen, illegitimate name = **C. orbiculata** var. **orbiculata**

orbiculata L. var. **dactylopsis** Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, 0.45–0.65 m when in flower. Alt 1100–1600 m. FS, NC, EC

orbiculata L. var. *dinteri* H.Jacobsen = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *elata* (Haw.) DC., illegitimate name = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *engleri* (Dinter & A.Berger) Dinter = **C. orbiculata** var. **orbiculata**

orbiculata L. var. **flanaganii** (Schönland & Baker f.) Tölken
C. flanaganii Schönland & Baker f. (9)
Perennial. Shrub, succulent. Ht 0.4–0.75, ± 1 m when in flower. Alt 50–500 m. EC

orbiculata L. var. *higginsiae* H.Jacobsen = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *hinrichseniana* H.Jacobsen = **C. orbiculata** var. **orbiculata**

orbiculata L. var. **oblonga** (Haw.) DC.
C. canaliculata Haw. (9)
C. canalifolia Haw., illegitimate name (9)
C. coruscans Haw. (9)
C. crassifolia Haw. (9)
C. cuneiformis Haw. (9)
C. decussata in sense of Jacot Guill., not of Sims, misapplied name (9)
C. decussata Sims var. *flavida* (Fourc.) Poelln. (9)
C. decussata Sims var. *rubra* Poelln. (9)
C. flavida Fourc. (9)
C. galpinii Schönland & Baker f. (9)
C. leucophylla C.A.Sm. (9)
C. macrantha A.Berger var. *virescens* (Schönland & Baker f.) Poelln. (9)
C. obermeyeriana Poelln. (9)
C. oblonga Haw. (9)
C. orbiculata in sense of Burtt Davy, not of L., misapplied name (9)
C. rudatisii Poelln. (9)
C. simulans Schönland ex Poelln., naked name (9)
C. simulans Schönland ex Poelln. var. *spathulata* Schönland ex Poelln., naked name (9)
C. undulata Haw. (9)
C. virescens Schönland & Baker f. (9)
C. viridis Haw. (9)
C. whiteae Schönland & Baker f., as '*whitei*' (9)
C. zuluensis Schönland ex Poelln. (9)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m, 0.95–1.25 m when in flower. Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

orbiculata L. var. *obovata* DC. = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *oophylla* Dinter = **C. orbiculata** var. **orbiculata**

orbiculata L. var. **orbiculata**
Adromischus mucronatus (Lam.) Lem. (9)
C. ausana Dinter (9)
C. decussata Sims (9)
C. decussata Sims var. *dielsii* Schltr. ex Poelln. (9)
C. decussata Sims var. *hinrichseniana* H.Jacobsen (9)
C. elata Haw. (9)
C. engleri A.Berger & Dinter (9)
C. flanaganii Schönland & Baker f. var. *karroensis* Schönland & Baker f. (9)
C. mucronata Lam. (9)
C. orbiculata L. (9)
C. orbiculata L. var. *ausana* (Dinter) H.Jacobsen, illegitimate name (9)
C. orbiculata L. var. *dinteri* H.Jacobsen (9)
C. orbiculata L. var. *elata* (Haw.) DC., illegitimate name (9)
C. orbiculata L. var. *engleri* (Dinter & A.Berger) Dinter (9)
C. orbiculata L. var. *higginsiae* H.Jacobsen (9)
C. orbiculata L. var. *hinrichseniana* H.Jacobsen (9)
C. orbiculata L. var. *obovata* DC. (9)
C. orbiculata L. var. *oophylla* Dinter (9)
C. orbiculata L. var. *ramosa* (Haw.) DC., illegitimate name (9)
C. orbiculata L. var. *rotundifolia* DC. (9)
C. orbiculata L. var. *viridis* Dinter ex Range (9)
C. ovata in sense of Haw., not of Mill., illegitimate name (9)
C. papillaris in sense of Haw., not of L.f. (9)

C. papillaris L.f. var. *tricuspidata* (Haw.) DC. (9)
C. ramosa Haw. in part (9)
C. ramosissima in sense of Mill., not of Haw., illegitimate name (9)
C. tricuspidata Haw. (9)
C. undulata Haw. var. *mucronata* (Lam.) Poelln. (9)
C. undulata in sense of H.Jacobsen, not of Haw. (9)
C. ungulata Lam. (9)
Perennial. Shrub, succulent. Ht ± 1 m, 1.25–1.45 m when in flower. Alt 50–1800 m. N, NC, WC, EC

orbiculata L. var. *ramosa* (Haw.) DC., illegitimate name = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *rotundifolia* DC. = **C. orbiculata** var. **orbiculata**

orbiculata L. var. **spuria** (L.) Tölken
C. purpurea Thunb. (9)
C. spuria L. in part (9)
C. ungulata in sense of Guillaumet, not of Lam. (9)
Perennial. Shrub, succulent. Ht ± 1 m excluding inflorescence. Alt 50–1000 m. NC, WC, EC

orbiculata L. var. *viridis* Dinter ex Range = **C. orbiculata** L. var. **orbiculata**

orbiculata var. **oblonga** × **C. campanulata**, putative hybrid (9)

orbiculata var. **oblonga** × **C. papillaris**, putative hybrid (9)

orbiculata var. **oblonga** × **C. velutina**, putative hybrid (9)

orbiculata var. **orbiculata** × **C. cuneata**, putative hybrid (9)

orbiculata var. **orbiculata** × **C. orbiculata** var. **spuria**, putative hybrid (9)

orbiculata var. **orbiculata** × **C. papillaris**, putative hybrid (9)

ovata in sense of Haw., not of Mill., illegitimate name = **C. orbiculata** var. **orbiculata**

ovata Mill. = **Crassula ovata**

paniculata L.f. = **Tylecodon paniculatus**

papillaris in sense of Haw., not of L.f. = **C. orbiculata** var. **orbiculata**

papillaris L.f.
C. acaulon Walther ex Steud., naked name (9)
C. cuneata in sense of Drège, not of Thunb. (9)
C. glandulosa N.E.Br. (9)
C. glutinosa Schönland (9)
C. gracilis Haw. (9)
C. gracilis in sense of Harv.; Schönland, not of Haw., misapplied name (9)
C. jacobseniana Poelln., illegitimate name (9)
C. meyeri Harv. (9)
C. muirii Schönland (9)
C. papillaris L.f. var. *glutinosa* (Schönland) Poelln. (9)
C. papillaris L.f. var. *robusta* Schönland & Baker f. (9)
C. papillaris L.f. var. *subundulata* Poelln. (9)
C. pseudogracilis Poelln. (9)
C. spuria L. in part (9)
C. teretifolia Lam. (9)
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m excluding inflorescence. Alt 20–1800 m. N, NC, WC, EC

papillaris L.f. var. *glutinosa* (Schönland) Poelln. = **C. papillaris**

papillaris L.f. var. *robusta* Schönland & Baker f. = **C. papillaris**

papillaris L.f. var. *subundulata* Poelln. = **C. papillaris**

papillaris L.f. var. *tricuspidata* (Haw.) DC. = **C. orbiculata** L. var. **orbiculata**

parvula Burch. = **Tylecodon reticulatus** subsp. **reticulatus**

pearsonii Schönland in part = **Tylecodon hallii**

pearsonii Schönland in part = **Tylecodon pearsonii**

phillipsiae Marloth = **Adromischus phillipsiae**

pillansii Schönland = **C. cuneata**

procurva N.E.Br. = **Adromischus triflorus**

pseudogracilis Poelln. = **C. papillaris**

purpurea in sense of Haw., not of Thunb. = **Tylecodon grandiflorus**

purpurea Thunb. = **C. orbiculata** var. **spuria**

pygmaea W.F.Barker = **Tylecodon pygmaeus**

pygmaea W.F.Barker var. *tenuis* Tölken = **Tylecodon pygmaeus**

racemosa E.Mey. ex Harv. in part = **Tylecodon hallii**

racemosa Harv. in part = **Tylecodon racemosus**

ramosa Haw. in part = **C. orbiculata** var. **orbiculata**

ramosissima in sense of Haw., not of Mill. var. *woodii* (Schönland & Baker f.) Schönland = **C. woodii**

ramosissima in sense of Mill., not of Haw., illegitimate name = **C. orbiculata** var. **orbiculata**

ramosissima Salm-Dyck ex Haw. = **C. woodii**

reticulata L.f. = **Tylecodon reticulatus** subsp. **reticulatus**

rhombifolia Haw. (insufficiently known) (9)

rhombifolia Haw. var. *spathulata* N.E.Br. ex Marloth, naked name = **Adromischus trigynus**

rhombifolia in sense of Baker f., not of Haw. = **Adromischus sphenophyllus**

rhombifolia in sense of Schönland & Baker f., not of Haw. in part = **Adromischus inamoenus**

rhombifolia in sense of Schönland & Baker f., not of Haw. in part = **Adromischus sphenophyllus**

rotundifolia Haw. = **Adromischus hemisphaericus**

rubrovenosa Dinter = **Tylecodon rubrovenosus**

rudatisii Poelln. = **C. orbiculata** var. **oblonga**

salmiana Poelln. var. *woodii* (Schönland & Baker f.) Poelln. = **C. woodii**

schaeferi Dinter, naked name = **Tylecodon schaeferianus**

schaeferiana Dinter = **Tylecodon schaeferianus**

schonlandii E.Phillips = **Adromischus cristatus** var. **schonlandii**

schuldtiana Poelln. = **Adromischus schuldtianus** subsp. **schuldtianus**

similis Tölken = **Tylecodon similis**

simulans Schönland ex Poelln., naked name = **C. orbiculata** var. **oblonga**

simulans Schönland ex Poelln. var. *spathulata* Schönland ex Poelln., naked name = **C. orbiculata** var. **oblonga**

singularis R.A.Dyer = **Tylecodon singularis**

sinus-alexandri Poelln. = **Tylecodon schaeferianus**

spuria L. in part = **C. orbiculata** var. **spuria**

spuria L. in part = **Tylecodon paniculatus**

striata Hutchison = **Tylecodon striatus**

sturmiana Poelln. = **C. barbeyi**

sulphurea Tölken = **Tylecodon sulphureus** var. **sulphureus**

swartbergensis Poelln. = **Tylecodon leucothrix**

tardiflora Bonpl. = **Tylecodon paniculatus**

teretifolia Lam. = **C. papillaris**

teretifolia Thunb. = **C. campanulata**

tomentosa Harv. = **C. tomentosa** subsp. **tomentosa**

tomentosa Harv. subsp. **ladismithiensis** (Poelln.) Tölken
C. heterophylla Schönland (9)
C. ladismithensis Poelln. (9)
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.5 m, 0.65–0.75 m when in flower. Alt 400–750 m. WC

tomentosa Harv. subsp. **tomentosa**
C. ladismithensis in sense of Boom, not of Poelln. (9)
C. tomentosa Harv. (9)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m, 0.65–0.75 m when in flower. Alt 750–800 m. WC, EC

transvaalensis Guillaumet = **C. barbeyi**

tricuspidata Haw. = **C. orbiculata** L. var. **orbiculata**

triflora L.f. = **Adromischus triflorus**

trigyna Burch. = **Adromischus trigynus**

trigyna in sense of Burtt Davy, not of Burch., misapplied name = **Adromischus umbraticola** subsp. **umbraticola**

trigyna in sense of Schönland, not of Burch. = **Adromischus schuldtianus** subsp. **schuldtianus**

tuberculosa Lam. = **Tylecodon grandiflorus**

undulata Haw. = **C. orbiculata** var. **oblonga**

undulata Haw. var. *mucronata* (Lam.) Poelln. = **C. orbiculata** var. **orbiculata**

undulata in sense of Eckl. & Zeyh., not of Haw. = **C. cuneata**

undulata in sense of H.Jacobsen, not of Haw. = **C. orbiculata** var. **orbiculata**

ungulata in sense of Guillaumet, not of Lam. = **C. orbiculata** var. **spuria**

ungulata Lam. = **C. orbiculata** var. **orbiculata**

velutina Hook.f.
C. beckeri Schönland & Baker f. (9)
C. mollis Schönland (9)
C. orbiculata in sense of Harv., not of L. in part (9)
C. velutina Hook.f. var. *beckeri* (Schönland & Baker f.) Schönland (9)
Perennial. Shrub, succulent. Ht up to 2 m. Alt 0–900 m. KZN, EC

velutina Hook.f. var. *beckeri* (Schönland & Baker f.) Schönland = **C. velutina**

ventricosa Burm.f. = **Tylecodon ventricosus**

ventricosa Burm.f. var. *alpina* Harv. = **Tylecodon ventricosus**

virescens Schönland & Baker f. = **C. orbiculata** var. **oblonga**

viridiflora Tölken = **Tylecodon viridiflorus**

viridis Haw. = **C. orbiculata** var. **oblonga**

wallichii Harv. = **Tylecodon wallichii** subsp. **wallichii**

whiteae Schönland & Baker f., as '*whitei*' = **C. orbiculata** var. **oblonga**

wickensii Schönland = **C. barbeyi**

wickensii Schönland var. *glandulosa* Poelln. = **C. barbeyi**

woodii Schönland & Baker f.
C. ramosissima Haw. var. *woodii* (Schönland & Baker f.) Schönland (9)
C. ramosissima Salm-Dyck ex Haw. (9)
C. salmiana Poelln. var. *woodii* (Schönland & Baker f.) Poelln.
Perennial. Shrub, succulent. Ht ± 1.2 m. Alt 750–1200 m. WC, EC

zeyheri Harv. = **Adromischus cristatus** var. **zeyheri**

zuluensis Schönland ex Poelln. = **C. orbiculata** var. **oblonga**

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abyssinica A.Rich. var. *vaginata* (Eckl. & Zeyh.) Engl. = **C. vaginata** subsp. **vaginata**

acinaciformis Schinz
C. aloides N.E.Br. (23)
C. inaequalis Schönland (23)
Perennial, occ. annual. Herb, succulent. Ht ± 1.3 m. Alt 500–1700 m. M, S

acuminata E.Mey. ex Drège = **C. flanaganii**

acutifolia in sense of Eckl. & Zeyh., Harv. in part = **C. tetragona** subsp. **lignescens**

acutifolia Lam. = **C. tetragona** subsp. **acutifolia**

acutifolia Lam. var. *densifolia* (Harv.) Schönland = **C. tetragona** subsp. **tetragona**

acutifolia Lam. var. *harveyi* Schönland = **C. tetragona** subsp. **lignescens**

acutifolia Lam. var. *radicans* Harv. = **C. tetragona** subsp. **acutifolia**

acutifolia Lam. var. *typica* Schönland = **C. tetragona** subsp. **acutifolia**

adscendens Thunb. (insufficiently known) (23)

aitonii Britten & Baker f. = **C. cordata**

alba Forssk. = **C. alba** var. **alba**

alba Forssk. var. **alba**
C. alba Forssk. (23)
C. milleriana Burtt Davy (23)
C. recurva N.E.Br. (23)
C. rubicunda Drège ex Harv. (23)
C. rubicunda Drège ex Harv. var. *flexuosa* Schönland (23)
C. rubicunda Drège ex Harv. var. *hispida* Schönland (23)
C. rubicunda Drège ex Harv. var. *milleriana* (Burtt Davy) Schönland (23)
C. rubicunda Drège ex Harv. var. *rubicunda* R.A.Dyer (23)
C. rubicunda Drège ex Harv. var. *subglabra* Schönland (23)
C. rubicunda Drège ex Harv. var. *typica* Schönland (23)
C. squamulosa in sense of Keissl., not of Schltdl. (23)
C. stewartiae Burtt Davy (23)
Globulea stricta Drège, as '*Globulia*', naked name (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.5 m. Alt 100–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

alba Forssk. var. **pallida** Tölken
Perennial, occ. annual. Herb, succulent. Ht ± 0.5 m. Alt 400–2000 m. M, S

alba Forssk. var. **parvisepala** (Schönland) Tölken
C. atro-sanguinea Beauverd (23)
C. rubicunda Drège ex Harv. var. *lydenburgensis* Schönland (23)
C. rubicunda Drège ex Harv. var. *parvisepala* (Schönland) Schönland (23)
C. rubicunda Drège ex Harv. var. *similis* (Baker f.) Schönland (23)
C. similis Baker f. (23)
C. wilmsii Diels (23)
Perennial, occ. annual. Herb, lithophyte, succulent. Ht ± 0.5 m. Alt 400–1800 m. M, S

alba var. **alba** × **C. vaginata** subsp. **vaginata**, putative hybrid (23)

alba var. **alba** × **C. alba** var. **pallida**, putative hybrid (23)

albanensis Schönland = **C. capitella** subsp. **capitella**

albertiniae Schönland = **C. capensis** var. **albertiniae**

albicaulis Harv. = **C. expansa** subsp. **expansa**

albicaulis in sense of Friedrich, not of Harv. = **C. expansa** subsp. **pyrifolia**

albiflora Sims = **C. dejecta**

albiflora Sims var. *minor* Schönland = **C. dejecta**

alcicornis Schönland
Perennial. Herb, succulent. Ht 0.06–0.12 m. Alt 200–1000 m. WC

aloides N.E.Br. = **C. acinaciformis** (23)

alooides Dryand. = **C. hemisphaerica** (23)

alpestris in sense of Drège, not of Thunb. = **C. exilis** subsp. **exilis**

alpestris in sense Harv.; Keissl., not of Thunb., misapplied name = **C. dependens**

alpestris subsp. **alpestris** × **C. alpestris** subsp. **massonii**, putative hybrid (23)

alpestris subsp. **massonii** × **C. columnaris** subsp. **columnaris**, putative hybrid (23)

alpestris Thunb. = **C. alpestris** subsp. **alpestris** (23)

alpestris Thunb. subsp. **alpestris**
C. alpestris Thunb. (23)
Purgosea alpestris (Thunb.) G.Don (23)
Perennial, occ. annual. Herb, lithophyte, succulent. Ht 0.05–0.15 m. Alt 400–800 m. NC, WC

alpestris Thunb. subsp. **massonii** (Britten & Baker f.) Tölken
C. massonii Britten & Baker f. (23)
C. variabilis N.E.Br.
Perennial, occ. annual. Herb, succulent. Ht 0.08–0.25 m. Alt 600–1000 m. WC

alpina (Eckl. & Zeyh.) Walp. = **C. umbellata** (23)

alsinoides Hook.f. = **C. pellucida** subsp. **alsinoides**

alstonii in sense of Range, not of Marloth = **C. elegans** subsp. **namibensis**

alstonii Marloth
C. deltoidea in sense of Schönland, not of Thunb. (23)
Perennial. Herb, succulent. Ht up to 0.08 m, when in flower. Alt 300–800 m. NC

alternifolia L., excluded species (23)

amatolica Schönland = **C. sediflora** var. **amatolica**

ammophila Tölken
Perennial. Herb, succulent, scrambler. Ht ± 0.8 m. Alt 20–100 m. WC

anguina Harv. = **C. muscosa** var. **muscosa**

anomala Schönland & Baker f. = **C. atropurpurea** var. **anomala**

anthurus E.Mey. ex Drège, naked name = **C. perforata**

aphylla Schönland & Baker f.
Rhopalota aphylla (Schönland & Baker f.) N.E.Br. (23)
Annual. Herb, lithophyte, succulent. Ht 0.03–0.06 m. Alt 850–2000 m. WC

arborea L., naked name = **Portulacaria afra**

arborea Med. = **C. arborescens** subsp. **arborescens**

arborescens in sense of Keissl.; Marloth, not of (Mill.) Willd., misapplied name = **C. ovata**

arborescens (Mill.) Willd. = **C. arborescens** subsp. **arborescens**

arborescens (Mill.) Willd. subsp. **arborescens**
C. arborea Med. (23)
C. arborescens (Mill.) Willd. (23)
C. cotyledon Jacq. (23)
C. cotyledonifolia Salisb. (23)
Cotyledon arborescens Mill. (23)
Perennial. Shrub, succulent. Ht 1–2 m. Alt 500–1600 m. WC

arborescens (Mill.) Willd. subsp. **undulatifolia** Tölken
Perennial. Shrub, succulent. Ht 1–2 m. Alt 600–1000 m. EC

archeri Compton = **C. pyramidalis**

arenicola Tölken = **C. cymosa**

argentea Thunb. = **C. ovata**

argyrophylla Diels ex Schönland & Baker f. = **C. swaziensis**

argyrophylla Diels ex Schönland & Baker f. var. *ramosa* in sense of Herre; H.Jacobsen, not of Schönland = **C. sericea** var. **sericea**

argyrophylla Diels ex Schönland & Baker f. var. *ramosa* Schönland = **C. swaziensis**

argyrophylla Diels ex Schönland & Baker f. var. *swaziensis* (Schönland) Schönland = **C. swaziensis**

aristata Schönland = **C. bergioides**

arta in sense of H.Jacobsen; Friedrich; Higgins, not of Schönland = **C. plegmatoides**

arta Schönland = **C. deceptor**

articulata Zuccagni = **C. ovata**

atropurpurea (Haw.) D.Dietr. = **C. atropurpurea** var. **atropurpurea**

atropurpurea (Haw.) D.Dietr. var. **anomala** (Schönland & Baker f.) Tölken
C. anomala Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1000–2000 m. WC

atropurpurea (Haw.) D.Dietr. var. **atropurpurea**
C. atropurpurea (Haw.) D.Dietr. (23)
C. clavifolia Harv. (23)
C. micrantha Schönland (23)
C. obliqua Haw. (23)
C. smutsii Schönland (23)
Globulea atropurpurea Haw. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 100–2000 m. WC, EC

atropurpurea (Haw.) D.Dietr. var. **cultriformis** (Friedrich) Tölken
C. cultriformis Friedrich (23)
C. cultriformis Friedrich var. *robusta* Friedrich (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 50–600 m. N, NC

atropurpurea (Haw.) D.Dietr. var. **muirii** (Schönland) R.Fern.
C. atropurpurea (Haw.) D.Dietr. var. *rubella* (Compton) Tölken (27)
C. clavifolia Harv. var. *muirii* Schönland (23)
C. rubella Compton (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1100–1700 m. NC, WC

atropurpurea (Haw.) D.Dietr. var. **purcellii** (Schönland) Tölken
C. purcellii Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1400–2000 m. WC, EC

atropurpurea (Haw.) D.Dietr. var. *rubella* (Compton) Tölken = **C. atropurpurea** var. **muirii**

atropurpurea (Haw.) D.Dietr. var. **watermeyeri** (Compton) Tölken
C. gifbergensis Friedrich (23)
C. sericea in sense of Schönland (1912), not of Schönland (1910) (23)
C. watermeyeri Compton (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1000–1700 m. NC, WC

atropurpurea var. **anomala** × **C. nudicaulis** var. **nudicaulis,** putative hybrid (23)

atropurpurea var. **anomala** × var. **muirii,** putative hybrid (23)

atropurpurea var. **atropurpurea** × var. **muirii**, putative hybrid (23)

atropurpurea var. **cultriformis** × var. **watermeyeri**, putative hybrid (23)

atropurpurea. var. **purcellii** × var. **watermeyeri**, putative hybrid (23)

atropurpurea var. **watermeyeri** × **C. tomentosa**, putative hybrid (23)

atro-sanguinea Beauverd = **C. alba** var. **parvisepala**

aurosensis Dinter = **C. exilis** subsp. **sedifolia**

aurusbergensis G.Will. (35)
Perennial. Herb, succulent. Ht ± 0.02 m. Alt 900–1050 m. N

ausensis Hutchison = **C. ausensis** subsp. **ausensis**

ausensis Hutchison subsp. **ausensis**
C. ausensis Hutchison (23)
C. hofmeyeriana Dinter (23)
C. karasana Friedrich (23)
C. littlewoodii Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.6 m. Alt 900–2000 m. N

ausensis Hutchison subsp. **giessii** (Friedrich) Tölken
C. giessii Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.6 m. Alt 1400–1700 m. N

ausensis Hutchison subsp. **titanopsis** Pavelka
Perennial. Herb, lithophyte, succulent. Ht ± 0.15 m. Alt 1100–1250 m. N

avismontana Dinter = **C. capitella** subsp. **nodulosa**

badspoortense Van Jaarsv.
Perennial. Herb, cremnophyte, succulent. Ht ± 0.1 m. Alt 300–500 m. WC

bakeri Schönland = **C. grisea**

barbata Thunb. = **C. barbata** subsp. **barbata**

barbata Thunb. subsp. **barbata**
C. barbata Thunb. (23)
C. lettyae Phillips (23)
C. turrita in sense of Jacq., not of Thunb. (23)
Purgosea barbata (Thunb.) G.Don, as '*Purgosia*' (23)
Biennial. Herb, succulent. Ht ± 0.3 m. Alt 1000–1800 m. WC

barbata Thunb. subsp. **broomii** (Schönland) Tölken
C. broomii Schönland (23)
Annual or biennial. Herb, succulent. Ht ± 0.3 m. Alt 1200–1800 m. NC

barklyana Schönland = **C. setulosa** var. **rubra**

barklyi in sense of Friedrich, not of N.E.Br. = **C. columnaris** subsp. **prolifera**

barklyi N.E.Br.
C. teres Marloth (23)
Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 50–500 m. NC, WC

bartlettii Schönland = **C. capensis** var. **albertiniae**

basutica Schönland = **C. dependens**

bergioides Harv.
C. aristata Schönland (23)
C. pusilla Schönland (23)
Annual. Herb, succulent. Ht 0.02–0.06 m. Alt 200–900 m. WC

bibracteata Haw. = **C. tetragona** subsp. **acutifolia**

bibracteata in sense of Eckl. & Zeyh., not of Haw. = **C. tetragona** subsp. **tetragona**

biconvexa (Eckl. & Zeyh.) Harv. = **C. pubescens** subsp. **pubescens**

biconvexa Haw. = **C. fascicularis**

biplanata Haw.
C. fruticulosa in sense of Harv., not of L., misapplied name (23)
C. punctulata Schönland & Baker f.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 100–600 m. WC, EC

biplanata in sense of Eckl. & Zeyh., not of Haw. = **C. tetragona** subsp. **tetragona**

biplanata × **C. ericoides** subsp. **ericoides**, putative hybrid (23)

bloubergensis R.A.Dyer = **C. setulosa** var. **setulosa**

bolusii Hook. = **C. exilis** subsp. **cooperi**

brachypetala Drège ex Harv. = **C. pellucida** subsp. **brachypetala**

brachyphylla Adamson = **C. decumbens** var. **brachyphylla**

brachystachya Tölken
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 1300–2000 m. WC, EC

brevifolia (Eckl. & Zeyh.) Schönland, not of Harv., illegitimate name = **C. decumbens** var. **brachyphylla**

brevifolia Harv. = **C. brevifolia** subsp. **brevifolia**

brevifolia Harv. subsp. **brevifolia**
C. brevifolia Harv. (23)
C. flagillima Dinter (23)
C. flavovirens Pillans (23)
C. montis-draconis Dinter (23)
C. pearsonii Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 20–1700 m. N, NC, WC

brevifolia Harv. subsp. **psammophila** Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 20–300 m. NC

brevifolia in sense of Higgins; Friedrich, not of Harv. = **C. rupestris** subsp. **commutata**

brevistyla Baker f.= **C. capitella** subsp. **meyeri**

broomii Schönland = **C. barbata** subsp. **broomii**

browniana Burtt Davy = **C. expansa** subsp. **fragilis**

bullulata Haw. = **C. flava**

burmanniana (Eckl. & Zeyh.) D.Dietr. = **C. flava**

caerulata J.F.Gmel. = **C. crenulata**

caffra L. (insufficiently known) (23)

campestris (Eckl. & Zeyh.) Endl. ex Walp.
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *compacta* Schönland (23)
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *laxa* Schönland (23)
Sedum campestre (Eckl. & Zeyh.) Kuntze (23)
Annual. Herb, succulent. Ht ± 0.1 m. Alt 100–1700 m. N, NW, FS, NC, WC, EC

campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *compacta* Schönland = **C. campestris**

campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *laxa* Schönland = **C. campestris**

campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *pharnaceoides* (Fisch. & C.A.Mey.) Tölken = **C. rhodesica**

campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *rhodesica* (Merxm.) R.Fern. = **C. rhodesica**

canescens (Haw.) Schult. = **C. nudicaulis** var. **nudicaulis**

canescens (Haw.) Schult. var. *angustifolia* (Eckl. & Zeyh.) Harv. = **C. nudicaulis** var. **nudicaulis**

canescens in sense of Harv., not of (Haw.) Schult., misapplied name = **C. cotyledonis**

canescens in sense of Haw. var. *latifolia* Harv., misapplied name = **C. cotyledonis**

capensis (L.) Baill. = **C. capensis** var. **capensis**

capensis (L.) Baill. var. **albertiniae** (Schönland) Tölken
C. albertiniae Schönland (23)
C. bartlettii Schönland (23)
Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 200–400 m. WC

capensis (L.) Baill. var. **capensis**
C. capensis (L.) Baill. (23)
C. globifera (Sims) Spreng. (23)
C. saxifraga in sense of Hook., not of Harv. (23)
C. septas Thunb. (23)
C. septas Thunb. var. *leipoldtii* Schönland (23)
Septas capensis L. (23)
Septas globifera Sims, as '*globiflora*' (23)
Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 200–600 m. WC

capensis (L.) Baill. var. **promontorii** (Schönland & Baker f.) Tölken
C. promontorii Schönland & Baker f. (23)
Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 700–1000 m. WC

capensis var. **capensis** × **C. dentata**, putative hybrid (23)

capillacea E.Mey. ex Drège in part = **C. filiformis**

capillacea E.Mey. ex Drège in part, naked name = **C. glomerata**

capitata Lam. = **C. subulata** var. **subulata**

capitata Lodd. = **C. fascicularis**

capitella in sense of Drège, not of Thunb. = **C. capitella** subsp. **meyeri**

capitella subsp. **thyrsiflora** × **C. exilis** subsp. **cooperi**, putative hybrid (23)

capitella Thunb. = **C. capitella** subsp. **capitella**

capitella Thunb. subsp. **capitella**
C. albanensis Schönland (23)
C. capitella Thunb. (23)
C. hemisphaerica Thunb. var. *recurva* Schönland (23)
C. impressa (Haw.) D.Dietr. (23)
C. paniculata (Haw.) D.Dietr. (23)
C. rufo-punctata Schönland (23)
C. spicata Thunb. (23)
C. subbifaria Schönland (23)
C. thyrsiflora in sense of Drège, not of Thunb. (23)
C. turrita in sense of Harv.; Schönland, not of Thunb., misapplied name (23)
C. turrita Thunb. var. *latifolia* Harv. (23)
Globulea impressa Haw. (23)
Globulea impressa Haw. var. *minor* Haw. (23)
Globulea paniculata Haw. (23)
Purgosea alooides (Dryand.) Haw. (23)
Purgosea capitella (Thunb.) Sweet, as '*capitellata*' (23)
Purgosea spicata (Thunb.) G.Don (23)
Purgosea turrita (Thunb.) Sweet in part
Purgosea turrita (Thunb.) Sweet var. *alba* Sweet in part (23)
Sedum corymbulosum (Link & Otto) Kuntze in part (23)
Biennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1700 m. FS, WC, EC

capitella Thunb. subsp. *enantiophylla* (Baker f.) Tölken = **C. capitella** subsp. **nodulosa**

capitella Thunb. subsp. **meyeri** (Harv.) Tölken
C. brevistyla Baker f. (23)
C. capitella in sense of Drège, not of Thunb. (23)
C. capitellata in sense of Drège, not of Thunb. (23)
C. meyeri Harv. (23)
C. natalensis Schönland var. *mosii* Schönland (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 0–550 m. KZN

capitella Thunb. subsp. **nodulosa** (Schönland) Tölken
C. avismontana Dinter (23)
C. capitella Thunb. subsp. *enantiophylla* (Baker f.) Tölken (23)
C. elata N.E.Br. (23)
C. enantiophylla Baker f. (23)
C. guchabensis Merxm. (23)
C. nodulosa Schönland (23)
C. pectinata Conrath (23)
Perennial. Herb, succulent. Ht 0.1–0.8 m. Alt 800–2200 m. N, LIM, G, M, NC

capitella Thunb. subsp. **sessilicymula** (Mogg) Tölken
C. sessilicymula Mogg (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 20–200 m. LIM, G

capitella Thunb. subsp. **thyrsiflora** (Thunb.) Tölken
Aloe pertusa Haw. (23)
C. corymbulosa Link & Otto (23)
C. corymbulosa Link & Otto var. *cordata* Schönland (23)
C. corymbulosa Link & Otto var. *lanceolata* Schönland (23)
C. corymbulosa Link & Otto var. *major* Schönland (23)
C. corymbulosa Link & Otto var. *typica* Schönland (23)
C. luederitzii in sense of Friedrich, not of Schönland (23)
C. nuda Compton (23)
C. rhodogyna Friedrich (23)
C. thyrsiflora Thunb. (23)
C. triebneri Schönland (23)
C. turrita Thunb. (23)
C. turrita Thunb. var. *rosea* Haw. (23)
Purgosea alooides in sense of Eckl. & Zeyh., as '*Pyrgosea aloides*', not of (Dryand.) Haw. (23)
Purgosea corymbulosa (Link & Otto) Sweet
Purgosea pertusa (Haw.) Haw. (23)
Purgosea pertusula Haw. (23)
Purgosea thyrsiflora (Thunb.) Sweet (23)
Purgosea turrita (Thunb.) Sweet in part, naked name (23)
Purgosea turrita (Thunb.) Sweet var. *alba* Sweet in part (23)
Sedum corymbulosum (Link & Otto) Kuntze in part (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1900 m. N, FS, KZN, NC, WC, EC

capitellata in sense of Drège, not of Thunb. = **C. capitella** subsp. **meyeri**

centauroides in sense of Aiton; Sims; Eckl. & Zeyh.; Drège; Harv., not of L., misapplied name = **C. pellucida** subsp. **pellucida**

centauroides in sense of Thunb., not of L., misapplied name = **C. pellucida** subsp. **marginalis**

centauroides L. = **C. strigosa**

centauroides L. var. *marginalis* (Dryand.) Harv. = **C. pellucida** subsp. **marginalis**

cephalophora in sense of Schönland in part, excluding type, not of Thunb. = **C. cotyledonis**

cephalophora Thunb. = **C. nudicaulis** var. **nudicaulis**

cephalophora Thunb. var. *basutica* Schönland = **C. nudicaulis** var. **nudicaulis**

cephalophora Thunb. var. *dubia* (Schönland) Schönland = **C. cotyledonis**

cephalophora Thunb. var. *tayloriae* (Schönland) Schönland = **C. cotyledonis**

cephalophora Thunb. var. *thunbergii* Schönland = **C. nudicaulis** var. **nudicaulis**

chloraeflora (Haw.) D.Dietr. = **C. dichotoma**

ciliata L.
Purgosea ciliata (L.) Sweet (23)
Sedum ciliatum (L.) Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 20–300 m. WC, EC

ciliata L. var. *acutifolia* E.Mey. ex Drège = **C. vaginata** subsp. **vaginata**

cinerea Friedrich (insufficiently known) (23)

clavata N.E.Br.
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 300–1000 m. NC, WC, EC

clavifolia Harv. = **C. atropurpurea** var. **atropurpurea**

clavifolia Harv. var. *muirii* Schönland = **C. atropurpurea** var. **muiri**

coccinea L.
C. versicolor Burch. ex Ker Gawl. (23)
Dietrichia coccinea (L.) Tratt (23)
Dietrichia versicolor (Ker Gawl.) Eckl. & Zeyh. (23)
Kalosanthes coccinea (L.) Haw. (23)
Kalosanthes coccinea (L.) Haw. var. *alba* Haw. (23)
Kalosanthes versicolor (Ker Gawl.) Haw. (23)
Larochea coccinea (L.) Pers. (23)
Rochea coccinea (L.) DC. (23)
Rochea versicolor (Ker Gawl.) Link (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 0–700 m. WC

coerulescens Schönland = **C. nemorosa**

cogmansensis (Kuntze) K.Schum. = **C. subaphylla** var. **subaphylla**

columella Marloth & Schönland
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 30–400 m. NC

columnaris in sense of H.Jacobsen; Friedrich, not of Thunb., misapplied name = **C. columnaris** subsp. **prolifera**

columnaris Thunb. = **C. columnaris** subsp. **columnaris**

columnaris Thunb. subsp. **columnaris**
C. columnaris Thunb. (23)
C. mitrata Friedrich (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.01 m. Alt 1000–1700 m. NC, WC, EC

columnaris Thunb. subsp. **prolifera** Friedrich
C. barklyi in sense of Friedrich, not of N.E.Br. (23)
C. columnaris in sense of H.Jacobsen; Friedrich, not of Thunb., misapplied name (23)
C. columnaris Thunb. var. *elongata* E.Mey. ex Drège (23)
C. semiorbicularis Eckl. & Zeyh. (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.01 m. Alt 20–1700 m. N, NC, WC

columnaris Thunb. var. *elongata* E.Mey. ex Drège = **C. columnaris** subsp. **prolifera**

commutata Friedrich = **C. rupestris** subsp. **commutata**

compacta Schönland
C. compacta Schönland var. *eliator* Baker f. (23)
C. massonoides Diels (23)
C. mosii Schönland (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.2 m. Alt 1400–2000 m. G, M, FS

compacta Schönland var. *eliator* Baker f. = **C. compacta**

comptonii Hutchison & Pillans = **C. namaquensis** subsp. **comptonii**

concinella Haw. (insufficiently known) (23)

concinna Haw. (insufficiently known) (23)

confusa Schönland & Baker f. = **C. nemorosa**

congesta N.E.Br. = **C. congesta** subsp. **congesta**

congesta N.E.Br. subsp. **congesta**
C. congesta N.E.Br. (23)
C. pachyphylla Schönland (23)
Biennial. Herb, succulent. Ht 0.05–0.2 m. Alt 1000–1600 m. WC, EC

congesta N.E.Br. subsp. **laticephala** (Schönland) Tölken
C. laticephala Schönland (23)
Biennial. Herb, succulent. Ht 0.05–0.1 m. Alt 400–700 m. WC, EC

conjuncta N.E.Br. = **C. perforata**

connivens Schönland = **C. tetragona** subsp. **connivens**

conspicua Haw. = **C. tomentosa** var. **tomentosa**

cooperi in sense of Schönland, not of Regel = **C. exilis** subsp. **sedifolia**

cooperi Regel = **C. exilis** subsp. **cooperi**

corallina in sense of Higgins; H.Jacobsen; Friedrich, not of Thunb., misapplied name = **C. corallina** subsp. **macrorrhiza**

corallina Thunb. = **C. corallina** subsp. **corallina**

corallina Thunb. subsp. **corallina**
C. corallina (23)
C. dasyphylla Harv. (23)
Perennial. Herb, succulent. Ht ± 0.08 m. Alt 200–1700 m. N, NW, FS, NC, WC, EC

corallina Thunb. subsp. **macrorrhiza** Tölken
C. corallina in sense of Higgins; H.Jacobsen; Friedrich, not of Thunb., misapplied name (23)
Perennial. Herb, succulent. Ht ± 0.08 m. Alt 400–1000 m. N, NC

cordata in sense of Drège, not of Thunb. = **C. nemorosa**

cordata in sense of Lodd., not of Thunb. = **C. spathulata**

cordata Thunb.
C. aitonii Britten & Baker f. (23)
C. glauca Schönland (23)
C. neglecta Schult. (23)
C. perfossa in sense of Drège, not of Lam. (23)
Perennial. Herb, succulent. Ht ± 0.3 m. Alt 100–500 m. KZN, EC

cornuta Schönland & Baker f. = **C. deceptor**

corpuscullariopsis Boom = **C. elegans** subsp. **elegans**

corymbulosa Link & Otto = **C. capitella** subsp. **thyrsiflora**

corymbulosa Link & Otto var. *cordata* Schönland = **C. capitella** subsp. **thyrsiflora**

corymbulosa Link & Otto var. *lanceolata* Schönland = **C. capitella** subsp. **thyrsiflora**

corymbulosa Link & Otto var. *major* Schönland = **C. capitella** subsp. **thyrsiflora**

corymbulosa Link & Otto var. *typica* Schönland = **C. capitella** subsp. **thyrsiflora**

cotyledon Jacq. = **C. arborescens** subsp. **arborescens**

cotyledonifolia Salisb. = **C. arborescens** subsp. **arborescens**

cotyledonis Thunb.
C. canescens in sense of Harv., not of (Haw.) Schult., misapplied name (23)
C. canescens in sense of Harv. var. *latifolia* Harv., misapplied name (23)
C. cephalophora in sense of Schönland in part, excluding type, not of Thunb. (23)
C. cephalophora Thunb. var. *dubia* (Schönland) Schönland (23)
C. cephalophora Thunb. var. *tayloriae* (Schönland) Schönland (23)
C. dubia Schönland (23)
C. rehmannii Baker f. (23)
C. tayloriae Schönland (23)
Globulea obvallata in sense of Eckl. & Zeyh., not of (L.) Haw. (23)
Purgosea cotyledonis (Thunb.) Sweet (23)
Perennial. Herb, succulent. Ht ± 0.2 m, 0.35–0.65 m when in flower. Alt 50–1800 m. N, NC, WC, EC

crassiflora (Kuntze) K.Schum. = **C. vaginata** subsp. **vaginata**

cremnophila Van Jaarsv. & A.E.van Wyk
Perennial. Herb, cremnophyte, succulent. Ht ± 0.025 m. Alt 100–700 m. EC

crenatifolia Baker f. = **C. umbraticola**

crenulata Thunb.
C. caerulata J.F.Gmel. (23)
C. telephioides Haw. (23)
Purgosea crenulata (Thunb.) G.Don (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1900 m. KZN, L, EC

cultrata L.
C. cultrata L. var. *typica* Schönland (23)
C. torquata Baker f. (23)
Globulea cultrata (L.) Haw. (23)
Perennial. Shrub, succulent. Ht ± 0.8 m. Alt 50–1600 m. KZN, EC

cultrata L. var. *typica* Schönland = **C. cultrata**

cultrata × **C. nudicaulis** var. **nudicaulis**, putative hybrid (23)

cultriformis Friedrich = **C. atropurpurea** var. **cultriformis**

cultriformis Friedrich var. *robusta* Friedrich = **C. atropurpurea** var. **cultriformis**

curta N.E.Br. = **C. setulosa** var. **rubra**

curta N.E.Br. var. *rubra* N.E.Br. = **C. setulosa** var. **rubra**

cyclophylla Schönland & Baker f. = **C. spathulata**

cylindrica Schönland = **C. pyramidalis**

cymbiformis Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 1000–1750 m. LIM

cymosa in sense of Thunb., not of P.J.Bergius = **C. flava**

cymosa P.J.Bergius
C. arenicola Tölken (23)
C. subulata in sense of Eckl. & Zeyh., not of L. (23)
Larochea cymosa (P.J.Bergius) Haw. in part (23)
Rochea cymosa (P.J.Bergius) DC. in part (23)
Sedum cymosum (P.J.Bergius) Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 50–1000 m. WC

dasyphylla Harv. = **C. corallina** subsp. **corallina**

debilis Thunb. = **C. thunbergiana** subsp. **thunbergiana**

deceptor Schönland & Baker f.
C. arta Schönland (23)
C. cornuta Schönland & Baker f. (23)
C. deceptrix Schönland (23)
C. deltoidea in sense of Harv., not of Thunb., misapplied name (23)
Perennial. Herb, succulent. Ht ± 0.08 m, 0.1–0.16 m when in flower. Alt 50–400 m. N, NC

deceptrix Schönland = **C. deceptor**

decidua Schönland
Perennial. Herb, succulent. Ht ± 0.06 m. Alt 500–1200 m. EC

decipiens N.E.Br. = **C. tecta**

decumbens Thunb. = **C. decumbens** var. **decumbens**

decumbens Thunb. var. **brachyphylla** (Adamson) Tölken
Bulliarda brevifolia Eckl. & Zeyh. (23)
C. brachyphylla Adamson (23)
C. brevifolia (Eckl. & Zeyh.) Schönland, not of Harv., illegitimate name (23)
Tillaea brevifolia (Eckl. & Zeyh.) Walp. (23)
Annual. Herb, succulent. Ht 0.04–0.12 m. Alt 50–1000 m. WC, NC

decumbens Thunb. var. **decumbens**
Bulliarda trichotoma Eckl. & Zeyh. (23)
C. decumbens Thunb. (23)
C. langebaanensis Schönland (23)
C. leipoldtii Schönland & Baker f. (23)
C. macrantha (Hook.f.) Diels & E.Pritz. (23)
Tillaea trichotoma (Eckl. & Zeyh) Walp. (23)
Annual. Herb, succulent. Ht 0.04–0.12 m. Alt 200–1500 m. WC, NC

decumbens (Willd.) Harv., not of Thunb., illegitimate name = **C. thunbergiana** subsp. **thunbergiana**

dejecta Jacq.
C. albiflora Sims (23)
C. albiflora Sims var. *minor* Schönland (23)
C. obvallata in sense of Thunb., not of L. (23)
C. undata Haw. (23)
C. undulata Haw. (23)
Curtogyne albiflora (Sims) Eckl. & Zeyh. (23)
Curtogyne dejecta (Jacq.) DC. (23)
Curtogyne undosa Haw. (23)
Curtogyne undata (Haw.) Haw. (23)
Curtogyne undulata (Haw.) Haw.) (23)
Rochea albiflora (Sims) DC. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 400–800 m. NC, WC

deltoidea in sense of Harv., not of Thunb., misapplied name = **C. deceptor**

deltoidea in sense of Schönland & Baker f., not of Thunb. = **C. plegmatoides**

deltoidea in sense of Schönland, not of Thunb. = **C. alstonii**

deltoidea Thunb.
C. rhomboidea N.E.Br. (23)
Perennial. Herb, succulent. Ht ± 0.08 m. Alt 200–500 m. N, NC, WC, EC

deminuta Diels = **C. setulosa** var. **deminuta**

densa N.E.Br. = **C. elegans** subsp. **elegans**

densifolia Harv. = **C. tetragona** subsp. **tetragona**

dentata Thunb.
C. dentata Thunb. var. *minor* Harv. (23)
C. dielsii Schönland (23)
C. marlothii Schönland (23)
C. minima Thunb. (23)
C. petrogeton Endl. ex Walp. (23)
C. patens (Eckl. & Zeyh.) Endl. & Walp. (23)
Petrogeton patens Eckl. & Zeyh. (23)
Petrogeton typicum Eckl. & Zeyh. (23)
Petrogeton typicum Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. (23)
Purgosea dentata (Thunb.) G.Don (23)
Purgosea minima (Thunb.) G.Don (23)
Perennial. Herb, succulent. Ht 0.01–0.2 m. Alt 200–1400 m. WC

dentata Thunb. var. *minor* Harv. = **C. dentata**

dependens Bolus
C. alpestris in sense of Harv.; Keissl., not of Thunb., misapplied name (23)
C. basutica Schönland (23)
C. griquaensis Schönland (23)
C. harveyi Britten & Baker f. (23)
C. harveyi Britten & Baker f. var. *dependens* (Bolus) Schönland (23)
C. harveyi Britten & Baker f. var. *intermedia* Schönland (23)
C. harveyi Britten & Baker f. var. *typica* Schönland (23)
C. laxa Schönland (23)
C. montis-moltkei Dinter (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 800–3000 m. N, M, FS, KZN, L, NC, WC, EC

depressa (Eckl. & Zeyh.) Tölken
C. ecklonii D.Dietr.
Grammanthes depressa Eckl. & Zeyh.
Grammanthes gentianoides (Lam.) DC. var. *depressa* (Eckl. & Zeyh.) Harv. (23)
Annual. Dwarf shrub, herb. Ht ± 0.05 m. Alt 20–500 m. WC

dewinteri Friedrich in part = **C. pubescens** subsp. **pubescens**

dewinteri Friedrich in part = **C. sericea** var. **sericea**

diabolica N.E.Br. = **C. pellucida** subsp. **brachypetala**

diaphana Drège ex Harv. = **C. strigosa**

dichotoma in sense of L.f., not of L. = **C. pellucida** subsp. **pellucida**

dichotoma L.
C. chloraeflora (Haw.) D.Dietr. (23)
C. gentianoides Lam. (23)
C. retroflexa Thunb. (23)
Grammanthes chloraeflora (Haw.) DC. (23)
Grammanthes chloraeflora (Haw.) DC. var. *caesia* Hook.f. (23)
Grammanthes gentianoides (Lam.) DC. (23)
Grammanthes gentianoides (Lam.) DC. var. *caesia* Hook.f. (23)
Grammanthes gentianoides (Lam.) DC. var. *chloraeflora* (Haw.) Harv. (23)
Grammanthes gentianoides (Lam.) DC. var. *vera* Harv. (23)
Grammanthes retroflexa (Thunb.) Sweet (23)
Vauanthes chloraeflora Haw. (23)
Vauanthes dichotoma (L.) Kuntze (23)
Annual. Herb, succulent. Ht 0.05–0.25 m. Alt 50–1500 m. NC, WC

dielsii Schönland = **C. dentata**

diffusa Dryand., species insufficiently known (23)

dinteri Schönland = **C. elegans** subsp. **elegans**

divaricata Eckl. & Zeyh. = **C. muricata**

divaricata in sense of Schönland & Baker f., not of Eckl. & Zeyh., misapplied name = **C. whiteheadii**

dodii Schönland & Baker f.
Annual. Herb, succulent. Ht 0.01–0.05 m. Alt 100–600 m. WC

drakensbergensis Schönland = **C. vaginata** subsp. **vaginata**

dregeana Harv. = **C. obovata** var. **dregeana**

dregei (Harv.) Schönland = **C. pellucida** subsp. **brachypetala**

dubia Schönland = **C. cotyledonis**

ecklonii D.Dietr. = **C. depressa**

eendoornensis Dinter = **C. tomentosa** var. **glabrifolia**

elata N.E.Br. = **C. capitella** subsp. **nodulosa**

elatinoides (Eckl. & Zeyh.) Friedrich
Bulliarda elatinoides Eckl. & Zeyh. (23)
Tillaea elatinoides (Eckl. & Zeyh.) Walp. (23)
Annual. Herb, succulent. Ht ± 0.06 m. Alt 1050–1085 m. WC

elegans Schönland & Baker f. = **C. elegans** subsp. **elegans**

elegans Schönland & Baker f. subsp. **elegans**
C. corpuscullariopsis Boom (23)
C. densa N.E.Br. (23)
C. dinteri Schönland (23)
C. elegans Schönland & Baker f. (23)
C. globosa N.E.Br. (23)
C. humilis N.E.Br. (23)
C. liquiritiodora Dinter (23)
C. mesembrianthoides Schönland & Baker f. (23)
C. schoenlandii H.Jacobsen (23)
Perennial. Herb, succulent. Ht ± 0.08 m. Alt 20–1800 m. N, NC

elegans Schönland & Baker f. subsp. **namibensis** (Friedrich) Tölken
C. alstonii in sense of Range, not of Marloth (23)
C. mesembryanthemoides Dinter & A.Berger (23)
C. namibensis Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.08 m. Alt 20–300 m. N

elongata Schönland = **C. pellucida** subsp. **brachypetala**

elsieae Tölken
Perennial. Herb, succulent. Ht ± 0.1 m. Alt 1000–1500 m. WC

enantiophylla Baker f. = **C. capitella** subsp. **nodulosa**

engleri Schönland = **C. montana** subsp. **montana**

ericoides Haw. = **C. ericoides** subsp. **ericoides**

ericoides Haw. subsp. **ericoides**
C. ericoides Haw. (23)
C. furcata (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. jacobseniana Poelln. (23)
Tetraphyle furcata Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 20–1000 m. KZN, WC, EC

ericoides Haw. subsp. **tortuosa** Tölken
C. ericoides Haw. subsp. *tortuosa* Tölken, as '*torulosa*' (23)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 800–1200 m. WC, EC

ericoides Haw. subsp. *tortuosa* Tölken, as '*torulosa*' = **C. ericoides** subsp. **tortuosa**

ernestii Schönland & Baker f. = **C. lanuginosa** var. **pachystemon**

erosula N.E.Br. in part = **C. subacaulis** subsp. **erosula**

exilis Harv. = **C. exilis** subsp. **exilis**

exilis Harv. subsp. **cooperi** (Regel) Tölken
C. bolusii Hook. (23)
C. cooperi Regel (23)
C. picturata in sense of Boom, not of Friedrich (23)
Sedum regelii Kuntze (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 900–1500 m. EC

exilis Harv. subsp. **exilis**
C. alpestris in sense of Drège, not of Thunb. (23)
C. exilis Harv. (23)
C. petraea Schönland (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 900–1100 m. NC

exilis Harv. subsp. **sedifolia** (N.E.Br.) Tölken
C. aurosensis Dinter (23)
C. cooperi in sense of Schönland, not of Regel (23)
C. picturata in sense of Friedrich, not of Boom, misapplied name (23)
C. sedifolia N.E.Br. (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 500–900 m. N, NC

exilis in sense of Keissl., not of Harv. = **C. setulosa** var. **rubra**

expansa Dryand. = **C. expansa** subsp. **expansa**

expansa Dryand. subsp. **expansa**
C. albicaulis Harv. (23)
C. expansa Dryand. (23)
C. parviflora E.Mey. ex Drège (23)
C. peploides in sense of Schönland, not of Harv. (23)
C. prostratum Thunb. (23)
Sedum expansum (Dryand. in Aiton) Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

expansa Dryand. subsp. **filicaulis** (Haw.) Tölken
C. filicaulis Haw. (23)
C. maritima Schönland (23)
C. uniflora Schönland (23)
Perennial. Herb, succulent. Ht ± 0.2 m. Alt 20–600 m. WC, EC

expansa Dryand. subsp. **fragilis** (Baker) Tölken
C. browniana Burtt Davy (23)
C. fragilis Baker (23)
C. furcata in sense of Schönland, not of (Eckl. & Zeyh.) Endl. & Walp., misapplied name (23)
C. thorncroftii Burtt Davy (23)
C. woodii Schönland (23)
Perennial, occ. annual. Herb, succulent. Ht ± 0.25 m. Alt 50–1800 m. LIM, G, M, S, KZN, EC

expansa Dryand. subsp. *peculiaris* Tölken = **C. peculiaris**

expansa Dryand. subsp. **pyrifolia** (Compton) Tölken
C. albicaulis in sense of Friedrich, not of Harv. (23)
C. pyrifolia Compton (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–500 m. N, NC, WC

falcata J.C.Wendl. = **C. perfoliata** var. **minor**

fallax Friedrich
Curtogyne dejecta in sense of Eckl., not of (Jacq.) DC., misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 20–400 m. WC

fallax × **C. scabra**, putative hybrid (23)

falx Linding = **C. perfoliata** var. **minor**

fascicularis Lam.
C. biconvexa Haw. (23)
C. capitata Lodd. (23)
C. media (Haw.) D.Dietr. (23)
C. odoratissima Andrews (23)
C. subulata in sense of P.J.Bergius; Thunb., not of L., misapplied name (23)
Dietrichia bicolor (Haw.) Eckl. & Zeyh. (23)
Dietrichia media (Haw.) Eckl. & Zeyh. (23)
Dietrichia odoratissima (Andrews) Tratt. ex Eckl. & Zeyh. (23)
Kalosanthes bicolor Haw. (23)
Kalosanthes biconvexa (Haw.) Haw. (23)
Kalosanthes capitata (Lodd.) Sweet (23)
Kalosanthes cymosa (P.J.Bergius) Haw. (23)
Kalosanthes fascicularis (Lam.) G.Don (23)
Kalosanthes media Haw. (23)
Kalosanthes odoratissima (Andrews) Haw. (23)
Kalosanthes odoratissima (Andrews) Haw. var. *alba* (DC.) G.Don (23)
Larochea cymosa (P.J.Bergius) Haw. in part (23)
Larochea fascicularis (Lam.) Schult. (23)
Larochea odoratissima (Andrews) Haw. (23)
Larochea odoratissima (Andrews) Haw. var. *bicolor* (Haw.) DC. (23)
Larochea tiniflora Lem. (23)
Rochea bicolor (Haw.) Steud. (23)
Rochea biconvexa (Haw.) DC. (23)
Rochea fascicularis (Lam.) DC. (23)
Rochea media (Haw.) DC. (23)
Rochea odoratissima (Andrews) Link (23)
Rochea odoratissima (Andrews) Link var. *alba* DC. (23)
Rochea odoratissima (Andrews) Link var. *bicolor* (Haw.) DC. (23)

Rochea subulata (L.) Adamson (23)
Rochea versicolor in sense of Harv. in part, not of (Ker Gawl.) Link, misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1200 m. WC

fastigiata Schönland = **C. subulata** var. **fastigiata**

fergusoniae Schönland = **C. pubescens** subsp. **pubescens**

fergusoniae Schönland forma *major* Schönland = **C. pubescens** subsp. **pubescens**

filamentosa Schönland = **C. lanceolata** subsp. **lanceolata**

filicaulis Haw. = **C. expansa** subsp. **filicaulis**

filiformis (Eckl. & Zeyh.) D.Dietr.
C. capillacea E.Mey. ex Drège, in part (23)
Dinacria filiformis (Eckl. & Zeyh.) Harv. (23)
Grammanthes filiformis Eckl. & Zeyh. (23)
Annual. Herb, succulent. Ht ± 0.1 m. Alt 20–200 m. WC, EC

flabellifolia Harv. = **C. umbella**

flagillima Dinter = **C. brevifolia** subsp. **brevifolia**

flanaganii Schönland & Baker f.
C. acuminata E.Mey. ex Drège (23)
Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–900 m. KZN, EC

flava L.
C. bullulata Haw. (23)
C. burmanniana (Eckl. & Zeyh.) D.Dietr. (23)
C. cymosa in sense of Thunb., not of P.J.Bergius (23)
C. virgata in sense of E.Mey. ex Drège, not of Harv., naked name (23)
Curtogyne burmanniana Eckl. & Zeyh. (23)
Curtogyne flava (L.) Eckl. & Zeyh. (23)
Kalosanthes flava (L.) Sweet (23)
Larochea flava (L.) Haw. (23)
Rochea flava (L.) DC. (23)
Sedum flavum (L.) Kuntze (23)
Sedum flavum (L.) Kuntze var. *brevifolium* Kuntze (23)
Sedum flavum (L.) Kuntze var. *lorifolium* Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 20–500 m. WC

flavovirens Pillans = **C. brevifolia** subsp. **brevifolia**

fragilis Baker = **C. expansa** subsp. **fragilis**

fragilis Schönland = **C. pubescens** subsp. **pubescens**

fruticulosa in sense of Harv., not of L., misapplied name = **C. biplanata**

fruticulosa in sense of Keissl., not of L. = **C. sarcocaulis** subsp. **rupicola**

fruticulosa L. (insufficiently known) (23)

furcata (Eckl. & Zeyh.) Endl. ex Walp. = **C. ericoides** subsp. **ericoides**

furcata in sense of Schönland, not of (Eckl. & Zeyh.) Endl. & Walp., misapplied name = **C. expansa** subsp. **fragilis**

fusca Herre
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 800–1090 m. N, NC

galpinii Schönland = **C. peploides**

garibina Marloth & Schönland = **C. garibina** subsp. **garibina**

garibina Marloth & Schönland subsp. **garibina**
C. garibina Marloth & Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 500–800 m. N, NC

garibina Marloth & Schönland subsp. **glabra** Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 900–1300 m. NC

gemmifera Friedrich
Perennial. Herb, succulent. Ht ± 0.07 m. Alt 1000–3200 m. FS, KZN, L, EC

gentianoides Lam. = **C. dichotoma**

giessii Friedrich = **C. ausensis** subsp. **giessii**

gifbergensis Friedrich = **C. atropurpurea** var. **watermeyeri**

gillii Schönland = **C. montana** subsp. **quadrangularis**

glabra Haw. = **C. glomerata**

glabrifolia Harv. = **C. tomentosa** var. **glabrifolia**

glauca Schönland = **C. cordata**

globosa N.E.Br. = **C. elegans** subsp. **elegans**

globifera (Sims) Spreng. = **C. capensis** var. **capensis**

globosa N.E.Br. = **C. elegans** subsp. **elegans**

globularioides Britten subsp. *argyrophylla* (Schönland & Baker f.) Tölken = **C. swaziensis**

glomerata P.J.Bergius
C. capillacea E.Mey. ex Drège in part, naked name (23)
C. glabra Haw. (23)
C. glomerata P.J.Bergius var. *patens* Eckl. & Zeyh. (23)
C. scleranthoides Burm.f. (23)
Dasystemon calycina DC. in part (23)
Annual. Herb, succulent. Ht ± 0.15 m. Alt 50–800 m. NC, WC

glomerata P.J.Bergius var. *patens* Eckl. & Zeyh. = **C. glomerata**

grammanthoides (Schönland) Tölken
Dinacria grammanthoides Schönland (23)
Annual. Herb, succulent. Ht ± 0.05 m. Alt 200–400 m. WC

griquaensis Schönland = **C. dependens**

grisea Schönland
C. bakeri Schönland (23)
C. ihlenfeldtii Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–400 m. N, NC

guchabensis Merxm. = **C. capitella** subsp. **nodulosa**

guilelmi-trollii Stopp = **C. hirsuta**

hallii Adcock, illegitimate name = **C. sericea** var. **sericea**

harveyi Britten & Baker f. = **C. dependens**

harveyi Britten & Baker f. var. *dependens* (Bolus) Schönland = **C. dependens**

harveyi Britten & Baker f. var. *intermedia* Schönland = **C. dependens**

harveyi Britten & Baker f. var. *typica* Schönland = **C. dependens**

hemispharica in sense of Drège, not of Thunb. = **C. montana** subsp. **quadrangularis**

hemisphaerica Thunb.
C. alooides Dryand. (23)
C. hemisphaerica Thunb. var. *foliosa* Schönland (23)
C. hemisphaerica Thunb. var. *typica* Schönland (23)
Purgosea hemisphaerica (Thunb.) G.Don (23)

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 500–1000 m. WC, EC

hemisphaerica Thunb. var. *foliosa* Schönland = **C. hemisphaerica**

hemisphaerica Thunb. var. *recurva* Schönland = **C. capitella** subsp. **capitella**

hemisphaerica Thunb. var. *typica* Schönland = **C. hemisphaerica**

herrei Friedrich = **C. nudicaulis** var. **herrei**

heterotricha Schinz = **C. perfoliata** var. **heterotricha**

hirsuta Schönland & Baker f.
C. guilelmi-trollii Stopp (23)
Annual. Herb, succulent. Ht ± 0.06 m. Alt 50–1600 m. NC, WC, EC

hirta Thunb. = **C. nudicaulis** var. **nudicaulis**

hirta Thunb. var. *dyeri* Schönland = **C. nudicaulis** var. **nudicaulis**

hirtipes Harv.
C. hystrix Schönland (23)
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 50–500 m. NC, WC

hirtipes × **C. subaphylla** var. **virgata**, putative hybrid (23)

hispida (Haw.) D.Dietr. = **C. mesembryanthoides** subsp. **hispida**

hispida in sense of Schönland & Baker f., not of (Haw.) D.Dietr., misapplied name = **C. subulata** var. **hispida**

hofmeyeriana Dinter = **C. ausensis** subsp. **ausensis**

hottentotta Marloth & Schönland = **C. sericea** var. **hottentotta**

humilis N.E.Br. = **C. elegans** subsp. **elegans**

hystrix Schönland = **C. hirtipes**

ihlenfeldtii Friedrich = **C. grisea**

imbricata Burm.f. = **C. muscosa** var. **muscosa**

impressa (Haw.) D.Dietr. = **C. capitella** subsp. **capitella**

impressa N.E.Br. (insufficiently known) (23)

inaequalis Schönland = **C. acinaciformis**

inamoena N.E.Br. = **C. subacaulis** subsp. **erosula**

inandensis Schönland & Baker f.
C. wyliei Schönland (23)
Perennial. Herb, succulent, scrambler. Ht ± 0.4 m. Alt 500–550 m. KZN, EC

inanis Thunb.
Bulliarda perfoliata (L.f.) DC. (23)
Helophytum inane (Thunb.) Eckl. & Zeyh. (23)
Helophytum inane (Thunb.) Eckl. & Zeyh. var. *latifolium* Eckl. & Zeyh. (23)
Tillaea inanis (Thunb.) Steud. (23)
Tillaea perfoliata L.f. (23)
Tillaea perfoliata L.f. var. *latifolium* (Eckl. & Zeyh.) Walp. (23)
Perennial, occ. annual. Herb, hydrophyte, succulent. Ht ± 0.3 m. Alt 50–3000 m. M, FS, KZN, L, WC, EC

incana (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**

inchangensis Engl. = **C. obovata** var. **obovata**

intermedia Schönland
Perennial. Herb, succulent. Ht ± 0.2 m when in flower. Alt 0–500 m. EC

interrupta Drège ex Harv., naked name = **C. tomentosa** var. **glabrifolia**

interrupta Drège ex Harv. var. *glabrifolia* (Harv.) Schönland = **C. tomentosa** var. **glabrifolia**

involucrata Schönland = **C. pellucida** subsp. **brachypetala**

jacobseniana Poelln. = **C. ericoides** subsp. **ericoides**

jasminiana Haw. ex Sims = **C. obtusa**

johannis-winkleri Linding. = **C. perfoliata** var. **coccinea**

karasana Friedrich = **C. ausensis** subsp. **ausensis**

klinghardtensis Schönland = **C. sericea** var. **sericea**

lactea Sol.
Perennial. Succulent, scrambler. Ht ± 0.4 m. Alt 50–800 m. KZN, WC, EC

lambertiana Schönland & Baker f. = **C. oblanceolata**

lanceolata (Eckl. & Zeyh.) Endl. ex Walp. = **C. lanceolata** subsp. **lanceolata**

lanceolata (Eckl. & Zeyh.) Endl. ex Walp. subsp. **denticulata** (Brenan) Tölken
C. pentandra Royle ex Edgew. var. *denticulata* Brenan (23)
C. schimperi Fisch. & C.A.Mey. var. *denticulata* (Brenan) R.Fern. (23)
C. schimperi Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part (23)
Perennial. Herb, succulent. Ht ± 0.1 m. Alt 800–2200 m. LIM

lanceolata (Eckl. & Zeyh.) Endl. ex Walp. subsp. **lanceolata**
C. filamentosa Schönland (23)
C. lanceolata (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. muscosa in sense of Harv., not of L., misapplied name (23)
C. parvula in sense of Schönland; Adamson; Jacot Guill., not of (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. schimperi Fisch. & C.A.Mey. forma *filamentosa* (Schönland) R.Fern. (23)
C. schimperi Fisch. & C.A.Mey. var. *illecebroides* (Welw. ex Hiern) G.D.Rowley (23)
C. schimperi Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part (23)
Sedum muscosum (L.) Kuntze in part (23)
Tetraphyle lanceolata Eckl. & Zeyh. (23)
Tetraphyle muscosa (L.) Eckl. & Zeyh. in part (23)
Perennial. Herb, succulent. Ht ± 0.1 m. Alt 50–3500 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lanceolata (Eckl. & Zeyh.) Endl. ex Walp. subsp. **transvaalensis** (Kuntze) Tölken
C. schimperi Fisch. & C.A.Mey. forma *transvaalensis* (Kuntze) R.Fern. (23)
C. schimperi Fisch. & C.A.Mey. subsp. *transvaalensis* (Kuntze) R.Fern. (23)
C. schimperi Fisch. & C.A.Mey. var. *schimperi* in part (23)
C. schimperi Fisch. & C.A.Mey. var. *transvaalensis* (Kuntze) R.Fern. (23)
C. selago Dinter (23)
C. subulata in sense of (Hook.f.) Harv., not of L., misapplied name (23)
C. transvaalensis (Kuntze) K.Schum. (23)
Sedum transvaalense Kuntze, as '*transvalense*' (23)
Tillaea subulata (Hook.f.) Britten
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 200–3500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

langebaanensis Schönland = **C. decumbens** var. **decumbens**

lanuginosa Harv. = **C. lanuginosa** var. **lanuginosa**

lanuginosa Harv. var. **lanuginosa**
C. lanuginosa Harv. (23)
C. strigosa in sense of E.Mey. ex Drège, not of L. (23)
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1000–3500 m. L, EC

lanuginosa Harv. var. **pachystemon** (Schönland & Baker f.) Tölken
C. ernestii Schönland & Baker f. (23)
C. pachystemon Schönland & Baker f. (23)
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 50–1800 m. KZN, EC

lasiantha Drège ex Harv.
Perennial. Herb, succulent. Ht ± 0.15 m, prostrate branches up to 0.2 m. Alt 1200–2100 m. WC

latibracteata Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 600–850 m. EC

laticephala Schönland = **C. congesta** subsp. **laticephala**

latispathulata Schönland & Baker f. = **C. spathulata**

laxa Schönland = **C. dependens**

leipoldtii Schönland & Baker f. = **C. decumbens** var. **decumbens**

lettyae E.Phillips = **C. barbata** subsp. **barbata**

levynsiae Adamson = **C. natans** var. **natans**

lignosa Burtt Davy = **C. sarcocaulis** subsp. **sarcocaulis**

limosa Schönland = **C. papillosa**

lineolata Dryand. = **C. pellucida** subsp. **marginalis**

lineolata forma *gracilis* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

lineolata forma *magna* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

lineolata forma *natalensis* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

lineolata in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

lineolata var. *petiolata* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

lineolata var. *pilosa* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala**

linguifolia Haw. = **C. tomentosa** var. **tomentosa**

liquiritiodora Dinter = **C. elegans** subsp. **elegans**

littlewoodii Friedrich = **C. ausensis** subsp. **ausensis**

littoralis (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **muscosa**

loganiana Compton = **C. subaphylla** var. **subaphylla**

longistyla Schönland = **C. obovata** var. **dregeana**

loriformis Schönland & Baker f. = **C. umbella**

lucens Gram = **C. ovata**

lucida Lam. = **C. spathulata**

luederitzii Schönland
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1000–1500 m. N

luederitzii in sense of Friedrich, not of Schönland = **C. capitella** subsp. **thyrsiflora**

lutea (Schönland) Friedrich = **C. namaquensis** subsp. **lutea**

lycopodioides Lam. = **C. muscosa** var. **muscosa**

lycopodioides Lam. var. *obtusifolia* Harv. = **C. muscosa** var. **obtusifolia**

lycopodioides Lam. var. *polypodacea* (Eckl. & Zeyh.) Harv. = **C. muscosa** var. **polpodacea**

lycopodioides Lam. var. *pseudolycopodioides* (Dinter) Walther ex H.Jacobsen = **C. muscosa** var. **muscosa**

macowaniana Schönland & Baker f.
C. macowaniana Schönland & Baker f. var. *crassifolia* Schönland (23)
C. ramosa in sense of Eckl. & Zeyh.; Harv., not of Thunb., misapplied name (23)
Rochea perfoliata (L.) DC. var. *glabberima* E.Mey. ex Drège, naked name (23)
Perennial. Shrub, lithophyte, succulent. Ht 0.15–1.2 m. Alt 500–2200 m. N, NC, WC

macowaniana Schönland & Baker f. var. *crassifolia* Schönland = **C. macowaniana**

macowanii Scott-Elliot = **C. tetragona** subsp. **acutifolia**

macrantha (Hook.f.) Diels & E.Pritz. = **C. decumbens** var. **decumbens**

maputensis R.Fern.
Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 50–100 m. KZN

marchandii Friedrich (insufficiently known) (23)

margaritifera (Eckl. & Zeyh.) Harv. = **C. mollis**

marginalis Dryand. = **C. pellucida** subsp. **marginalis**

marginata Thunb. = **C. pellucida** subsp. **pellucida**

maritima Schönland = **C. expansa** subsp. **filicaulis**

marlothii Schönland = **C. dentata**

marnieriana Huber & H.Jacobsen = **C. rupestris** subsp. **marnieriana**

massonii Britten & Baker f. = **C. alpestris** subsp. **massonii**

massonoides Diels = **C. compacta**

media (Haw.) D.Dietr. = **C. fascicularis**

merxmuelleri Friedrich = **C. sericea** var. **hottentotta**

mesembrianthemopsis Dinter
Perennial. Herb, succulent. Ht ± 0.03 m. Alt 100–1000 m. N, NC

mesembrianthoides Schönland & Baker f. = **C. elegans** subsp. **elegans**

mesembryanthemoides Dinter & A.Berger = **C. elegans** subsp. **namibensis**

mesembryanthoides (Haw.) D.Dietr. = **C. mesembryanthoides** subsp. **mesembryanthoides**

mesembryanthoides (Haw.) D.Dietr. subsp. **hispida** (Haw.) Tölken
C. hispida (Haw.) D.Dietr. (23)
Globulea hispida Haw. (23)
Sphaeritis paucifolia Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1200 m. EC

mesembryanthoides (Haw.) D.Dietr. subsp. **mesembryanthoides**
C. mesembryanthoides (Haw.) D.Dietr. (23)
C. trachysantha (Eckl. & Zeyh.) Harv. (23)
Globulea mesembryanthoides Haw. (23)
Sphaeritis trachysantha Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1500 m. EC

meyeri Harv. = **C. capitella** subsp. **meyeri**

micrantha Schönland = **C. atropurpurea** var. **atropurpurea**

milfordiae Byles = **C. setulosa** var. **rubra**

milleriana Burtt Davy = **C. alba** var. **alba**

minima in sense of Eckl. & Zeyh., not of Thunb. = **C. pellucida** subsp. **pellucida**

minima Thunb. = **C. dentata**

minuta Tölken
Annual. Herb, succulent. Ht 0.01–0.03 m. Alt 1000–2200 m. NC, WC

minutiflora Schönland & Baker f. = **C. thunbergiana** subsp. **minutiflora**

mitrata Friedrich = **C. columnaris** subsp. **columnaris**

mollis Thunb.
C. margaritifera (Eckl. & Zeyh.) Harv. (23)
C. subincana (Haw.) D.Dietr. (23)
Globulea mollis (Thunb.) Haw. ex DC. (23)
Globulea subincana Haw. (23)
Globulea subincana Haw. var. *decumbens* Haw. (23)
Globulea subincana Haw. var. *erecta* Haw. (23)
Sphaeritis margaritifera Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 400–850 m. WC, EC

montana Thunb. = **C. montana** subsp. **montana**

montana Thunb. subsp. **montana**
C. engleri Schönland (23)
C. montana Thunb. (23)
Purgosea montana (Thunb.) G.Don (23)
Perennial. Herb, lithophyte, succulent. Ht ± 0.12 m. Alt 200–2000 m. NC, WC

montana Thunb. subsp. **quadrangularis** (Schönland) Tölken
C. gillii Schönland (23)
C. hemisphaerica in sense of Drège, not of Thunb. (23)
C. quadrangularis Schönland (23)
Perennial. Herb, succulent. Ht ± 0.12 m. Alt 100–1400 m. WC, EC

monticola N.E.Br. = **C. rupestris** subsp. **rupestris**

montis-draconis Dinter = **C. brevifolia** subsp. **brevifolia**

montis-moltkei Dinter = **C. dependens**

mossii Schönland = **C. compacta**

mucronata Keissl. = **C. southii** subsp. **southii**

multicava in sense of J.M.Wood & Evans, not of Lem. = **C. multicava** subsp. **floribunda**

multicava Lem. = **C. multicava** subsp. **multicava**

multicava Lem. subsp. **floribunda** Friedrich ex Tölken
C. multicava in sense of J.M.Wood & Evans, not of Lem. (23)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 1000–1800 m. KZN

multicava Lem. subsp. **multicava**
C. multicava Lem. (23)
C. quadrifida Baker f. (23)
Perennial. Herb, lithophyte, succulent. Ht ± 0.4 m. Alt 50–500 m. KZN, EC

multiceps Harv.
Perennial. Herb, succulent. Ht 0.04–0.06 m. Alt 120–550 m. NC, WC

multiflora Schönland & Baker f. = **C. multiflora** subsp. **multiflora**

multiflora Schönland & Baker f. subsp. **leucantha** (Schönland & Baker f.) Tölken
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 250–300 m. WC

multiflora Schönland & Baker f. subsp. **multiflora**
C. multiflora Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 500–1600 m. WC

muricata Thunb.
C. divaricata Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 500–1700 m. WC

muscosa in sense of Harv., Keissl., not of L., misapplied name = **C. lanceolata** subsp. **lanceolata**

muscosa L. = **C. muscosa** var. **muscosa**

muscosa L. var. **muscosa**
C. anguina Harv. (23)
C. imbricata Burm.f. (23)
C. littoralis (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. lycopodioides Lam. (23)
C. lycopodioides Lam. var. *pseudolycopodioides* (Dinter) Walther ex H.Jacobsen (23)
C. muscosa L. (23)
C. pseudolycopodioides Dinter & Schinz (23)
Lycopodium hieronymii Herter (23)
Sedum lycopodioides (Lam.) Kuntze (23)
Tetraphyle littoralis Eckl. & Zeyh. (23)
Tetraphyle lycopodioides (Lam.) Eckl. & Zeyh. (23)
Tetraphyle muscosa (L.) Eckl. & Zeyh. in part (23)
Perennial. Herb, succulent. Ht 0.1–0.8 m. Alt 50–1800 m. N, NW, FS, NC, WC, EC

muscosa L. var. **obtusifolia** (Harv.) G.D.Rowley
C. lycopodioides Lam. var. *obtusifolia* Harv. (23)
C. muscosa L. var. *rigida* Tölken, illegitimate name. (23)
C. propinqua (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tetraphyle propinqua (Eckl. & Zeyh.) Endl. ex Walp. (23)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 50–1100 m. N, NC, WC

muscosa L. var. **parvula** (Eckl. & Zeyh.) Tölken
C. parvula (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tetraphyle parvula Eckl. & Zeyh. (23)
Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 800–1700 m. NC, WC, EC

muscosa L. var. **polpodacea** (Eckl. & Zeyh.) G.D.Rowley
C. lycopodioides Lam. var. *polypodacea* (Eckl. & Zeyh.) Harv. (23)
C. muscosa L. var. *sinuata* Tölken, illegitimate name. (23)
C. polpodacea (Eckl. & Zeyh.) Endl. ex Walp. (23)
Perennial. Herb, succulent. Ht 0.3–0.8 m. Alt 50–1200 m. EC

muscosa L. var. *rigida* Tölken, illegitimate name = **C. muscosa** var. **obtusifolia**

muscosa L. var. *sinuata* Tölken, illegitimate name. = **C. muscosa** var. **polpodacea**

namaquensis Schönland & Baker f.= **C. namaquensis** subsp. **namaquensis**

namaquensis Schönland & Baker f. subsp. **comptonii** (Hutchison & Pillans) Tölken
C. comptonii Hutchison & Pillans (23)
Perennial. Herb, succulent. Ht ± 0.04 m, up to 0.08 m when in flower. Alt 700–800 m. NC, WC

namaquensis Schönland & Baker f. subsp. **lutea** (Schönland) Tölken
C. lutea (Schönland) Friedrich (23)
C. namaquensis Schönland & Baker f. var. *lutea* Schönland
Perennial. Herb, succulent. Ht ± 0.05 m, up to 0.25 m when in flower. Alt 600–2000 m. WC

namaquensis Schönland & Baker f. subsp. **namaquensis**
C. namaquensis Schönland & Baker f. (23)
C. namaquensis Schönland & Baker f. var. *brevifolia* Schönland (23)
Perennial. Herb, succulent. Ht 0.05–0.08 m, 0.25–0.4 m when in flower. Alt 1500–1800 m. N, NC

namaquensis Schönland & Baker f. var. *brevifolia* Schönland = **C. namaquensis** subsp. **namaquensis**

namaquensis Schönland & Baker f. var. *lutea* Schönland = **C. namaquensis** subsp. **lutea**

namibensis Friedrich = **C. elegans** subsp. **namibensis**

nana Schönland & Baker f. = **C. umbellata**

natalensis Schönland
C. rubescens Schönland & Baker f. (23)
C. rubescens Schönland & Baker f. var. *intermedia* Schönland (23)
C. rubescens Schönland & Baker f. var. *laxa* Schönland (23)
C. sessilifolia Baker f. (23)
Perennial, occ. annual. Herb, lithophyte, succulent. Ht ± 0.4 m. Alt 700–3400 m. M, FS, KZN, L, NC, EC

natalensis Schönland var. *mossii* Schönland = **C. capitella** subsp. **meyeri**

natans Thunb. = **C. natans** var. **natans**

natans Thunb. forma *amphibia* (Harv.) Schönland = **C. natans** var. **natans**

natans Thunb. forma *filiformis* (Eckl. & Zeyh.) Schönland = **C. natans** var. **minus**

natans Thunb. forma *fluitans* (Eckl. & Zeyh.) Schönland = **C. natans** var. **natans**

natans Thunb. forma *obovata* (Eckl. & Zeyh.) Schönland = **C. natans** var. **natans**

natans Thunb. forma *parvifolia* Schönland = **C. natans** var. **natans**

natans Thunb. subsp. *filiformis* (Eckl. & Zeyh.) Friedrich = **C. natans** var. **minus**

natans Thunb. subsp. *natans* = **C. natans** var. **natans**

natans Thunb. var. *filiformis* (Eckl. & Zeyh.) Tölken = **C. natans** var. **minus**

natans Thunb. var. **minus** (Eckl. & Zeyh.) G.D.Rowley
C. natans Thunb. forma *filiformis* (Eckl. & Zeyh.) Schönland (23)
C. natans Thunb. subsp. *filiformis* (Eckl. & Zeyh.) Friedrich (23
C. natans Thunb. var. *filiformis* (Eckl. & Zeyh.) Tölken (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. var. *filiformis* (Eckl. & Zeyh.) Harv. (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. (23)
Tillaea ecklonis Walp. (23)
Annual, occ. perennial. Succulent, hydrophyte. Ht 0.02–0.25 m. Alt 50–100 m. WC

natans Thunb. var. **natans**
Bulliarda capensis (L.f.) E.Mey. ex Drège (23)
C. levynsiae Adamson (23)
C. natans Thunb. (23)
C. natans Thunb. forma *amphibia* (Harv.) Schönland (23)
C. natans Thunb. forma *fluitans* (Eckl. & Zeyh.) Schönland (23)
C. natans Thunb. forma *obovata* (Eckl. & Zeyh.) Schönland (23)
C. natans Thunb. forma *parvifolia* Schönland (23)
C. natans Thunb. subsp. *natans* (23)
Helophytum filiforme Eckl. & Zeyh. (23)
Helophytum filiforme Eckl. & Zeyh. var. *parvulum* Eckl. & Zeyh. (23)
Helophytum fluitans Eckl. & Zeyh. (23)
Helophytum fluitans Eckl. & Zeyh. var. *intermedium* Eckl. & Zeyh. (23)
Helophytum fluitans Eckl. & Zeyh. var. *obovatum* Eckl. & Zeyh. (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. var. *amphibia* Harv. (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. var. *fluitans* (Eckl. & Zeyh.) Harv. (23)
Helophytum natans (Thunb.) Eckl. & Zeyh. var. *obovatum* (Eckl. & Zeyh.) Harv. (23)
Helophytum reflexum Eckl. & Zeyh. (23)
Tillaea capensis L.f. (23)
Tillaea filiformis (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tillaea filiformis (Eckl. & Zeyh.) Endl. ex Walp. var. *parvula* (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tillaea fluitans (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tillaea fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *intermedia* (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tillaea fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *obovata* (Eckl. & Zeyh.) Endl. ex Walp. (23)
Tillaea reflexa (Eckl. & Zeyh.) Endl. ex Walp. (23)
Annual, occ. perennial. Succulent, hydrophyte. Ht 0.02–0.25 m. Alt 50–3400 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

nealeana Higgins = **C. perforata**

neglecta Schult. = **C. cordata**

nemorosa (Eckl. & Zeyh.) Endl. ex Walp.
C. coerulescens Schönland (23)
C. confusa Schönland & Baker f. (23)
C. cordata in sense of Drège, not of Thunb. (23)
C. nivalis (Eckl. & Zeyh.) Endl. & Walp. (23)
Petrogeton nemorosum Eckl. & Zeyh. (23)
Petrogeton nivale Eckl. & Zeyh. (23)
Perennial. Herb, succulent. Ht 0.04–0.15 m. Alt 200–1800 m. N, NC, WC, EC

nitida Schönland = **C. ovata**

nivalis (Eckl. & Zeyh.) Endl. & Walp. = **C. nemorosa**

nodulosa Schönland = **C. capitella** subsp. **nodulosa**

nuda Compton = **C. capitella** subsp. **thyrsiflora**

nudicaulis L. = **C. nudicaulis** var. **nudicaulis**

nudicaulis L. var. *glabra* Schönland = **C. nudicaulis** var. **nudicaulis**

nudicaulis L. var. **herrei** (Friedrich) Tölken
C. herrei Friedrich (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 50–1150 m. NC

nudicaulis L. var. **nudicaulis**
C. canescens (Haw.) Schult. (23)
C. canescens (Haw.) Schult. var. *angustifolia* (Eckl. & Zeyh.) Harv. (23)
C. cephalophora Thunb. (23)
C. cephalophora Thunb. var. *basutica* Schönland (23)
C. cephalophora Thunb. var. *thunbergii* Schönland (23)
C. hirta Thunb. (23)
C. hirta Thunb. var. *dyeri* Schönland (23)
C. nudicaulis L. (23)
C. nudicaulis L. var. *glabra* Schönland (23)
C. obvallata L. (23)
C. platyphylla Harv. (23)
C. platyphylla in sense of Schönland; Jacot Guill., not of Harv., misapplied name (23)
C. sulcata (Haw.) D.Dietr. (23)
Globulea canescens Haw. (23)
Globulea canescens Haw. var. *angustifolia* Eckl. & Zeyh. (23)
Globulea capitata Salm-Dyck ex Haw. (23)
Globulea lingua Haw., naked name (23)
Globulea nudicaulis (L.) Haw. (23)
Globulea obvallata (L.) Haw. (23)
Globulea sulcata Haw. (23)
Purgosea cephalophora (Thunb.) G.Don (23)
Purgosea hirta (Thunb.) G.Don (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 50–3400 m. NW, G, FS, KZN, L, NC, WC, EC

nudicaulis L. var. **platyphylla** (Harv.) Tölken
C. platyphylla Harv. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 400–1800 m. NC, WC, EC

numaisensis Friedrich
Annual. Herb. Ht up to 0.08 m. Alt 900–1200 m. N

oblanceolata Schönland & Baker f.
C. lambertiana Schönland & Baker f. (23)
C. tenuis in sense of Adamson, not of Wolley-Dod, misapplied name (23)
Annual. Herb, succulent. Ht 0.06–0.12 m. Alt? N, NC, WC, EC

obliqua Haw. = **C. atropurpurea** var. **atropurpurea**

obliqua Sol., superfluous name = **C. ovata**

obovata Haw. = **C. obovata** var. **obovata**

obovata Haw. var. **dregeana** (Harv.) Tölken
C. dregeana Harv. (23)
C. longistyla Schönland (23)
C. squamulosa in sense of E.Mey. ex Drège, not of Schltdl. in part (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–300 m. KZN, EC

obovata Haw. var. **obovata**
C. inchangensis Engl. (23)
C. obovata Haw. (23)
C. peglerae Schönland (23)
C. perforata in sense of Drège, not of Thunb. (23)
C. punctata in sense of Haw., not of L. (23)
C. ramuliflora Link & Otto (23)
C. ramuliflora Link & Otto var. *bewsii* Schönland (23)
C. ramuliflora Link & Otto var. *bolusii* Schönland (23)
C. ramuliflora Link & Otto var. *flanaganii* Schönland (23)
C. ramuliflora Link & Otto var. *pulchella* (Harv.) Schönland (23)
C. ramuliflora Link & Otto var. *rattrayi* Schönland (23)
C. ramuliflora Link & Otto var. *simii* Schönland (23)
C. ramuliflora Link & Otto var. *stachyera* (Eckl. & Zeyh.) Schönland (23)
C. ramuliflora Link & Otto var. *typica* Schönland (23)
C. reversisetosa Bitter (23)
C. sediflora (Eckl. & Zeyh.) Endl. & Walp. var. *laxifoliosa* Schönland (23)
C. stachyera Eckl. & Zeyh. (23)
C. stachyera Eckl. & Zeyh. var. *rotundifolia* Harv (23)
Purgosea obovata (Haw.) Haw. (23)
Sedum ramuliflorum (Link & Otto) Kuntze (23)
Sedum ramuliflorum (Link & Otto) Kuntze forma *rubriflorum* Kuntze (23)
Sedum ramuliflorum (Link & Otto) Kuntze var. *oblongifolia* Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–3400 m. KZN, L, EC

obtusa Haw.
C. jasminiana Haw. ex Sims (23)
Dietrichia jasminea (Sims) Eckl. & Zeyh. (23)
Dietrichia jasminea (Sims) Eckl. & Zeyh. var. *uniflora* Eckl. & Zeyh. (23)
Kalosanthes jasminea (Sims) Haw. (23)
Rochea jasminea (Sims) DC. (23)
Rochea microphylla E.Mey. ex Drège, naked name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 400–2000 m. WC, EC

obvallata in sense of Thunb., not of L. = **C. dejecta**

obvallata L. = **C. nudicaulis** var. **nudicaulis**

odoratissima Andrews = **C. fascicularis**

orbicularis L.
C. rosularis Haw. (23)
C. sedoides Mill. (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 50–1800 m. KZN, WC, EC

orbicularis × **C. montana** subsp. **quadrangularis**, putative hybrid

ovata in sense of E.Mey. ex Drège, not of (Mill.) Druce, naked name = **C. sarmentosa** var. **sarmentosa**

ovata (Mill.) Druce
Cotyledon ovata Mill. (23)
C. arborescens in sense of Keissl.; Marloth, not of (Mill.) Willd., misapplied name (23)
C. argentea Thunb. (23)
C. articulata Zuccagni (23)
C. lucens Gram (23)
C. nitida Schönland (23)
C. obliqua Sol., superfluous name (23)
C. portulacea Lam. (23)
Perennial. Shrub, succulent. Ht 1–2.5 m. Alt 50–1800 m. KZN, EC

pachyphylla Schönland = **C. congesta** subsp. **congesta**

pachystemon Schönland & Baker f. = **C. lanuginosa** var. **pachystemon**

pageae Tölken
Pagella archeri Schönland (23)
Annual. Herb, succulent. Ht 0.002–0.004 m. Alt 500–1700 m. NC, WC

pallens Schönland & Baker f.
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 50–500 m. N, NC, WC

pallida Baker = **C. perfoliata** var. **perfoliata**

pallida in sense of J.M.Wood & Evans, not of Baker = **C. perfoliata** var. **heterotricha**

paniculata (Haw.) D.Dietr. = **C. capitella** subsp. **capitella**

papillosa Schönland & Baker f.
C. limosa Schönland (23)
Perennial. Herb, succulent. Ht 0.01–0.05 m. Alt 1500–2400 m. WC, EC

parviflora E.Mey. ex Drège = **C. expansa** subsp. **expansa**

parvipetala Schönland = **C. tenuipedicellata**

parvisepala Schönland = **C. sarcocaulis** subsp. **sarcocaulis**

parvula (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **parvula**

parvula in sense of Schönland; Adamson; Jacot Guill., not of (Eckl. & Zeyh.) Endl. ex Walp. = **C. lanceolata** subsp. **lanceolata**

patens (Eckl. & Zeyh.) Endl. & Walp. = **C. dentata**

patersoniae Schönland = **C. perforata**

pearsonii Schönland = **C. brevifolia** subsp. **brevifolia**

pectinata Conrath = **C. capitella** subsp. **nodulosa**

peculiaris (Tölken) Tölken & Wickens
C. expansa Dryand. subsp. *peculiaris* Tölken (23)
Perennial. Herb, succulent, scrambler. Ht 0.03–0.08 m. Alt 1200–1800 m. WC

peglerae Schönland = **C. obovata** var. **obovata**

pellucida in sense of Thunb., not of L. = **C. strigosa**

pellucida L. = **C. pellucida** subsp. **pellucida**

pellucida L. subsp. **alsinoides** (Hook.f.) Tölken
C. alsinoides Hook.f. (23)
Tillaea alsinoides Hook.f. (23)

Perennial. Herb, succulent, scrambler. Ht 0.01–0.08 m. Alt 50–2000 m. LIM, M, S, KZN, EC

pellucida L. subsp. **brachypetala** (Drège ex Harv.) Tölken
Bulliarda dregei Harv. (23)
C. brachypetala Drège ex Harv. (23)
C. diabolica N.E.Br. (23)
C. dregei (Harv.) Schönland (23)
C. elongata Schönland (23)
C. involucrata Schönland (23)
C. lineolata forma *gracilis* in sense of Schönland, not of Dryand. (23)
C. lineolata forma *magna* in sense of Schönland, not of Dryand. (23)
C. lineolata forma *natalensis* in sense of Schönland, not of Dryand. (23)
C. lineolata in sense of Schönland, not of Dryand. (23)
C. lineolata var. *petiolata* in sense of Schönland, not of Dryand. (23)
C. lineolata var. *pilosa* in sense of Schönland, not of Dryand., naked name (23)
C. prostrata E.Mey. ex Drège, naked name (23)
C. tysonii Schönland (23)
Perennial. Herb, succulent, scrambler. Ht 0.05–0.15 m. Alt 50–3000 m. LIM, M, S, FS, KZN, L, EC

pellucida L. subsp. **marginalis** (Dryand. in Aiton) Tölken
C. centauroides in sense of Thunb., not of L., misapplied name (23)
C. centauroides L. var. *marginalis* (Dryand.) Harv. (23)
C. lineolata Dryand. (23)
C. marginalis Dryand. (23)
C. profusa Hook.f. (23)
Perennial. Herb, succulent, scrambler. Ht 0.05–0.25 m. Alt 20–1800 m. WC, EC

pellucida L. subsp. **pellucida**
C. centauroides in sense of Aiton; Sims; Eckl. & Zeyh.; Drège; Harv., not of L., misapplied name (23)
C. dichotoma in sense of L.f., not of L. (23)
C. marginata Thunb. (23)
C. minima in sense of Eckl. & Zeyh., not of Thunb. (23)
C. pellucida L. (23)
Perennial. Herb, succulent, scrambler. Ht 0.05–0.25 m. Alt 50–1200 m. WC, EC

pellucida L. subsp. **spongiosa** Tölken
Annual. Herb, succulent, scrambler. Ht 0.05–0.15 m. Alt 800–1600 m. NC

pentandra Royle ex Edgew. var. *denticulata* Brenan = **C. lanceolata** subsp. **denticulata**

peploides Harv.
C. galpinii Schönland (23)
Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 1200–3000 m. M, FS, KZN, L

peploides in sense of Schönland, not of Harv. = **C. expansa** subsp. **expansa**

perfilata Scop. = **C. perforata**

perfoliata in sense of Burtt Davy, not of L. = **C. perfoliata** var. **heterotricha**

perfoliata in sense of Thunb., not of L. = **C. perfoliata** var. **coccinea**

perfoliata L. = **C. perfoliata** var. **perfoliata**

perfoliata L. var. *albiflora* Harv. = **C. perfoliata** var. **perfoliata**

perfoliata L. var. **coccinea** (Sweet) G.D.Rowley
C. johannis-winkleri Linding. (23)
C. perfoliata in sense of Thunb., not of L. (23)
C. perfoliata L. var. *miniata* Tölken, illegitimate name. (23)
C. perfoliata of many authors, not of L., misapplied name (23)
Rochea perfoliata (L.) DC. in part as to specimen var. *a* (23)
Rochea perfoliata (L.) DC. var. *coccinea* Sweet (23)
Perennial. Dwarf shrub, succulent. Ht 0.6–1.5 m. Alt 50–200 m. EC

perfoliata L. var. *falcata* (J.C.Wendl.) Tölken = **C. perfoliata** var. **minor**

perfoliata L. var. **heterotricha** (Schinz) Tölken
C. heterotricha Schinz (23)
C. pallida in sense of J.M.Wood & Evans, not of Baker (23)
C. perfoliata in sense of Burtt Davy, not of L. (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 800–2000 m. M, S, KZN, EC

perfoliata L. var. *miniata* Tölken, illegitimate name = **C. perfoliata** var. **coccinea**

perfoliata L. var. **minor** (Haw.) G.D.Rowley
C. falcata J.C.Wendl. (23)
C. falx Linding. (23)
C. perfoliata L. var. *falcata* (J.C.Wendl.) Tölken (23)
C. retroflexa in sense of Meerb., not of Thunb.(23)
Larochea falcata (J.C.Wendl.) Pers. (23)
Larochea falcata (J.C.Wendl.) Pers. var. *minor* Haw. (23)
Rochea falcata (J.C.Wendl.) DC. (23)
Rochea falcata (J.C.Wendl.) DC. var. *minor* (Haw.) DC. (23)
Perennial. Dwarf shrub, lithophyte, succulent. Ht 0.15–0.5 m. Alt 50–1400 m. EC

perfoliata L. var. **perfoliata**
C. pallida Baker (23)
C. perfoliata L. (23)
C. perfoliata L. var. *albiflora* Harv. (23)
Larochea perfoliata (L.) Haw. (23)
Larochea perfoliata (L.) Haw. var. *alba* Haw. (23)
Rochea falcata (J.C.Wendl.) DC. var. *acuminata* Eckl. & Zeyh (23)
Rochea perfoliata (L.) DC. in part (23)
Rochea perfoliata (L.) Haw. var. *alba* (Haw.) Sweet (23)
Perennial. Shrub, succulent. Ht 0.6–1.3 m. Alt 50–1400 m. EC

perfoliata of many authors., not of L., misapplied name = **C. perfoliata** var. **coccinea**

perforata in sense of Drège, not of Thunb. = **C. obovata** var. **obovata**

perforata Thunb.
C. anthurus E.Mey. ex Drège, naked name (23)
C. conjuncta N.E.Br. (23)
C. nealeana Higgins (23)
C. patersoniae Schönland (23)
C. perfilata Scop. (23)
C. perfossa Lam. (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.25 m. Alt 50–2200 m. KZN, WC, EC

perfossa in sense of Drège, not of Lam. = **C. cordata**

perfossa in sense of Eckl. & Zeyh; Harv.; Marloth, not of Lam., misapplied name = **C. rupestris** subsp. **rupestris**

perfossa Lam. = **C. perforata**

petraea Schönland = **C. exilis** subsp. **exilis**

petrogeton Endl. ex Walp. = **C. dentata**

pharnaceoides Fisch. & C.A.Mey. subsp. *rhodesica* Merxm. = **C. rhodesica**

pharnaceoides in sense of Friedrich, not of Fisch. & C.A.Mey = **C. rhodesica**

picturata in sense of Boom, not of Friedrich, = **C. exilis** subsp. **cooperi**

picturata in sense of Friedrich, not of Boom, misapplied name = **C. exilis** subsp. **sedifolia**

planifolia Schönland
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.3 m. Alt 300–1000 m. EC

platyphylla Harv. = **C. nudicaulis** var. **platyphylla**

platyphylla in sense of Schönland; Jacot Guill.; not of Harv., misapplied name = **C. nudicaulis** var. **nudicaulis**

plegmatoides Friedrich
C. arta in sense of H.Jacobsen; Friedrich; Higgins, not of Schönland (23)
C. deltoidea in sense of Schönland & Baker f., not of Thunb. (23)
C. pseudocolumnaris Dinter, naked name (23)
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 100–300 m. N, NC

polpodacea (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **polpodacea**

portulacaria L. = **Portulacaria afra**

portulacea Lam. = **C. ovata**

profusa Hook.f. = **C. pellucida** subsp. **marginalis**

promontorii Schönland & Baker f. = **C. capensis** var. **promontorii**

propinqua (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **obtusifolia**

prostrata E.Mey. ex Drège = **C. pellucida** subsp. **brachypetala**

prostratum Thunb. = **C. expansa** subsp. **expansa**

pruinosa in sense of Harv.; Schönland, not of L., misapplied name = **C. pustulata**

pruinosa L.
C. scabrella Haw. (23)
C. scabrella in sense of Eckl. & Zeyh.; Harv., not of Haw., misapplied name (23)
C. squamulosa Schltdl. (23)
Dasystemon calycina DC. in part (23)
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.2 m. Alt 600–1300 m. WC

pruinosa × **C. scabra**, putative hybrid (23)

pseudocolumnaris Dinter, naked name = **C. plegmatoides**

pseudohemisphaerica Friedrich
Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–200 m. N, NC

pseudolycopodioides Dinter & Schinz = **C. muscosa** var. **muscosa**

pubescens (Eckl. & Zeyh.) Walp., illegitimate name = **C. strigosa**

pubescens Thunb. = **C. pubescens** subsp. **pubescens**

pubescens Thunb. subsp. **pubescens**
C. biconvexa (Eckl. & Zeyh.) Harv. (23)
C. dewinteri Friedrich in part (23)
C. fergusoniae Schönland (23)
C. fergusoniae Schönland forma *major* Schönland (23)
C. fragilis Schönland (23)
C. pubescens Thunb. (23)
C. radicans (Haw.) D.Dietr. var. *fastigiata* Schönland (23)
C. radicans (Haw.) D.Dietr. var. *phillipsii* Schönland (23)
Sphaeritis biconvexa Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–2000 m. WC, EC

pubescens Thunb. subsp. **radicans** (Haw.) Tölken
C. radicans (Haw.) D.Dietr. (23)
C. radicans (Haw.) D.Dietr. var. *typica* Schönland (23)
Globulea radicans Haw. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–550 m. EC

pubescens Thunb. subsp. **rattrayi** (Schönland & Baker f.) Tölken
C. rattrayi Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 800–1500 m. EC

pulchella Dryand. (insufficiently known) (23)

punctata in sense of Haw., not of L.= **C. obovata** var. **obovata**

punctata in sense of Mill., not of L. = **C. rupestris** subsp. **rupestris**

punctata L. (insufficiently known) (23)

punctulata Schönland & Baker f. = **C. biplanata**

purcellii Schönland = **C. atropurpurea** var. **purcellii**

pusilla Schönland = **C. bergioides**

pustulata Tölken
C. pruinosa in sense of Harv.; Schönland, not of L., misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 300–1100 m. NC, WC

pustulata × **C. dejecta**, putative hybrid

pustulata × **C. fallax**, putative hybrid (23)

pustulata × **C. scabra**, putative hybrid (23)

pyramidalis Thunb.
C. archeri Compton (23)
C. cylindrica Schönland (23)
C. pyramidalis Thunb. var. *ramosa* Schönland (23)
C. quadrangula (Eckl. & Zeyh.) Endl. & Walp. (23)
Purgosea pyramidalis (Thunb.) G.Don (23)
Tetraphyle pyramidalis (Thunb.) Eckl. & Zeyh. (23)
Tetraphyle quadrangula Eckl. & Zeyh. (23)
Perennial. Herb, succulent. Ht 0.03–0.25 m. Alt 500–1800 m. NC, WC, EC

pyramidalis Thunb. var. *ramosa* Schönland = **C. pyramidalis**

pyrifolia Compton = **C. expansa** subsp. **pyrifolia**

qoatlhambensis Hargr.
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 1800–3400 m. L

quadrangula (Eckl. & Zeyh.) Endl. & Walp. = **C. pyramidalis**

quadrangularis Schönland = **C. montana** subsp. **quadrangularis**

quadrifida Baker f. = **C. multicava** subsp. **multicava**

radicans (Haw.) D.Dietr. = **C. pubescens** subsp. **radicans**

radicans (Haw.) D.Dietr. var. *fastigiata* Schönland = **C. pubescens** subsp. **pubescens**

radicans (Haw.) D.Dietr. var. *phillipsii* Schönland = **C. pubescens** subsp. **pubescens**

radicans (Haw.) D.Dietr. var. *typica* Schönland = **C. pubescens** subsp. **radicans**

ramosa in sense of Eckl. & Zeyh.; Harv., not of Thunb., misapplied name = **C. macowaniana**

ramosa Thunb. = **C. subulata** var. **subulata**

ramuliflora Link & Otto = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *bewsii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *bolusii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *flanaganii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *pulchella* (Harv.) Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *rattrayi* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *simii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *stachyera* (Eckl. & Zeyh.) Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *transvaalensis* Schönland = **C. setulosa** var. **setulosa**

ramuliflora Link & Otto var. *typica* Schönland = **C. obovata** var. **obovata**

rattrayi Schönland & Baker f. = **C. pubescens** subsp. **rattrayi**

rauhii Friedrich = **C. subacaulis** subsp. **erosula**

recurva N.E.Br. = **C. alba** var. **alba**

rehmannii Baker f. = **C. cotyledonis**

remota Schönland = **C. subaphylla** var. **subaphylla**

retroflexa in sense of Meerb., not of Thunb. = **C. perfoliata** var. **minor**

retroflexa Thunb. = **C. dichotoma**

retrorsa Hutchison = **C. vaginata** subsp. **vaginata**

reversisetosa Bitter = **C. obovata** var. **obovata**

revolvens Haw. (insufficiently known). (23)

rhodesica (Merxm.) Wickens & M.Bywater
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *pharnaceoides* (Fisch. & C.A.Mey.) Tölken (23)
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *rhodesica* (Merxm.) R.Fern. (23)
C. pharnaceoides Fisch. & C.A.Mey. subsp. *rhodesica* Merxm. (23)
C. pharnaceoides in sense of Friedrich, not of Fisch. & C.A.Mey. (23)
Annual. Herb, succulent. Ht ± 0.05–0.15 m. Alt 1400–2000 m. N

rhodogyna Friedrich = **C. capitella** subsp. **thyrsiflora**

rhomboidea N.E.Br. = **C. deltoidea**

robusta Tölken = **C. tetragona** subsp. **robusta**

rogersii Schönland
Sedum canescens (Schult.) Kuntze var. *caulescens* Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–800 m. EC

roggeveldii Schönland
Annual. Herb, succulent, scrambler. Ht ± 0.01–0.04 m. Alt 1400–1800 m. NC

rosularis Haw. = **C. orbicularis**

rotundifolia Haw. = **Kalanchoe rotundifolia**

rubella Compton = **C. atropurpurea** var. **muirii**

rubescens Schönland & Baker = **C. natalensis**

rubescens Schönland & Baker f. var. *intermedia* Schönland = **C. natalensis**

rubescens Schönland & Baker f. var. *laxa* Schönland = **C. natalensis**

rubicunda Drège ex Harv. = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *flexuosa* Schönland = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *hispida* Schönland = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *lydenburgensis* Schönland = **C. alba** var. **parvisepala**

rubicunda Drège ex Harv. var. *milleriana* (Burtt Davy) Schönland = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *parvisepala* (Schönland) Schönland = **C. alba** var. **parvisepala**

rubicunda Drège ex Harv. var. *rubicunda* R.A.Dyer = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *similis* (Baker f.) Schönland = **C. alba** var. **parvisepala**

rubicunda Drège ex Harv. var. *subglabra* Schönland = **C. alba** var. **alba**

rubicunda Drège ex Harv. var. *typica* Schönland = **C. alba** var. **alba**

rubricaulis Eckl. & Zeyh.
C. rubricaulis Eckl. & Zeyh. var. *muirii* Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–750 m. WC, EC

rubricaulis Eckl. & Zeyh. var. *muirii* Schönland = **C. rubricaulis**

rudis Schönland & Baker f. = **C. tetragona** subsp. **rudis**

rudolfii Schönland & Baker f.
Perennial. Dwarf shrub, succulent, scrambler. Ht up to 0.8 m. Alt 500–1300 m. NC

rufo-punctata Schönland = **C. capitella** subsp. **capitella**

rupestris Thunb. = **C. rupestris** subsp. **rupestris**

rupestris Thunb. subsp. **commutata** (Friedrich) Tölken
C brevifolia in sense of Higgins; Friedrich, not of Harv. (23)
C. commutata Friedrich (23)
Perennial. Dwarf shrub, succulent. Ht up to 0.5 m. Alt 100–1100 m. N, NC

rupestris Thunb. subsp. **marnieriana** (H.E.Huber & H.Jacobsen) Tölken
C. marnieriana H.E.Huber & H.Jacobsen (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 800–2200 m. WC

rupestris Thunb. subsp. **rupestris**
C. monticola N.E.Br. (23)
C. perfossa in sense of Eckl. & Zeyh.; Harv.; Marloth, not of Lam., misapplied name (23)
C. punctata in sense of Mill., not of L. (23)
C. rupestris Thunb. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 50–1800 m. WC, EC

rustii Schönland = **C. subulata** var. **subulata**

sarcocaulis Eckl. & Zeyh. = **C. sarcocaulis** subsp. **sarcocaulis**

sarcocaulis Eckl. & Zeyh. subsp. **rupicola** Tölken
C. fruticulosa in sense of Keissl., not of L. (23)
C. sarcocaulis in sense of Schönland; Brenan; Jacot Guill., not of Eckl. & Zeyh. (23)
Sedum caffrum Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 1400–3400 m. M, FS, KZN, L, EC

sarcocaulis Eckl. & Zeyh. subsp. **sarcocaulis**
C. lignosa Burtt Davy (23)
C. parvisepala Schönland (23)
C. sarcocaulis Eckl. & Zeyh. (23)
C. sarcocaulis Eckl. & Zeyh. var. *scaberula* Harv. (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 200–2200 m. LIM, M, S, FS, KZN, L, EC

sarcocaulis Eckl. & Zeyh. var. *scaberula* Harv. = **C. sarcocaulis** subsp. **sarcocaulis**

sarcocaulis in sense of Schönland; Brenan; Jacot Guill., not of Eckl. & Zeyh. = **C. sarcocaulis** subsp. **rupicola**

sarcolipes Harv. = **C. strigosa**

sarmentosa Harv. = **C. sarmentosa** var. **sarmentosa**

sarmentosa Harv. var. **integrifolia** Tölken
Perennial. Herb, succulent, scrambler. Ht 0.4–0.8 m. Alt 20–400 m. KZN

sarmentosa Harv. var. **sarmentosa**
C. ovata in sense of E.Mey. ex Drège, not of (Mill.) Druce, naked name (23)
C. sarmentosa Harv. (23)
Perennial. Herb, succulent, scrambler. Ht 0.4–0.8 m. Alt 20–400 m. KZN, EC

saxifraga Harv.
Septas globifera in sense of Eckl. & Zeyh., not of Sims (23)
Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 50–1200 m. NC, WC, EC

saxifraga in sense of Hook., not of Harv. = **C. capensis** var. **capensis**

scabra in sense of Mill., not of L., putative hybrid of **C. pruinosa** × **C. scabra** (23)

scabra L.
C. squamulosa in sense of DC.; Harv., not of Schltdl., misapplied name (23)
Globulea mesembryanthemoides in sense of Drège, not of Haw. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–500 m. WC

scabra L. var. *intermedia* Schönland, putative hybrid of **C. pruinosa** × **C. scabra** (23)

scabrella Haw. = **C. pruinosa**

scabrella in sense of Eckl. & Zeyh.; Harv., not of Haw., misapplied name = **C. pruinosa**

scalaris Schönland & Baker f. = **C. tomentosa** var. **glabrifolia**

scheppigiana Diels = **C. setulosa** var. **setulosa**

schimperi Fisch. & C.A.Mey. forma *filamentosa* (Schönland) R.Fern. = **C. lanceolata** subsp. **lanceolata**

schimperi Fisch. & C.A.Mey. forma *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**

schimperi Fisch. & C.A.Mey. subsp. *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**

schimperi Fisch. & C.A.Mey. var. *denticulata* (Brenan) R.Fern. = **C. lanceolata** subsp. **denticulata**

schimperi Fisch. & C.A.Mey. var. *illecebroides* (Welw. ex Hiern) G.D.Rowley = **C. lanceolata** subsp. **lanceolata**

schimperi Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part = **C. lanceolata** subsp. **lanceolata**

schimperi Fisch. & C.A.Mey. var. *schimperi* in part. = **C. lanceolata** subsp. **transvaalensis**

schimperi Fisch. & C.A.Mey. var. *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**

schlechteri Schönland = putative hybrid of **C. setulosa** var. **rubra** × **C. setulosa** var. **setulosa** (23)

schmidtii Regel (insufficiently known) (23)

schoenlandii H.Jacobsen = **C. elegans** subsp. **elegans**

scleranthoides Burm.f. = **C. glomerata**

sebaeoides (Eckl. & Zeyh.) Tölken
Dinacria sebaeoides (Eckl. & Zeyh.) Schönland (23)
Grammanthes flava E.Mey. ex Drège (23)
Grammanthes gentianoides (Lam.) DC. var. *media* Harv. (23)
Grammanthes gentianoides (Lam.) DC. var. *sebaeoides* (Eckl. & Zeyh.) Harv. (23)
Grammanthes sebaeoides Eckl. & Zeyh. (23)
Annual. Herb, succulent. Ht ± 0.08 m. Alt 400–1800 m. NC, WC, EC

sediflora (Eckl. & Zeyh.) Endl. & Walp. = **C. sediflora** var. **sediflora**

sediflora (Eckl. & Zeyh.) Endl. & Walp. var. **amatolica** (Schönland) Tölken
C. amatolica Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 1400–1850 m. EC

sediflora (Eckl. & Zeyh.) Endl. & Walp. var. *laxifoliosa* Schönland = **C. obovata** var. **obovata**

sediflora (Eckl. & Zeyh.) Endl. & Walp. var. **sediflora**
C. sediflora (Eckl. & Zeyh.) Endl. & Walp. (23)
C. tenuifolia Schönland (23)
Purgosea sediflora Eckl. & Zeyh., as '*Pyrgosea*' (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 350–950 m. KZN, L, EC

sedifolia N.E.Br. = **C. exilis** subsp. **sedifolia**

sedoides Mill. = **C. orbicularis**

selago Dinter = **C. lanceolata** subsp. **transvaalensis**

semiorbicularis Eckl. & Zeyh. = **C. columnaris** subsp. **prolifera**

septas Thunb. = **C. capensis** var. **capensis**

septas Thunb. var. *leipoldtii* Schönland = **C. capensis** var. **capensis**

sericea in sense of Schönland (1912), not of Schönland (1910) = **C. atropurpurea** var. **watermeyeri**

sericea Schönland = **C. sericea** var. **sericea**

sericea Schönland var. **hottentotta** (Marloth & Schönland) Tölken
C. hottentotta Marloth & Schönland (23)
C. merxmuelleri Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 50–1000 m. N, NC

sericea Schönland var. **sericea**
C. argyrophylla Diels ex Schönland & Baker f. var. *ramosa* in sense of Herre; H.Jacobsen, not of Schönland (23)
C. dewinteri Friedrich in part (23)
C. hallii Adcock, illegitimate name (23)
C. klinghardtensis Schönland (23)
C. sericea Schönland (23)
C. suavis Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 100–2200 m. N, NC

sericea Schönland var. **velutina** (Friedrich) Tölken
C. velutina Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 800–2000 m. N, NC

serpentaria Schönland (insufficiently known) (23)

sessilicymula Mogg = **C. capitella** subsp. **sessilicymula**

sessilifolia Baker f. = **C. natalensis**

setigera (Eckl. & Zeyh.) Schönland = **C. tomentosa** var. **tomentosa**

setulosa Harv. = **C. setulosa** var. **setulosa**

setulosa Harv. var. *basutica* Schönland = **C. setulosa** var. **setulosa**

setulosa Harv. var. *curta* (N.E.Br.) Schönland = **C. setulosa** var. **rubra**

setulosa Harv. var. **deminuta** (Diels) Tölken
C. deminuta Diels (23)
Perennial. Herb, succulent. Ht ± 0.2 m when in flower. Alt 1200–2200 m. M

setulosa Harv. var. **jenkinsii** Schönland
Perennial. Herb, lithophyte, succulent. Ht ± 0.2 m when in flower. Alt 1000–1800 m. LIM, NW, G

setulosa Harv. var. *lanceolata* Schönland = **C. setulosa** var. **setulosa**

setulosa Harv. var. **longiciliata** Tölken
Perennial. Herb, succulent. Ht ± 0.15 m when in flower. Alt 1000–3400 m. M, KZN, L

setulosa Harv. var. *ovata* Schönland = **C. setulosa** var. **setulosa**

setulosa Harv. var. **rubra** (N.E.Br.) G.D.Rowley
C. barklyana Schönland (23)
C. curta N.E.Br. (23)
C. curta N.E.Br. var. *rubra* N.E.Br. (23)
C. exilis in sense of Keissl., not of Harv. (23)
C. milfordiae Byles (23)
C. setulosa Harv. var. *curta* (N.E.Br.) Schönland (23)
Sedum dregeanum (Harv.) Kuntze var. *erectum* Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.25 m when in flower. Alt 500–3400 m. LIM, M, FS, KZN, L

setulosa Harv. var. *ramosa* Schönland = **C. setulosa** var. **setulosa**

setulosa Harv. var. *robusta* Schönland = **C. setulosa** var. **setulosa**

setulosa Harv. var. **setulosa**
C. bloubergensis R.A.Dyer (23)
C. ramuliflora Link & Otto var. *transvaalensis* Schönland (23)
C. scheppigiana Diels (23)
C. setulosa Harv. (23)
C. setulosa Harv. var. *basutica* Schönland (23)
C. setulosa Harv. var. *lanceolata* Schönland (23)
C. setulosa Harv. var. *ovata* Schönland (23)
C. setulosa Harv. var. *ramosa* Schönland (23)
C. setulosa Harv. var. *robusta* Schönland (23)
C. stachyera Eckl. & Zeyh. var. *pulchella* Harv. (23)
Sedum dregeanum (Harv.) Kuntze var. *adscendens* Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.25 m when in flower. Alt 200–3400 m. LIM, NW, G, M, S, FS, KZN, L, EC

setulosa var. **rubra** × **C. setulosa** var. **setulosa**, putative hybrid (23)

setulosa var. **setulosa** × **C. natalensis**, putative hybrid (23)

setulosa var. **setulosa** × **C. setulosa** var. **jenkinsii**, putative hybrid (23)

similis Baker f. = **C. alba** var. **parvisepala**

simulans Schönland
Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 200–1000 m. WC

sladenii Schönland
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 500–1100 m. N, NC

smutsii Schönland = **C. atropurpurea** var. **atropurpurea**

socialis Schönland
Perennial. Herb, lithophyte, succulent. Ht ± 0.06 m. Alt 800–1200 m. EC

southii Schönland = **C. southii** subsp. **southii**

southii Schönland subsp. **southii**
C. mucronata Keissl. (23)
C. southii Schönland (23)
Annual, occ. perennial. Herb, succulent, scrambler. Ht ± 0.25 m. Alt 100–600 m. EC

southii Schönland subsp. **sphaerocephala** Tölken
Annual, occ. perennial. Herb, succulent. Ht ± 0.15 m. Alt 200–1200 m. KZN, EC

sparsa Dryand., excluded species (23)

spathulata Thunb.
C. cordata in sense of Lodd., not of Thunb. (23)
C. cyclophylla Schönland & Baker f. (23)
C. latispathulata Schönland & Baker f. (23)
C. lucida Lam. (23)
Perennial. Herb, succulent. Ht ± 0.2–0.4 m. Alt 50–600 m. KZN, WC, EC

spectabilis Schönland = **C. vaginata** subsp. **vaginata**

sphaeritis Harv. = **C. subulata** var. **subulata**

spicata Thunb. = **C. capitella** subsp. **capitella**

squamulosa in sense of DC.; Harv., not of Schltdl., misapplied name = **C. scabra**

squamulosa in sense of E.Mey. ex Drège, not of Schltdl. in part = **C. obovata** var. **dregeana**

squamulosa in sense of Keissl., not of Schltdl. = **C. alba** var. **alba**

squamulosa Schltdl. = **C. pruinosa**

stachyera Eckl. & Zeyh. = **C. obovata** var. **obovata**

stachyera Eckl. & Zeyh. var. *pulchella* Harv. = **C. setulosa** var. **setulosa**

stachyera Eckl. & Zeyh. var. *rotundifolia* Harv. = **C. obovata** var. **obovata**

stewartiae Burtt Davy = **C. alba** var. **alba**

streyi Tölken
Perennial. Herb, succulent. Ht ± 0.2–0.4 m. Alt 50–250 m. KZN

strigosa in sense of E.Mey. ex Drège, not of L. = **C lanuginosa** var. **lanuginosa**

strigosa L.
C. centauroides L. (23)
C. diaphana Drège ex Harv. (23)
C. pellucida in sense of Thunb., not of L. (23)
C. pubescens (Eckl. & Zeyh.) Walp., illegitimate name (23)
C. sarcolipes Harv. (23)
C. sylvatica Licht. ex Schult., as '*silvatica*' (23)
Sarcolipes pubescens Eckl. & Zeyh. (23)
Annual. Herb, succulent. Ht ± 0.17 m. Alt 50–1100 m. NC, WC

suavis Friedrich = **C. sericea** var. **sericea**

subacaulis Schönland & Baker f. = **C. subacaulis** subsp. **subacaulis**

subacaulis Schönland & Baker f. subsp. **erosula** (N.E.Br.) Tölken
C. erosula N.E.Br., in part (23)
C. inamoena N.E.Br. (23)
C. rauhii Friedrich (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.3 m. Alt 400–1400 m. N, NC, WC

subacaulis Schönland & Baker f. subsp. **subacaulis**

C. subacaulis Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.6 m. Alt 400–900 m. NC

subaphylla (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**

subaphylla (Eckl. & Zeyh.) Harv. var. *puberula* (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**

subaphylla (Eckl. & Zeyh.) Harv. var. **subaphylla**
C. cogmansensis (Kuntze) K.Schum. (23)
C. incana (Eckl. & Zeyh.) Harv. (23)
C. loganiana Compton (23)
C. remota Schönland (23)
C. subaphylla (Eckl. & Zeyh.) Harv. (23)
C. subaphylla (Eckl. & Zeyh.) Harv. var. *puberula* (Eckl. & Zeyh.) Harv. (23)
Sedum cogmansense Kuntze (23)
Sphaeritis incana Eckl. & Zeyh. (23)
Sphaeritis puberula Eckl. & Zeyh. (23)
Sphaeritis subaphylla Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt ± 400–2450 m. N, FS, NC, WC, EC

subaphylla (Eckl. & Zeyh.) Harv. var. **virgata** (Harv.) Tölken
C. virgata Harv. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 50–1100 m. NC, WC

subbifaria Schönland = **C. capitella** subsp. **capitella**

subincana (Haw.) D.Dietr. = **C. mollis**

subsessilis W.F.Barker = **C. tetragona** subsp. **connivens**

subulata in sense of Eckl. & Zeyh., not of L. = **C. cymosa**

subulata in sense of (Hook.f.) Harv., not of L., misapplied name = **C. lanceolata** subsp. **transvaalensis**

subulata in sense of P.J.Bergius; Thunb., not of L., misapplied name = **C. fascicularis**

subulata L. = **C. subulata** var. **subulata**

subulata L. var. **fastigiata** (Schönland) Tölken
C. fastigiata Schönland (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 20–100 m. WC

subulata L. var. **hispida** Tölken
C. hispida in sense of Schönland & Baker f., not of (Haw.) D.Dietr., misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 500–600 m. WC

subulata L. var. **subulata**
C. capitata Lam. (23)
C. ramosa Thunb. (23)
C. rustii Schönland (23)
C. sphaeritis Harv. (23)
C. subulata L. (23)
Sphaeritis muricata (Thunb.) Eckl. & Zeyh. (23)
Sphaeritis typica Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 50–2000 m. WC, EC

sulcata (Haw.) D.Dietr. = **C. nudicaulis** var. **nudicaulis**

susannae Rauh & Friedrich
Perennial. Herb, succulent. Ht 0.002–0.008 m. Alt 100–300 m. NC

swaziensis Schönland
C. argyrophylla Diels ex Schönland & Baker f. (25)
C. argyrophylla Diels ex Schönland & Baker f. var. *ramosa* Schönland (23)
C. argyrophylla Diels ex Schönland & Baker f. var. *swaziensis* (Schönland) Schönland (25)
C. globularioides Britten subsp. *argyrophylla* (Schönland & Baker f.) Tölken (23)
C. swaziensis Schönland forma *argyrophylla* (Diels ex Schönland & Baker f.) R.Fern. (23)
C. swaziensis Schönland subsp. *swaziensis* var. *swaziensis* forma *swaziensis*
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 400–2000 m. LIM, NW, G, M, S, FS, KZN

swaziensis Schönland forma *argyrophylla* (Diels ex Schönland & Baker f.) R.Fern. = **C. swaziensis**

swaziensis Schönland subsp. *swaziensis* var. *swaziensis* forma *swaziensis* = **C. swaziensis**

sylvatica Licht. ex Schult., as '*silvatica*' = **C. strigosa**

tabularis Dinter
Perennial, occ. annual. Herb, succulent. Ht ± 0.3 m. Alt 1200–2000 m. N, NW, FS, NC

tayloriae Schönland = **C. cotyledonis**

tecta Thunb.
C. decipiens N.E.Br. (23)
Purgosea tecta (Thunb.) G.Don (23)
Perennial. Herb, succulent. Ht ± 0.03–0.05 m, ± 0.01 m when in flower. Alt 500–1400 m. WC, EC

telephioides Haw. = **C. crenulata**

tenuicaulis Schönland
Perennial. Herb, succulent, scrambler. Ht ± 0.02–0.05 m. Alt 1600–3400 m. FS, KZN, L

tenuifolia Schönland = **C. sediflora** var. **sediflora**

tenuipedicellata Schönland & Baker f.
C. parvipetala Schönland (23)
Annual. Herb, succulent. Ht ± 0.01 m. Alt 1200–2000 m. N, NC

tenuis in sense of Adamson, not of Wolley-Dod, misapplied name = **C. oblanceolata**

tenuis Wolley-Dod = **C. umbellata**

teres Marloth = **C. barklyi**

tetragona in sense of Harv.; of many authors, not of L., misapplied name = **C. tetragona** subsp. **robusta**

tetragona in sense of Thunb., not of L. = **C. tetragona** subsp. **robusta**

tetragona L. = **C. tetragona** subsp. **tetragona**

tetragona L. subsp. **acutifolia** (Lam.) Tölken
C. acutifolia Lam. (23)
C. acutifolia Lam. var. *radicans* Harv. (23)
C. acutifolia Lam. var. *typica* Schönland (23)
C. bibracteata Haw. (23)
C. macowanii Scott-Elliot (23)
Sedum radicans (Harv.) Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 200–1600 m. WC, EC

tetragona L. subsp. **connivens** (Schönland) Tölken
C. connivens Schönland (23)
C. subsessilis W.F.Barker (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 1200–2300 m. WC, EC

tetragona L. subsp. **lignescens** Tölken
C. acutifolia in sense of Eckl. & Zeyh., Harv., in part (23)
C. acutifolia Lam. var. *harveyi* Schönland (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.8 m. Alt 800–1100 m. NC, WC, EC

tetragona L. subsp. **robusta** (Tölken) Tölken

C. robusta Tölken (23)
C. tetragona in sense of Harv.; of many authors, not of L., misapplied name (23)
C. tetragona in sense of Thunb., not of L. (23)
Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 50–300 m. EC

tetragona L. subsp. **rudis** (Schönland & Baker f.) Tölken
C. rudis Schönland & Baker f. (23)
Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.25 m. Alt 600–1800 m. NC, WC

tetragona L. subsp. **tetragona**
C. acutifolia Lam. var. *densifolia* (Harv.) Schönland (23)
C. bibracteata in sense of Eckl. & Zeyh., not of Haw. (23)
C. biplanata in sense of Eckl. & Zeyh., not of Haw. (23)
C. densifolia Harv. (23)
C. tetragona L. (23)
Sedum tetragonum (L.) Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 1100–1900 m. NC, WC, EC

thorncroftii Burtt Davy = **C. expansa** subsp. **fragilis**

thunbergiana Schult. = **C. thunbergiana** subsp. **thunbergiana**

thunbergiana Schult. subsp. **minutiflora** (Schönland & Baker f.) Tölken
C. minutiflora Schönland & Baker f. (23)
Annual. Herb, succulent. Ht ± 0.05–0.08 m. Alt 1100–1500 m. N, NC

thunbergiana Schult. subsp. **thunbergiana**
C. debilis Thunb. (23)
C. decumbens (Willd.) Harv., not of Thunb., illegitimate name (23)
C. thunbergiana Schult. (23)
C. zeyheriana Schönland (23)
Purgosea debilis (Thunb.) G.Don (23)
Tillaea decumbens Willd. (23)
Annual. Herb, succulent. Ht ± 0.05–0.1 m. Alt 20–600 m. NC, WC

thyrsiflora in sense of Drège, not of Thunb. = **C. capitella** subsp. **capitella**

thyrsiflora Thunb. = **C. capitella** subsp. **thyrsiflora**

tomentosa in sense of Britten & Baker f., not of Thunb. = **C. tomentosa** var. **glabrifolia**

tomentosa Thunb. = **C. tomentosa** var. **tomentosa**

tomentosa Thunb. var. **glabrifolia** (Harv.) G.D.Rowley
C. eendoornensis Dinter (23)
C. glabrifolia Harv. (23)
C. interrupta Drège ex Harv., naked name. (23)
C. interrupta Drège ex Harv. var. *glabrifolia* (Harv.) Schönland (23)
C. scalaris Schönland & Baker f. (23)
C. tomentosa in sense of Britten & Baker f., not of Thunb. (23)
C. tomentosa Thunb. var. *interrupta* (Drège ex Harv.) Tölken (23)
Perennial, occ. biennial. Herb, succulent. Ht 0.1–0.3 m. Alt 400–1700 m. N, NC, WC

tomentosa Thunb. var. *interrupta* (Drège ex Harv.) Tölken = **C. tomentosa** var. **glabrifolia**

tomentosa Thunb. var. *setigera* (Eckl. & Zeyh.) Schönland = **C. tomentosa** var. **tomentosa**

tomentosa Thunb. var. **tomentosa**
C. conspicua Haw. (23)
C. linguifolia Haw. (23)
C. setigera (Eckl. & Zeyh.) Schönland (23)
C. tomentosa Thunb. (23)
C. tomentosa Thunb. var. *setigera* (Eckl. & Zeyh.) Schönland (23)
Purgosea conspicua (Haw.) Sweet (23)
Purgosea linguifolia (Haw.) Haw., as '*Turgosea*' (23)
Purgosea tomentosa (Thunb.) Haw., as '*Turgosea*' (23)
Sphaeritis setigera Eckl. & Zeyh. (23)
Sphaeritis tomentosa (Thunb.) Eckl. & Zeyh. (23)
Perennial, occ. annual. Herb, succulent. Ht 0.2–0.6 m when in flower. Alt 50–1600 m. N, NC, WC

tomentosa var. **glabrifolia** × **C. tomentosa** var. **tomentosa**, putative hybrid (23)

torquata Baker f. = **C. cultrata**

trachysantha (Eckl. & Zeyh.) Harv. = **C. mesembryanthoides** subsp. **mesembryanthoides**

transvaalensis (Kuntze) K.Schum. = **C. lanceolata** subsp. **transvaalensis**

triebneri Schönland ex H.Jacobsen = **C. capitella** subsp. **thyrsiflora**

tuberella Tölken
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1600–3400 m. M, FS, KZN, L

turrita in sense of Harv.; Schönland, not of Thunb., misapplied name = **C. capitella** subsp. **capitella**

turrita in sense of Jacq., not of Thunb. = **C. barbata** subsp. **barbata**

turrita Thunb. = **C. capitella** subsp. **thyrsiflora**

turrita Thunb. var. *latifolia* Harv. = **C. capitella** subsp. **capitella**

turrita Thunb. var. *rosea* Haw. = **C. capitella** subsp. **thyrsiflora**

tysonii Schönland = **C. pellucida** subsp. **brachypetala**

umbella Jacq.
C. flabellifolia Harv. (23)
C. loriformis Schönland & Baker f. (23)
C. weissii N.E.Br. (23)
Petrogeton umbella (Jacq.) Eckl. & Zeyh. (23)
Septas umbella (Jacq.) Haw. (23)
Perennial. Herb, succulent. Ht 0.06–0.25 m. Alt 1800–2000 m. NC, WC, EC

umbellata Thunb.
Bulliarda alpina (Eckl. & Zeyh.) Harv. (23)
C. alpina (Eckl. & Zeyh.) Walp. (23)
C. nana Schönland & Baker f. (23)
C. tenuis Wolley-Dod (23)
C. umbellata Thunb. var. *nana* (Schönland & Baker f.) Schönland (23)
Petrogeton alpinum Eckl. & Zeyh. (23)
Tillaea umbellata (Thunb.) Willd. (23)
Annual. Herb, succulent. Ht 0.002–0.04 m. Alt 50–1800 m. NC, WC, EC

umbellata Thunb. var. *nana* (Schönland & Baker f.) Schönland = **C. umbellata**

umbraticola N.E.Br.
C. crenatifolia Baker f. (23)
Perennial. Herb, succulent. Ht 0.05–0.11 m. Alt 1800–3400 m. FS, KZN, L, EC

undata Haw. = **C. dejecta**

undulata Haw. = **C. dejecta**

uniflora Schönland = **C. expansa** subsp. **filicaulis**

vaginata Eckl. & Zeyh. = **C. vaginata** subsp. **vaginata**

vaginata Eckl. & Zeyh. subsp. **minuta** Tölken
Perennial. Herb, succulent. Ht ± 0.3 m. Alt 900–1800 m. S

vaginata Eckl. & Zeyh. subsp. **vaginata**
C. abyssinica A.Rich. var. *vaginata* (Eckl. & Zeyh.) Engl. (23)
C. ciliata L. var. *acutifolia* E.Mey. ex Drège (23)

C. crassiflora (Kuntze) K.Schum. (23)
C. drakensbergensis Schönland (23)
C. retrorsa Hutchison (23)
C. spectabilis Schönland (23)
C. vaginata Eckl. & Zeyh. (23)
C. vaginata Eckl. & Zeyh. var. *hispida* Keissl. (23)
C. vaginata Eckl. & Zeyh. var. *laxa* Keissl. (23)
C. vaginata Eckl. & Zeyh. var. *parviflora* Keissl. (23)
Sedum crassiflorum Kuntze (23)
Sedum flavum (L.) Kuntze var. *lanceolatum* Kuntze (23)
Sedum flavum (L.) Kuntze var. *reflexifolium* Kuntze (23)
Sedum flavum (L.) Kuntze var. *subulatum* Kuntze (23)
Sedum vaginatum (Eckl. & Zeyh.) Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.5 m. Alt 800–3400 m. LIM, M, S, FS, KZN, L, EC

vaginata Eckl. & Zeyh. var. *hispida* Keissl. = **C. vaginata** subsp. **vaginata**

vaginata Eckl. & Zeyh. var. *laxa* Keissl. = **C. vaginata** subsp. **vaginata**

vaginata Eckl. & Zeyh. var. *parviflora* Keissl. = **C. vaginata** subsp. **vaginata**

vaginata × **C. alba** var. **parvisepala** Schönland, putative hybrid (23)

***vaillantii** (Willd.) Roth
Bulliarda vaillantii (Willd.) DC. (23)
Bulliarda vaillantii (Willd.) DC. var. *subulata* Harv. (23)
Tillaea vaillantii Willd. (23)
Annual. Herb, succulent. Ht up to 0.15 m. Alt 50–3400 m. G, FS, KZN, L, NC, WC, EC

variabilis N.E.Br. = **C. alpestris** subsp. **massonii**

velutina Friedrich = **C. sericea** var. **velutina**

versicolor Burch. ex Ker Gawl. = **C. coccinea**

vestita Thunb.
Perennial. Herb, lithophyte, succulent. Ht ± 0.08 m. Alt 900–1600 m. NC

virgata Harv. = **C. subaphylla** var. **virgata**

virgata in sense of E.Mey. ex Drège, not of Harv, naked name = **C. flava**

watermeyeri Compton = **C. atropurpurea** var. **watermeyeri**

weissii N.E.Br. = **C. umbella**

whiteheadii Harv.
C. divaricata in sense of Schönland & Baker f., not of Eckl. & Zeyh., misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 300–500 m. N, NC

wilmsii Diels = **C. alba** var. **parvisepala**

woodii Schönland = **C. expansa** subsp. **fragilis**

wyliei Schönland = **C. inandensis**

zeyheriana Schönland = **C. thunbergiana** subsp. **thunbergiana**

CURTOGYNE Haw. 3168080

albiflora (Sims) Eckl. & Zeyh. = **Crassula dejecta**

burmanniana Eckl. & Zeyh. = **Crassula flava**

dejecta in sense of Eckl. & Zeyh., not of (Jacq.) DC., misapplied name = **Crassula fallax**

dejecta (Jacq.) DC. = **Crassula dejecta**

flava (L.) Eckl. & Zeyh. = **Crassula flava**

undata (Haw.) Haw. = **Crassula dejecta**

undosa Haw. = **Crassula dejecta**

undulata (Haw.) Haw. = **Crassula dejecta**

DASYSTEMON DC. 3168090

calycina DC. in part = **Crassula glomerata**

calycina DC. in part = **Crassula pruinosa**

DIETRICHIA Tratt. 3168100

bicolor (Haw.) Eckl. & Zeyh. = **Crassula fascicularis**

coccinea (L.) Tratt. = **Crassula coccinea**

jasminea (Sims) Eckl. & Zeyh. = **Crassula obtusa**

jasminea (Sims) Eckl. & Zeyh. var. *uniflora* Eckl. & Zeyh. = **Crassula obtusa**

media (Haw.) Eckl. & Zeyh. = **Crassula fascicularis**

odoratissima (Andrews) Tratt. ex Eckl. & Zeyh. = **Crassula fascicularis**

versicolor (Ker Gawl.) Eckl. & Zeyh. = **Crassula coccinea**

DINACRIA Harv. 3168020

filiformis (Eckl. & Zeyh.) Harv. = **Crassula filiformis**

grammanthoides Schönland = **Crassula grammanthoides**

sebaeoides (Eckl. & Zeyh.) Schönland = **Crassula sebaeoides**

GLOBULEA Haw. 3168120

atropurpurea Haw. = **Crassula atropurpurea** var. **atropurpurea**

canescens Haw. = **Crassula nudicaulis** var. **nudicaulis**

canescens Haw. var. *angustifolia* Eckl. & Zeyh. = **Crassula nudicaulis** var. **nudicaulis**

capitata Salm-Dyck ex Haw. = **Crassula nudicaulis** var. **nudicaulis**

cultrata (L.) Haw. = **Crassula cultrata**

hispida Haw. = **Crassula mesembryanthoides** subsp. **hispida**

impressa Haw. = **Crassula capitella** subsp. **capitella**

impressa Haw. var. *minor* Haw. = **Crassula capitella** subsp. **capitella**

lingua Haw., naked name = **Crassula nudicaulis** var. **nudicaulis**

lingula Haw. (insufficiently known)

lingulifolia Haw. (insufficiently known)

mesembryanthemoides in sense of Drège, not of Haw. = **Crassula scabra**

mesembryanthoides Haw. = **Crassula mesembryanthoides** subsp. **mesembryanthoides**

mollis (Thunb.) Haw. ex DC. = **Crassula mollis**

nudicaulis (L.) Haw. = **Crassula nudicaulis** var. **nudicaulis**

obvallata in sense of Eckl. & Zeyh., not of (L.) Haw. = **Crassula cotyledonis**

obvallata (L.) Haw. = **Crassula nudicaulis** var. **nudicaulis**

paniculata Haw. = **Crassula capitella** subsp. **capitella**
radicans Haw. = **Crassula pubescens** subsp. **radicans**
stricta Drège, as '*Globulia*', naked name = **Crassula alba** var. **alba**
subincana Haw. = **Crassula mollis**
subincana Haw. var. *decumbens* Haw. = **Crassula mollis**
subincana Haw. var. *erecta* Haw. = **Crassula mollis**
sulcata Haw. = **Crassula nudicaulis** var. **nudicaulis**

GRAMMANTHES DC. 3170000

chloraeflora (Haw.) DC. = **Crassula dichotoma**
chloraeflora (Haw.) DC. var. *caesia* Hook.f. = **Crassula dichotoma**
depressa Eckl. & Zeyh. = **Crassula depressa**
filiformis Eckl. & Zeyh. = **Crassula filiformis**
flava E.Mey. ex Drège = **Crassula sebaeoides**
gentianoides (Lam.) DC. = **Crassula dichotoma**
gentianoides (Lam.) DC. var. *caesia* Hook. f. = **Crassula dichotoma**
gentianoides (Lam.) DC. var. *chloraeflora* (Haw.) Harv. = **Crassula dichotoma**
gentianoides (Lam.) DC. var. *depressa* (Eckl. & Zeyh.) Harv. = **Crassula depressa**
gentianoides (Lam.) DC. var. *media* Harv. = **Crassula sebaeoides**
gentianoides (Lam.) DC. var. *sebaeoides* (Eckl. & Zeyh.) Harv. = **Crassula sebaeoides**
gentianoides (Lam.) DC. var. *vera* (Haw.) Harv. = **Crassula dichotoma**
retroflexa (Thunb.) Sweet = **Crassula dichotoma**
sebaeoides Eckl. & Zeyh. = **Crassula sebaeoides**

HELOPHYTUM Eckl. & Zeyh. 3168030

filiforme Eckl. & Zeyh. = **Crassula natans** var. **natans**
filiforme Eckl. & Zeyh. var. *parvulum* Eckl. & Zeyh. = **Crassula natans** var. **natans**
fluitans Eckl. & Zeyh. = **Crassula natans** var. **natans**
fluitans Eckl. & Zeyh. var. *intermedium* Eckl. & Zeyh. = **Crassula natans** var. **natans**
fluitans Eckl. & Zeyh. var. *obovatum* Eckl. & Zeyh. = **Crassula natans** var. **natans**
inane (Thunb.) Eckl. & Zeyh. = **Crassula inanis**
inane (Thunb.) Eckl. & Zeyh. var. *latifolium* Eckl. & Zeyh. = **Crassula inanis**
natans (Thunb.) Eckl. & Zeyh. = **Crassula natans** var. **natans**
natans (Thunb.) Eckl. & Zeyh. var. *amphibia* Harv. = **Crassula natans** var. **natans**
natans (Thunb.) Eckl. & Zeyh. var. *filiformis* (Eckl. & Zeyh.) Harv. = **Crassula natans** var. **minus**
natans (Thunb.) Eckl. & Zeyh. var. *fluitans* (Eckl. & Zeyh.) Harv. = **Crassula natans** var. **natans**
natans (Thunb.) Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. = **Crassula natans** var. **minus**
natans (Thunb.) Eckl. & Zeyh. var. *obovatum* (Eckl. & Zeyh.) Harv. = **Crassula natans** var. **natans**
reflexum Eckl. & Zeyh. = **Crassula natans** var. **natans**

KALANCHOE Adans. 3166000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 341.
(2) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 967.
(3) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1007.
(4) Tölken. 1982. *The Flowering Plants of Africa* 47: t. 1848.
(5) Tölken. 1983. *The Flowering Plants of Africa* 47: t. 1878.
(6) Tölken. 1985. *FSA* 14: 61–71.
(7) Springate. 1995. *European garden flora* 4: 178–185.

albiflora H.M.L.Forbes = **K. luciae** subsp. **luciae**
aleurodes Stearn = **K. luciae** subsp. **luciae**
alternans in sense of Eckl & Zeyh., not of Pers. = **K. thyrsiflora**

alticola Compton
Perennial. Dwarf shrub, succulent. Ht ± 0.7 m. Alt 900–1800 m. M, S

brachyloba Welw. ex Britten
K. multiflora Schinz (6)
K. pruinosa Dinter (6)
K. pyramidalis Schönland (6)
Perennial. Shrub, succulent. Ht ± 2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC

carnea N.E.Br. (insufficiently known) (6)

crenata (Andrews) Haw.
K. hirta Harv. (6)
K. integra (Medik.) Kuntze (7)
Verea crenata Andrews, as '*Vereia*' (6)
Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 800–1900 m. KZN, EC

crundallii I.Verd. (2)
Perennial. Dwarf shrub, succulent. Ht ± 0.9 m. Alt 50–1800 m. LIM

decumbens Compton = **K. rotundifolia**
delagoensis Eckl. & Zeyh. = **Bryophyllum delagoense**
glandulosa Hochst. ex Rich. = **K. lanceolata**
glandulosa Hochst. ex Rich. var. *benguelensis* Engl. = **K. lanceolata**
glandulosa Hochst. ex Rich. var. *tomentosa* Keissl. = **K. lanceolata**
gregaria Dinter = **K. lanceolata**
guillauminii Raym.-Hamet = **K. rotundifolia**
hirta Harv. = **K. crenata**
hirta in sense of Dinter, not of Harv. = **K. lanceolata**
integra (Medik.) Kuntze = **K. crenata**
junodii Schinz = **K. lanceolata**

laciniata (L.) DC.
Cotyledon laciniata L. (6)
K. schweinfurthii Penz. (6)
Verea laciniata (L.) Willd. (6)
Perennial. Shrub, succulent. Ht ± 1 m. Alt 1200–1800 m. N

lanceolata (Forssk.) Pers.
Cotyledon lanceolata Forssk. (6)
K. glandulosa Hochst. ex Rich. (6)
K. glandulosa Hochst. ex Rich. var. *benguelensis* Engl. (6)
K. glandulosa Hochst. ex Rich. var. *tomentosa* Keissl. (6)
K. gregaria Dinter (6)
K. hirta in sense of Dinter, not of Harv. (6)
K. junodii Schinz (6)
K. pentheri Schltr. (6)
Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S

longiflora Schltr. ex J.M.Wood

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 800–1700 m. KZN

luciae Raym.-Hamet = **K. luciae** subsp. **luciae**

luciae Raym.-Hamet subsp. **luciae**
K. albiflora H.M.L.Forbes (6)
K. aleurodes Stearn (6)
K. luciae Raym.-Hamet (6)
Perennial. Shrub, succulent. Ht ± 2 m. Alt 50–1800 m. LIM, NW, G, M, S, KZN

luciae Raym.-Hamet subsp. **montana** (Compton) Tölken
K. montana Compton (6)
Perennial. Shrub, succulent. Ht ± 1 m. Alt 800–1800 m. M, S

luebbertiana Engl. = **K. rotundifolia**

montana Compton = **K. luciae** subsp. **montana**

multiflora Schinz = **K. brachyloba**

neglecta Tölken
K. rotundifolia (Haw.) Haw. forma *peltata* Raym.-Hamet ex R.Fern. (6)
Perennial. Shrub, succulent. Ht ± 1 m. Alt 50–300 m. KZN

oblongifolia Harv. = **K. paniculata**

paniculata Harv.
K. oblongifolia Harv. (6)
Perennial. Shrub, succulent. Ht ± 1.2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

pentheri Schltr. = **K. lanceolata**

praesidentis-malani Raym.-Hamet (insufficiently known) (6)

praesidentis-verwoerdii Raym.-Hamet (insufficiently known) (6)

pruinosa Dinter = **K. brachyloba**

pyramidalis Schönland = **K. brachyloba**

rogersii Raym.-Hamet = **K. sexangularis**

rotundifolia (Haw.) Haw.
Crassula rotundifolia Haw. (6)
K. decumbens Compton (6)
K. guillauminii Raym.-Hamet (6)
K. luebbertiana Engl. (6)
K. rotundifolia (Haw.) Haw. forma. *tripartita* Raym.-Hamet ex R.Fern. (6)
Verea rotundifolia (Haw.) D.Dietr. (6)
Perennial. Dwarf shrub, succulent. Ht ± 1.2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

rotundifolia (Haw.) Haw. forma. *peltata* Raym.-Hamet ex R.Fern. = **K. neglecta**

rotundifolia (Haw.) Haw. forma. *tripartita* Raym.-Hamet ex R.Fern. = **K. rotundifolia**

rotundifolia (Haw.) Haw. var. *aequimagnisepala* Raym.-Hamet (insufficiently known) (6)

rotundifolia (Haw.) Haw. var. *guillauminii* Raym.-Hamet (insufficiently known) (6)

rotundifolia (Haw.) Haw. var. *strictifolia* Raym.-Hamet (insufficiently known) (6)

rubinea Tölken = **K. sexangularis**

schweinfurthii Penz. = **K. laciniata**

sexangularis N.E.Br. = **K. sexangularis** var. **sexangularis**

sexangularis N.E.Br. var. **sexangularis**
K. rogersii Raym.-Hamet (6)
K. rubinea Tölken (6)
K. sexangularis N.E.Br. (6)
Perennial. Dwarf shrub, succulent. Ht ± 1 m. Alt 400–2200 m. LIM, M, S, KZN

thyrsiflora Harv.
K. alternans in sense of Eckl. & Zeyh., not of Pers. (6)
Perennial. Shrub, lithophyte, succulent. Ht ± 1.5 m. Alt 400–3400 m. B, LIM, NW, G, M, S, FS, KZN, L

tubiflora Raym.-Hamet = **Bryophyllum delagoense**

KALOSANTHES Haw. 3168130

bicolor Haw. = **Crassula fascicularis**

biconvexa (Haw.) Haw. = **Crassula fascicularis**

capitata (Lodd.) Sweet = **Crassula fascicularis**

coccinea (L.) Haw. = **Crassula coccinea**

coccinea (L.) Haw. var. *alba* Haw. = **Crassula coccinea**

cymosa (P.J.Bergius) Haw. = **Crassula fascicularis**

fascicularis (Lam.) G.Don = **Crassula fascicularis**

flava (L.) Sweet = **Crassula flava**

jasminea (Sims) Haw. = **Crassula obtusa**

media Haw. = **Crassula fascicularis**

odoratissima (Andrews) Haw. = **Crassula fascicularis**

odoratissima (Andrews) Haw. var. *alba* (DC.) G.Don = **Crassula fascicularis**

versicolor (Ker Gawl.) Haw. = **Crassula coccinea**

LAROCHEA Pers. 3168140

coccinea (L.) Pers. = **Crassula coccinea**

cymosa (P.J.Bergius) Haw. in part = **Crassula cymosa**

cymosa (P.J.Bergius) Haw. in part = **Crassula fascicularis**

falcata (J.C.Wendl.) Pers. = **Crassula perfoliata** var. **minor**

falcata (J.C.Wendl.) Pers. var. *minor* Haw. = **Crassula perfoliata** var. **minor**

fascicularis (Lam.) Schult. = **Crassula fascicularis**

flava (L.) Haw. = **Crassula flava**

odoratissima (Andrews) Haw. = **Crassula fascicularis**

odoratissima (Andrews) Haw. var. *bicolor* (Haw.) DC. = **Crassula fascicularis**

perfoliata (L.) Haw. = **Crassula perfoliata** var. **perfoliata**

perfoliata (L.) Haw. var. *alba* Haw. = **Crassula perfoliata** var. **perfoliata**

tiniflora Lem. = **Crassula fascicularis**

PAGELLA Schönland 3168040

archeri Schönland = **Crassula pageae**

PETROGETON Eckl. & Zeyh. 3168150

alpinum Eckl. & Zeyh. = **Crassula umbellata**

nemorosum Eckl. & Zeyh. = **Crassula nemorosa**

nivale Eckl. & Zeyh. = **Crassula nemorosa**

patens Eckl. & Zeyh. = **Crassula dentata**

typicum Eckl. & Zeyh. = **Crassula dentata**

typicum Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. = **Crassula dentata**

umbella (Jacq.) Eckl. & Zeyh. = **Crassula umbella**

PURGOSEA Haw. 3168110

alooides (Dryand.) Haw. = **Crassula capitella** subsp. **capitella**

alooides in sense of Eckl. & Zeyh., as '*Pyrgosea aloides*', not of (Dryand.) Haw. = **Crassula capitella** subsp. **thyrsiflora**

alpestris (Thunb.) G.Don = **Crassula alpestris** subsp. **alpestris**

barbata (Thunb.) G.Don, as '*Purgosia*' = **Crassula barbata** subsp. **barbata**

capitella (Thunb.) Sweet, as '*capitellata*' = **Crassula capitella** subsp. **capitella**

cephalophora (Thunb.) G.Don = **Crassula nudicaulis** var. **nudicaulis**

ciliata (L.) Sweet = **Crassula ciliata**

concinella (Haw.) Sweet (insufficiently known)

concinna (Haw.) Sweet (insufficiently known)

conspicua (Haw.) Sweet = **Crassula tomentosa** var. **tomentosa**

corymbulosa (Link & Otto) Sweet = **Crassula capitella** subsp. **thyrsiflora**

cotyledonis (Thunb.) Sweet = **Crassula cotyledonis**

crenulata (Thunb.) G.Don = **Crassula crenulata**

debilis (Thunb.) G.Don = **Crassula thunbergiana** subsp. **thunbergiana**

dentata (Thunb.) G.Don = **Crassula dentata**

hemisphaerica (Thunb.) G.Don = **Crassula hemisphaerica**

hirta (Thunb.) G.Don = **Crassula nudicaulis** var. **nudicaulis**

linguifolia (Haw.) Haw., as '*Turgosea*' = **Crassula tomentosa** var. **tomentosa**

lingulifolia (Haw.) Sweet (insufficiently known)

minima (Thunb.) G.Don = **Crassula dentata**

montana (Thunb.) G.Don = **Crassula montana** subsp. **montana**

obovata (Haw.) Haw. = **Crassula obovata** var. **obovata**

pertusa (Haw.) Haw. = **Crassula capitella** subsp. **thyrsiflora**

pertusula Haw. = **Crassula capitella** subsp. **thyrsiflora**

punctata (L.) Sweet (insufficiently known)

pyramidalis (Thunb.) G.Don = **Crassula pyramidalis**

sediflora Eckl. & Zeyh., as '*Pyrgosea*' = **Crassula sediflora** var. **sediflora**

spicata (Thunb.) G.Don = **Crassula capitella** subsp. **capitella**

tecta (Thunb.) G.Don = **Crassula tecta**

thyrsiflora (Thunb.) Sweet = **Crassula capitella** subsp. **thyrsiflora**

tomentosa (Thunb.) Haw., as '*Turgosea*' = **Crassula tomentosa** var. **tomentosa**

turrita (Thunb.) Sweet in part = **Crassula capitella** subsp. **capitella**

turrita (Thunb.) Sweet in part, naked name = **Crassula capitella** subsp. **thyrsiflora**

turrita (Thunb.) Sweet var. *alba* Sweet = **Crassula capitella** subsp. **thyrsiflora**

RHOPALOTA N.E.Br. 3168050

aphylla (Schönland & Baker f.) N.E.Br. = **Crassula aphylla**

ROCHEA DC. 3171000

albiflora (Sims) DC. = **Crassula dejecta**

bicolor (Haw.) Steud. = **Crassula fascicularis**

biconvexa (Haw.) DC. = **Crassula fascicularis**

coccinea (L.) DC. = **Crassula coccinea**

cymosa (P.J.Bergius) DC. in part = **Crassula cymosa**

falcata (J.C.Wendl.) DC. = **Crassula perfoliata** var. **minor**

falcata (J.C.Wendl.) DC. var. *acuminata* Eckl. & Zeyh. = **Crassula perfoliata** var. **perfoliata**

falcata (J.C.Wendl.) DC. var. *minor* (Haw.) DC. = **Crassula perfoliata** var. **minor**

fascicularis (Lam.) DC. = **Crassula fascicularis**

flava (L.) DC. = **Crassula flava**

jasminea (Sims) DC. = **Crassula obtusa**

media (Haw.) DC. = **Crassula fascicularis**

microphylla E.Mey. ex Drège, naked name = **Crassula obtusa**

odoratissima (Andrews) Link = **Crassula fascicularis**

odoratissima (Andrews) Link var. *alba* DC. = **Crassula fascicularis**

odoratissima (Andrews) Link var. *bicolor* (Haw.) DC. = **Crassula fascicularis**

perfoliata (L.) DC. in part = **Crassula perfoliata** var. **perfoliata**

perfoliata (L.) DC. in part as to specimen var. *a* = **Crassula perfoliata** var. **coccinea**

perfoliata (L.) DC. var. *alba* (Haw.) Sweet = **Crassula perfoliata** var. **perfoliata**

perfoliata (L.) DC. var. *coccinea* Sweet = **Crassula perfoliata** var. **coccinea**

perfoliata (L.) DC. var. *glabberima* E.Mey. ex Drège, naked name = **Crassula macowaniana**

subulata (L.) Adamson = **Crassula fascicularis**

versicolor in sense of Harv. in part, not of (Ker Gawl.) Link, misapplied name = **Crassula fascicularis**

versicolor (Ker Gawl.) Link = **Crassula coccinea**

SARCOLIPES Eckl. & Zeyh. 3168160

pubescens Eckl. & Zeyh. = **Crassula strigosa**

SEDUM Tourn. ex. L. 3162040

caffrum Kuntze = **Crassula sarcocaulis** subsp. **rupicola**

campestre (Eckl. & Zeyh.) Kuntze = **Crassula campestris**

canescens (Schult.) Kuntze var. *caulescens* Kuntze = **Crassula rogersii**

ciliatum (L.) Kuntze = **Crassula ciliata**

cogmanense Kuntze = **Crassula subaphylla** var. **subaphylla**

corymbulosum (Link & Otto) Kuntze in part = **Crassula capitella** subsp. **thyrsiflora**

corymbulosum (Link & Otto) Kuntze in part = **Crassula capitella** subsp. **capitella**

crassiflorum Kuntze = **Crassula vaginata** subsp. **vaginata**

cymosum (P.J.Bergius) Kuntze = **Crassula cymosa**

dregeanum (Harv.) Kuntze var. *adscendens* Kuntze = **Crassula setulosa** var. **setulosa**

dregeanum (Harv.) Kuntze var. *erectum* Kuntze = **Crassula setulosa** var. **rubra**

dregeanum (Harv.) Kuntze forma *intermedium* Kuntze = putative hybrid of **Crassula setulosa** var. **rubra** × **Crassula setulosa** var. **setulosa**

expansum (Dryand. in Aiton) Kuntze = **Crassula expansa** subsp. **expansa**

flavum (L.) Kuntze = **Crassula flava**

flavum (L.) Kuntze var. *brevifolium* Kuntze = **Crassula flava**

flavum (L.) Kuntze var. *lanceolatum* Kuntze = **Crassula vaginata** subsp. **vaginata**

flavum (L.) Kuntze var. *lorifolium* Kuntze = **Crassula flava**

flavum (L.) Kuntze var. *reflexifolium* Kuntze = **Crassula vaginata** subsp. **vaginata**

flavum (L.) Kuntze var. *subulatum* Kuntze = **Crassula vaginata** subsp. **vaginata**

lycopodioides (Lam.) Kuntze = **Crassula muscosa** var. **muscosa**

muscosum (L.) Kuntze in part = **Crassula lanceolata** subsp. **lanceolata**

radicans (Harv.) Kuntze = **Crassula tetragona** subsp. **acutifolia**

ramuliflorum (Link & Otto) Kuntze = **Crassula obovata** var. **obovata**

ramuliflorum (Link & Otto) Kuntze forma *rubriflorum* Kuntze = **Crassula obovata** var. **obovata**

ramuliflorum (Link & Otto) Kuntze var. *oblongifolia* Kuntze = **Crassula obovata** var. **obovata**

regelii Kuntze = **Crassula exilis** subsp. **cooperi**

scabrum (L.) Kuntze var. *intermedium* Kuntze, putative hybrid of **Crassula pruinosa** × **Crassula scabra**

tetragonum (L.) Kuntze = **Crassula tetragona** subsp. **tetragona**

transvaalense Kuntze, as '*transvalense*' = **Crassula lanceolata** subsp. **transvaalensis**

vaginatum (Eckl. & Zeyh.) Kuntze = **Crassula vaginata** subsp. **vaginata**

SEPTAS L. 3168170

capensis L. = **Crassula capensis** var. **capensis**

globifera in sense of Eckl. & Zeyh., not of Sims = **Crassula saxifraga**

globifera Sims, as '*globiflora*' = **Crassula capensis** var. **capensis**

umbella (Jacq.) Haw. = **Crassula umbella**

SPHAERITIS Eckl. & Zeyh. 3168180

biconvexa Eckl. & Zeyh. = **Crassula pubescens** subsp. **pubescens**

incana Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**

margaritifera Eckl. & Zeyh. = **Crassula mollis**

muricata (Thunb.) Eckl. & Zeyh. = **Crassula subulata** var. **subulata**

paucifolia Eckl. & Zeyh. = **Crassula mesembryanthoides** subsp. **hispida**

puberula Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**

setigera Eckl. & Zeyh. = **Crassula tomentosa** var. **tomentosa**

subaphylla Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**

tomentosa (Thunb.) Eckl. & Zeyh. = **Crassula tomentosa** var. **tomentosa**

trachysantha Eckl. & Zeyh. = **Crassula mesembryanthoides** subsp. **mesembryanthoides**

typica Eckl. & Zeyh. = **Crassula subulata** var. **subulata**

TETRAPHYLE Eckl. & Zeyh. 3168200

furcata Eckl. & Zeyh. = **Crassula ericoides** subsp. **ericoides**

lanceolata Eckl. & Zeyh. = **Crassula lanceolata** subsp. **lanceolata**

littoralis Eckl. & Zeyh. = **Crassula muscosa** var. **muscosa**

lycopodioides (Lam.) Eckl. & Zeyh. = **Crassula muscosa** var. **muscosa**

muscosa (L.) Eckl. & Zeyh. in part = **Crassula lanceolata** subsp. **lanceolata**

muscosa (L.) Eckl. & Zeyh. in part = **Crassula muscosa** var. **muscosa**

parvula Eckl. & Zeyh. = **Crassula muscosa** var. **parvula**

propinqua (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula muscosa** var. **obtusifolia**

pyramidalis (Thunb.) Eckl. & Zeyh. = **Crassula pyramidalis**

quadrangula Eckl. & Zeyh. = **Crassula pyramidalis**

TILLAEA L. 3168060

alsinoides Hook.f. = **Crassula pellucida** subsp. **alsinoides**

brevifolia (Eckl. & Zeyh.) Walp. = **Crassula decumbens** var. **brachyphylla**

capensis L.f. = **Crassula natans** var. **natans**

decumbens Willd. = **Crassula thunbergiana** subsp. **thunbergiana**

ecklonis Walp. = **Crassula natans** var. **minus**

elatinoides (Eckl. & Zeyh.) Walp. = **Crassula elatinoides**

filiformis (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

filiformis (Eckl. & Zeyh.) Endl. ex Walp. var. *parvula* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *intermedia* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *obovata* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

inanis (Thunb.) Steud. = **Crassula inanis**

perfoliata L.f. = **Crassula inanis**

perfoliata L.f. var. *latifolium* (Eckl. & Zeyh.) Walp. = **Crassula inanis**

reflexa (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

subulata (Hook.f.) Britten = **Crassula lanceolata** subsp. **transvaalensis**

trichotoma (Eckl. & Zeyh.) Walp. = **Crassula decumbens** var. **decumbens**

umbellata (Thunb.) Willd. = **Crassula umbellata**

vaillantii Willd. = **Crassula vaillantii**

TYLECODON Tölken 3164010

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(2) Barker. 1930. *The Flowering Plants of South Africa* 10: tt. 394, 396.
(3) Barker. 1938. *The Flowering Plants of South Africa* 18: t. 690.
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(5) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1046.
(6) Henderson. 1953. *The Flowering Plants of Africa* 29: t. 1142.
(7) Dyer. 1963. *The Flowering Plants of Africa* 36: t. 1411.
(8) Dyer. 1971. *The Flowering Plants of Africa* 41: tt. 1606, 1631.
(9) Tölken. 1978. *The Flowering Plants of Africa* 45: t. 1774.
(10) Tölken. 1985. *FSA* 14: 19–35.
(11) Van Jaarsveld. 1988. *Aloe* 25: 30–32.
(12) Bruyns. 1989. *South African Journal of Botany* 55: 332–336.
(13) Van Jaarsveld. 1989. *The Flowering Plants of Africa* 50: tt. 1983, 1984.
(14) Bruyns. 1990. *South African Journal of Botany* 56: 125–132, 506.
(15) Van Jaarsveld. 1990. *The Flowering Plants of Africa* 51: t. 2006.
(16) Bruyns. 1992. *South African Journal of Botany* 58: 50–55
(17) Van Jaarsveld. 1992. *Cactus and Succulent Journal (U.S.)* 64: 57–61.
(18) Williamson. 1992. *Aloe* 29: 60–63.
(19) Van Jaarsveld & Williamson. 1994. *Aloe* 31: 56–59.
(20) Van Jaarsveld & Koutnik. 1995. *Cactus and Succulent Journal (US)* 67: 40–43.
(21) Williamson. 1995. *Cactus and Succulent Journal (U.S.)* 67: 114–118.
(22) Van Jaarsveld & Koutnik. 1997. *Bradleya* 15: 65–72.
(23) Van Jaarsveld. 1998. *Aloe* 35: 10, 11.
(24) Williamson. 1998. *Cactus and Succulent Journal (U.S.)* 70: 127, 128, 255–258.
(25) Williamson & Van Jaarsveld. 1999. *Aloe* 36: 43, 44.
(26) Lavranos. 2000. *Piante Grasse* 20: 125.

albiflorus Bruyns
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 400–800 m. WC

aridimontanus G.Will.
Perennial. Dwarf succulent. Ht 0.045–0.1 m. Alt 600–1000 m. N

atropurpureus Bruyns
Perennial. Dwarf succulent geophyte. Ht 0.05–0.15 m. Alt 700–800 m. NC

aurusbergensis G.Will. & Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.03–0.08 m. Alt 900–1082 m. N

bayeri Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.005–0.08 m. Alt 500–800 m. NC

bleckiae G.Will.
Perennial. Dwarf succulent. Ht 0.045–0.075 m. Alt 600–900 m. N, NC

bodleyae Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.03–0.1 m. Alt 350–470 m. NC

buchholzianus (Schuldt & P.Stephan) Tölken subsp. **buchholzianus**
Cotyledon buchholziana Schuldt & P.Stephan (10)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.3 m. Alt 50–700 m. N, NC

buchholzianus (Schuldt & P.Stephan) Tölken subsp. **fasciculatus** G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.045–0.2 m. Alt 300–480 m. NC

cacalioides (L.f.) Tölken
Cotyledon cacalioides L.f. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 300–1200 m. WC, EC

cacalioides (L.f.) Tölken × **T. paniculatus** (L.f.) Tölken, putative hybrid
Cotyledon fergusoniae L.Bolus (10)

cordiformis G.Will.
Perennial. Dwarf succulent. Ht 0.005–0.03 m. Alt 400–600 m. NC

cremnophilus Bruyns = **T. ellaphieae**

decipiens Tölken
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 300–480 m. NC

ellaphieae Van Jaarsv.
T. cremnophilus Bruyns (14)
Perennial. Dwarf succulent. Ht 0.02–0.1 m. Alt 600–1200 m. NC

faucium (Poelln.) Tölken
Cotyledon faucium Poelln. (10)
Perennial. Dwarf shrub, succulent. Ht 0.01–0.15 m. Alt 1100–1400 m. WC

fragilis (R.A.Dyer) Tölken
Cotyledon fragilis R.A.Dyer (10)
Perennial. Dwarf succulent. Ht 0.01–0.2 m. Alt 5–20 m. WC

grandiflorus (Burm.f.) Tölken
Cotyledon curviflora Sims (10)
Cotyledon grandiflora Burm.f. (10)
Cotyledon purpurea in sense of Haw., not of Thunb. (10)
Cotyledon tuberculosa Lam. (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.5 m. Alt 50–300 m. WC, NC

hallii (Tölken) Tölken
Cotyledon hallii Tölken (10)
Cotyledon pearsonii Schönland in part (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 300–800 m. N, NC

hirtifolius (W.F.Barker) Tölken
Cotyledon hirtifolia W.F.Barker (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 600–850 m. NC

kritzingeri Van Jaarsv.
Perennial. Climber, succulent. Ht 0.2–1 m. Alt 500–1200 m. NC

leucothrix (C.A.Sm.) Tölken
Adromischus leucothrix C.A.Sm. (10)
Cotyledon leucothrix (C.A.Sm.) Fourc. (10)
Cotyledon swartbergensis Poelln. (10)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 400–700 m. WC, EC

longipes Van Jaarsv. & G.Will.
Perennial. Dwarf succulent. Ht 0.02–0.2 m. Alt 400–800 m. NC

mallei G.Will.
Perennial. Dwarf succulent. Ht 0.06–0.25 m. Alt 500–700 m. NC

nigricaulis G.Will. & Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.05–0.08 m. Alt 700–900 m. NC

nolteei Lavranos
Perennial. Dwarf succulent. Ht 0.02–0.05 m. Alt 250–400 m. WC

occultans (Tölken) Tölken
Cotyledon occultans Tölken (10)
Perennial. Dwarf geophyte, succulent. Ht 0.005–0.01 m. Alt 250–450 m. WC

paniculatus (L.f.) Tölken
Cotyledon fascicularis Aiton (10)
Cotyledon mollis Dinter (10)
Cotyledon paniculata L.f. (10)
Cotyledon spuria L. in part (10)
Cotyledon tardiflora Bonpl. (10)
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 50–1200 m. N, NC, WC, EC

papillaris (L.) G.D.Rowley (insufficiently known) (10)

pearsonii (Schönland) Tölken
Cotyledon luteosquamata Poelln. (10)
Cotyledon pearsonii Schönland in part (10)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 300–1100 m. N, NC, WC

peculiaris Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.005–0.01 m. Alt 200–300 m. WC

pusillus Bruyns
Perennial. Geophyte, succulent. Ht 0.005–0.01 m. Alt 600–950 m. NC

pygmaeus (W.F.Barker) Tölken
Cotyledon pygmaea W.F.Barker (10)
Perennial. Dwarf succulent. Ht 0.025–0.15 m. Alt 150–300 m. WC

pygmaeus (W.F.Barker) Tölken var. *tenuis* (Tölken) Tölken = **T. tenuis**

racemosus (Harv.) Tölken
Cotyledon chloroleuca Dinter ex Friedrich (10)
Cotyledon racemosa Harv. in part (10)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 200–1000 m. N, NC

reticulatus (L.f.) Tölken subsp. **phyllopodium** Tölken
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 50–700 m. N, NC

reticulatus (L.f.) Tölken subsp. **reticulatus**
Cotyledon dichotoma Haw. (10)
Cotyledon parvula Burch. (10)
Cotyledon reticulata L.f. (10)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–0.4 m. Alt 20–1200 m. N, NC, WC, EC

rubrovenosus (Dinter) Tölken
Cotyledon rubrovenosa Dinter (10)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 500–1200 m. N, NC

scandens Van Jaarsv. = **T. tenuis**

schaeferianus (Dinter) Tölken
Adromischus hoerleinianus (Dinter) Poelln. (10)
Adromischus hoerleinianus (Dinter) Poelln. var. *schaeferi* Dinter (10)
Adromischus keilhackii Werderm. (10)
Adromischus schaeferianus (Dinter) A.Berger (10)
Adromischus schaeferianus (Dinter) A.Berger var. *keilhackii* (Werderm.) Poelln. (10)
Cotyledon hoerleiniana Dinter (10)
Cotyledon hoerleiniana Dinter var. *schaeferi* Dinter (10)
Cotyledon schaeferi Dinter, naked name (10)
Cotyledon schaeferiana Dinter (10)
Cotyledon sinus-alexandri Poelln. (10)
Perennial. Geophyte, dwarf shrub, succulent. Ht 0.005–0.05 m. Alt 10–150 m. N, NC

similis (Tölken) Tölken
Cotyledon similis Tölken (10)
Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 50–1100 m. N, NC

singularis (R.A.Dyer) Tölken
Cotyledon singularis R.A.Dyer (10)
Perennial. Geophyte, succulent. Ht 0.05–0.15 m. Alt 800–1100 m. N

stenocaulis Bruyns
Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 600–800 m. WC

striatus (Hutchison) Tölken
Cotyledon striata Hutchison (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 200–1100 m. NC, WC

suffultus Bruyns ex Tölken
Perennial. Dwarf scandent succulent. Ht 0.05–0.2 m. Alt 300–500 m. WC

sulphureus (Tölken) Tölken var. **armianus** Van Jaarsv.
Perennial. Dwarf succulent. Ht 0.01–0.03 m. Alt 700–1100 m. NC

sulphureus (Tölken) Tölken var. **sulphureus**
Cotyledon sulphurea Tölken (10)
Perennial. Dwarf succulent. Ht 0.01–0.03 m. Alt 700–1100 m. NC

tenuis (Tölken) Bruyns
Cotyledon pygmaea W.F.Barker var. *tenuis* Tölken (16)
T. pygmaeus (W.F.Barker) Tölken var. *tenuis* (Tölken) Tölken (16)
T. scandens Van Jaarsv. (20)
Perennial. Dwarf succulent, scandent. Ht 0.05–0.2 m. Alt 100–300 m. WC

torulosus Tölken
Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 300–500 m. NC

tribblei Van Jaarsv.
Perennial. Dwarf succulent, scandent. Ht 0.1–0.4 m. Alt 600–900 m. NC

tuberosus Tölken
Perennial. Geophyte, succulent. Ht 0.04–0.35 m. Alt 900–1100 m. NC

ventricosus (Burm.f.) Tölken
Cotyledon ventricosa Burm.f. (10)
Cotyledon ventricosa Burm.f. var. *alpina* Harv. (10)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–0.3 m. Alt 50–1200 m. N, NC, WC, EC

viridiflorus (Tölken) Tölken
Cotyledon viridiflora Tölken (10)
Perennial. Dwarf succulent. Ht 0.15–0.35 m. Alt 600–900 m. NC

wallichii (Harv.) Tölken subsp. **ecklonianus** (Harv.) Tölken
Cotyledon cacalioides in sense of Eckl. & Zeyh., not of Thunb. (10)
Cotyledon dinteri Baker f. (10)
Cotyledon ecklonianа Harv. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 50–1200 m. N, NC

wallichii (Harv.) Tölken subsp. **wallichii**
Cotyledon wallichii Harv. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 50–1500 m. NC, WC, EC

wallichii (Harv.) Tölken subsp. **wallichii** × **T. cacalioides** (L.f.) Tölken, putative hybrid (10)

wallichii (Harv.) Tölken subsp. **wallichii** × **T. paniculatus** (L.f.) Tölken, putative hybrid (10)

VAUANTHES Haw. 3170010

chloraeflora Haw. = **Crassula dichotoma**

dichotoma (L.) Kuntze = **Crassula dichotoma**

VEREA Willd. 3168190

crenata Andrews, as '*Vereia*' = **Kalanchoe crenata**

laciniata (L.) Willd. = **Kalanchoe laciniata**

rotundifolia (Haw.) D.Dietr. = **Kalanchoe rotundifolia**

CUCURBITACEAE

Compiled by W.G. Welman

ACANTHOSICYOS Welw. ex Hook.f. 8590000

(1) Meeuse. 1962. *Bothalia* 8: 52–54.
(2) Jeffrey. 1978. *FZ* 4: 433, 434.

horridus Welw. ex Hook.f.
Perennial. Shrub. Ht 0.5–1 m. Alt 25–150 m. N, NC

naudinianus (Sond.) C.Jeffrey
Citrullus naudinianus (Sond.) Hook.f. (2)
Colocynthis naudinianus (Sond.) Kuntze (2)
Cucumis naudinianus Sond. (2)
Perennial. Herb, prostrate. Length 0.5–3 m. Alt 380–1695 m. N, B, LIM, NW, G, FS, KZN, NC

BLASTANIA Kotschy & Peyr. 8564020

cerasiformis (Stocks) A.Meeuse = **Ctenolepis cerasiformis**

BRYONIA L. 8595000

africana L. = **Kedrostis africana**

nana Lam. = **Kedrostis nana** var. **nana**

palmata L. = **Diplocyclos palmatus**

quinqueloba Thunb. = **Coccinia quinqueloba**

scabra L.f. = **Zehneria scabra** subsp. **scabra**

CEPHALANDRA Eckl. & Zeyh. 8628010

palmata Sond. = **Coccinia palmata**

quinqueloba (Thunb.) Schrad. in the writings of Eckl. & Zeyh. = **Coccinia quinqueloba**

sessilifolia Sond. = **Coccinia sessilifolia**

CITRULLUS Eckl. & Zeyh. 8598000

(1) Meeuse 1962. *Bothalia* 8: 54–59.
(2) De Winter. 1990. *Bothalia* 20: 209–211.
(3) Chadwick & De Winter. 1991. *The Flowering Plants of Africa* 51: t. 2040.

ecirrhosus Cogn. (3)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 150–1065 m. N, NC

lanatus (Thunb.) Matsum. & Nakai
C. vulgaris Eckl. & Zeyh. (2)
Colocynthis citrullus (L.) Kuntze (2)
Momordica lanata Thunb. (2)
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 5–1785 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

naudinianus (Sond.) Hook.f. = **Acanthosicyos naudinianus**

rehmii De Winter
Annual. Herb, prostrate. Length 0.3–2 m. Alt? N

vulgaris Eckl. & Zeyh. = **C. lanatus**

COCCINIA Wight & Arn. 8628000

(1) Meeuse. 1962. *Bothalia* 8: 95–106.
(2) Jeffrey. 1978. *FZ* 4: 442–451.

adoensis (A.Rich.) Cogn.
C. parvifolia Cogn. (2)
C. pubescens (Sond.) Eyles (2)
Momordica adoensis A.Rich. (2)
Perennial. Herb, climber. Ht 0.5–6 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, FS, KZN

hirtella Cogn.
Perennial. Herb, climber. Ht 0.5–3 m. Alt 610–2135 m. M, FS, KZN, L, EC

ovifera Dinter & Gilg = **C. rehmannii**

palmata (Sond.) Cogn.
Cephalandra palmata Sond. (1)
Perennial. Herb, climber. Ht 0.5–9 m. Alt 15–2010 m. LIM, M, S, KZN, EC

parvifolia Cogn. = **C. adoensis**

pubescens (Sond.) Eyles = **C. adoensis**

quinqueloba (Thunb.) Cogn.
Bryonia quinqueloba Thunb. (1)
Cephalandra quinqueloba (Thunb.) Schrad. in the writings of Eckl. & Zeyh. (1)
Perennial. Herb, climber. Ht 1–10 m. Alt 5–1310 m. KZN, EC

rehmannii Cogn.
C. ovifera Dinter & Gilg (2)
C. rehmannii Cogn. var. *littoralis* A.Meeuse (2)

Perennial. Herb, climber. Ht 0.5–5 m. Alt 5–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

rehmannii Cogn. var. *littoralis* A.Meeuse = **C. rehmannii**

schinzii Cogn. = **C. sessilifolia**

sessilifolia (Sond.) Cogn.
Cephalandra sessilifolia Sond. (1)
C. schinzii Cogn. (1)
Perennial. Herb, climber. Ht 0.5–5 m. Alt 315–1800 m. N, B, LIM, NW, G, M, FS, NC

variifolia A.Meeuse
Perennial. Herb, climber. Ht 0.5–5 m. Alt 1100–1480 m. LIM, KZN

COLOCYNTHIS Mill. 8598010

citrullus (L.) Kuntze = **Citrullus lanatus**

naudinianus (Sond.) Kuntze = **Acanthosicyos naudinianus**

CONIANDRA Schrad. ex Eckl. & Zeyh. 8568010

africana (L.) Sond. = **Kedrostis africana**

digitata (Thunb.) Sond. = **Kedrostis africana**

glauca Schrad. in the writings of Eckl. & Zeyh. = **Kedrostis africana**

molle (Kunze) Sond. = **Kedrostis nana** var. **nana**

punctulata Sond. = **Kedrostis africana**

thunbergii Sond. = **Kedrostis nana** var. **nana**

zeyheri Schrad. in the writings of Eckl. & Zeyh. = **Kedrostis nana** var. **zeyheri**

CORALLOCARPUS Hook.f. 8569000

(1) Jeffrey. 1975. *Kew Bulletin* 30: 485–491.

bainesii (Hook.f.) A.Meeuse
C. dinteri Cogn. (1)
C. sphaerocarpus Cogn. (1)
Rhynchocarpa bainesii Hook.f. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt 150–940 m. N, B, LIM, M, S, KZN

boehmii (Cogn.) C.Jeffrey
Kedrostis boehmii Cogn. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt 1000–1100 m. N

dinteri Cogn. = **C. bainesii**

dissectus Cogn.
Perennial. Herb, climber, prostrate. Ht 0.3–0.8 m. Alt 540–915 m. N, NC

gilgianus Cogn. = **C. welwitschii**

schinzii Cogn.
C. subhastatus Cogn. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt 700–1405 m. N, NC

sphaerocarpus Cogn. = **C. bainesii**

subhastatus Cogn. = **C. schinzii**

triangularis Cogn.
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt 300–1530 m. N, B, LIM, G, M, NC

welwitschii (Naudin) Hook.f. ex Welw.
C. gilgianus Cogn. (1)
Rhynchocarpa welwitschii Naudin (1)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt 700–1400 m. N

wildii C.Jeffrey
Perennial. Herb, climber, prostrate. Ht 0.3–0.8 m. Alt 750–1350 m. B

CTENOLEPIS Hook.f. 8564010

(1) Jeffrey. 1978. *FZ* 4: 460–462.

cerasiformis (Stocks) Hook.f.
Blastania cerasiformis (Stocks) A.Meeuse (1)
Zehneria cerasiformis Stocks (1)
Annual. Climber. Ht 0.5–1 m. Alt 210–420 m. B, LIM

CUCUMELLA Chiov. 8599010

(1) Launert & Roessler. 1968. *FSWA* 94: 11, 12.
(2) Kirkbride. 1994. *Brittonia* 46,3: 161–186.

aspera (Cogn.) C.Jeffrey
Cucumis aspera Cogn. (2)
Perennial. Shrublet, herb, climber. Ht 0.3–1 m. Alt 250–1200 m. N

bryoniifolia (Merxm.) C.Jeffrey
Cucumis umbrosus A.Meeuse & Strey (2)
Hymenosicyos bryoniifolius Merxm. (2)
Annual. Herb, climber. Ht 0.2–0.6 m. Alt 700–1310 m. LIM, M

cinerea (Cogn.) C.Jeffrey
Kedrostis cinerea Cogn. (2)
Melothria cinerea (Cogn.) A.Meeuse (1)
Perennial. Shrublet, herb, climber. Ht 0.3–0.8 m. Alt 420–1165 m. N, LIM, NW, M

clavipetiolata J.H.Kirkbr.
Annual. Herb, climber. Ht 0.2–0.5 m. Alt 1900–2330 m. N

CUCUMIS L. 8599000

(1) Kirkbride. 1993. *Biosystematic monograph of the genus* Cucumis *(Cucurbitaceae)*: 1–159.

africanus L.f.
C. hookeri Naudin (1)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 150–2115 m. N, B, LIM, NW, G, M, KZN, NC, WC, EC

africanus L.f. var. *zeyheri* (Sond.) Burtt Davy = **C. zeyheri**

angolensis Hook.f. ex Cogn. = **C. sagittatus**

anguria L. var. **longaculeatus** J.H.Kirkbr.
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 10–1675 m. N, B, LIM, M, S, KZN

aspera Cogn. = **Cucumella aspera**

cogniauxianus Dinter ex Cogn. & Harms = **C. sagittatus**

dinteri Cogn. = **C. sagittatus**

dissectifolius Naudin = **C. myriocarpus** subsp. **myriocarpus**

ficifolius of author, not of A.Rich. = **C. meeusei**

heptadactylus Naudin
Perennial. Herb, prostrate. Length 0.5–1.5 m. Alt 1065–1525 m. NW, FS, NC, EC

hirsutus Sond.
C. sonderi Cogn. (1)
Perennial. Herb, prostrate. Length 0.3–2 m. Alt 15–1830 m. B, LIM, NW, G, M, S, KZN, EC

hookeri Naudin = **C. africanus**

humifructus Stent
Annual. Herb, prostrate. Length 0.5–2.5 m. Alt 800–1050 m. N, LIM, G

kalahariensis A.Meeuse
Perennial. Herb, prostrate. Length 0.5–3 m. Alt ?–1190 m. N, B, NC

leptodermis Schweick. = **C. myriocarpus** subsp. **leptodermis**

maderaspatanus L. = **Mukia maderaspatana**

meeusei C.Jeffrey
C. ficifolius of author, not of A.Rich. (1)
Perennial. Herb, prostrate. Length 0.3–1.2 m. Alt 460–1740 m. N, B, NC

melo L. subsp. **agrestis** (Naudin) Pangalo
C. melo L. var. *agrestis* (Naudin) Pangalo (1)
Annual or perennial. Herb, climber, prostrate. Ht 0.3–1 m. Alt ?–1070 m. LIM, NW, M

melo L. subsp. **melo**
C. melo L. var. *cultus* W.S.Kurz (1)
Annual or perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt ?–1270 m. LIM, G, M

melo L. var. *agrestis* Naudin = **C. melo** subsp. **agrestis**

melo L. var. *cultus* W.S.Kurz = **C. melo** subsp. **melo**

merxmuelleri Suess. = **C. myriocarpus** subsp. **myriocarpus**

metuliferus E.Mey. ex Naudin
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 210–960 m. N, B, LIM, M, S, KZN

myriocarpus Naudin subsp. **leptodermis** (Schweick.) C.Jeffrey & P.Halliday
C. leptodermis Schweick. (1)
Annual. Herb, prostrate. Length 0.1–1 m. Alt 100–2300 m. NW, FS, KZN, L, NC, WC, EC

myriocarpus Naudin subsp. **myriocarpus**
C. dissectifolius Naudin (1)
C. merxmuelleri Suess. (1)
Annual. Herb, prostrate. Length 0.1–2.5 m. Alt 15–1950 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

naudinianus Sond. = **Acanthosicyos naudinianus**

prophetarum L. subsp. *zeyheri* (Sond.) C.Jeffrey = **C. zeyheri**

quintanilhae R.Fern. & A.Fern.
Annual. Herb, prostrate. Length 0.1–0.5 m. Alt 1300–1380 m. LIM

rigidus E.Mey. ex Sond.
Perennial. Shrublet. Ht 0.4–1 m. Alt 190–660 m. N, NC

sagittatus Peyr.
C. angolensis Hook.f. ex Cogn. (1)
C. cogniauxianus Dinter ex Cogn. & Harms (1)
C. dinteri Cogn. (1)
Perennial. Suffrutex, herb, climber, prostrate. Ht 0.3–1.2 m. Alt 700–1400 m. N, NC

sonderi Cogn. = **C. hirsutus**

umbrosus A.Meeuse & Strey = **Cucumella bryoniifolia**

zeyheri Sond.
C. africanus L.f. var. *zeyheri* (Sond.) Burtt Davy (1)
C. prophetarum L. subsp. *zeyheri* (Sond.) C.Jeffrey (1)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 60–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

CUCURBITA L. 8622000

siceraria Molina = **Lagenaria siceraria**

CYCLANTHEROPSIS Harms 8641000

(1) Jeffrey. 1978. *FZ* 4: 497–499.

parviflora (Cogn.) Harms
Gerrardanthus parviflorus Cogn. (1)
Perennial. Herb, climber. Ht 1–5 m. Alt 330–500 m. N

DACTYLIANDRA (Hook.f.) Hook.f. 8563000

(1) Meeuse. 1962. *Bothalia* 8: 10, 11.

luederitziana (Cogn.) Cogn. = **D. welwitschii**

welwitschii Hook.f.
D. luederitziana (Cogn.) Cogn. (1)
Annual. Climber, prostrate. Ht 0.5–1 m. Alt 320–1370 m. N

***DIPLOCYCLOS** (Endl.) Post & Kuntze 8600010

(1) Jeffrey. 1978. *FZ* 4: 451–453.

palmatus (L.) C.Jeffrey
Bryonia palmata L. (1)
Perennial. Herb, climber. Ht 1–5 m. Alt ?–500 m. KZN

GERRARDANTHUS Harv. ex Hook.f. 8555000

(1) Meeuse. 1962. *Bothalia* 8: 8–10.

macrorhizus Harv. ex Hook.f.
G. megarhiza Decne. & Harv. (1)
Perennial. Climber. Ht 0.5–9 m. Alt 5–610 m. S, KZN, EC

megarhiza Decne. & Harv. = **G. macrorhizus**

parviflorus Cogn. = **Cyclantheropsis parviflora**

tomentosus Hook.f.
Perennial. Climber. Ht 0.5–3 m. Alt 100–400 m. KZN

HYMENOSICYOS Chiov. 8599020

bryoniifolius Merxm. = **Cucumella bryoniifolia**

KEDROSTIS Medik. 8568000

(1) Meeuse. 1962. *Bothalia* 8: 24–38.
(2) Jeffrey. 1978. *FZ* 4: 484–487.
(3) Bruyns. 1993. *Bothalia* 23: 233–235.

africana (L.) Cogn.
Bryonia africana L. (1)
Coniandra africana (L.) Sond. (1)
Coniandra digitata (Thunb.) Sond. (1)
Coniandra glauca Schrad. in the writings of Eckl. & Zeyh. (1)
Coniandra punctulata Sond. (1)
K. digitata (Thunb.) Cogn. (1)
K. glauca (Schrad.) Cogn. (1)
K. punctulata (Sond.) Cogn. (1)
Perennial. Herb, climber. Ht 0.3–6 m. Alt 190–2115 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

angulata (P.J.Bergius) Fourc. = **K. nana** var. **nana**

boehmii Cogn. = **Corallocarpus boehmii**

capensis (Sond.) A.Meeuse
Pisosperma capense Sond. (1)
Perennial. Climber, prostrate. Ht 0.2–0.5 m. Alt 10–1830 m. N, FS, L, NC, EC

cinerea Cogn. = **Cucumella cinerea**

crassirostrata Bremek.
Perennial. Herb, climber. Ht 0.5–2.5 m. Alt 1020–1120 m. N, B, LIM, NW, G, NC

digitata (Thunb.) Cogn. = **K. africana**

foetidissima (Jacq.) Cogn.
K. foetidissima (Jacq.) Cogn. subsp. *obtusiloba* (Sond.) A.Meeuse (2)
Trichosanthes foetidissima Jacq. (2)
Perennial. Herb, climber. Ht 0.3–3 m. Alt 30–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

foetidissima (Jacq.) Cogn. subsp. *obtusiloba* (Sond.) A.Meeuse = **K. foetidissima**

glauca (Schrad.) Cogn. = **K. africana**

hirtella (Naudin) Cogn.
K. natalensis (Hook.f.) A.Meeuse (2)
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt 70–1525 m. N, B, NW, G, M, S, KZN, NC, EC

leloja (J.F.Gmel.) C.Jeffrey
Turia leloja J.F.Gmel. (2)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt 180–550 m. LIM, KZN

limpopoensis C.Jeffrey, as '*limpompensis*'
Perennial. Herb, climber, prostrate. Ht 1–6 m. Alt ?–750 m. LIM

mollis (Kunze) Cogn. = **K. nana** var. **nana**

nana (Lam.) Cogn. var. **nana**
Bryonia nana Lam. (1)
Coniandra molle (Kunze) Sond. (1)
Coniandra thunbergii Sond. (1)
K. angulata (P.J.Bergius) Fourc. (1)
K. mollis (Kunze) Cogn. (1)
K. velutina Cogn. (1)
Melothria hederacea (Sond.) Cogn. (1)
Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 5–245 m. WC, EC

nana (Lam.) Cogn. var. **schlechteri** (Cogn.) A.Meeuse
K. schlechteri Cogn. (1)
Perennial. Herb, climber. Ht 0.5–1 m. Alt 60–750 m. WC, EC

nana (Lam.) Cogn. var. **zeyheri** (Schrad.) A.Meeuse
Coniandra zeyheri Schrad. in the writings of Eckl. & Zeyh. (1)
K. zeyheri (Schrad.) Cogn. (1)
Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 15–915 m. KZN, WC, EC

natalensis (Hook.f.) A.Meeuse = **K. hirtella**

psammophylla Bruyns
Perennial. Herb. Ht 0.05–0.15 m. Alt 80–? m. NC, WC

punctulata (Sond.) Cogn. = **K. africana**

schlechteri Cogn. = **K. nana** var. **schlechteri**

velutina Cogn. = **K. nana** var. **nana**

zeyheri (Schrad.) Cogn. = **K. nana** var. **zeyheri**

LAGENARIA Ser. 8610000

(1) Jeffrey. 1978. *FZ* 4: 437–440.

mascarena Naudin = **L. sphaerica**

sagittata Harv. ex Sond. = **Trochomeria sagittata**

siceraria (Molina) Standl.
Cucurbita siceraria Molina (1)
L. vulgaris Ser. (1)
Annual. Herb, climber, prostrate. Ht 1–5 m. Alt 245–1265 m. N, B, LIM, NW, G, S

sphaerica (Sond.) Naudin
L. mascarena Naudin (1)
Luffa sphaerica Sond. (1)
Perennial. Herb, climber, prostrate. Ht 2–10 m. Alt 5–915 m. B, LIM, KZN, WC, EC

vulgaris Ser. = **L. siceraria**

LUFFA Mill. 8594000

caledonica Sond. = **Peponium caledonicum**

sphaerica Sond. = **Lagenaria sphaerica**

MELOTHRIA L. 8562010

acutifolia Cogn. = **Zehneria marlothii**

cinerea (Cogn.) A.Meeuse = **Cucumella cinerea**

cordata (Thunb.) Cogn. = **Zehneria scabra** subsp. **scabra**

hederacea (Sond.) Cogn. = **Kedrostis nana** var. **nana**

maderaspatana (L.) Cogn. = **Mukia maderaspatana**

marlothii Cogn. = **Zehneria marlothii**

parvifolia Cogn. = **Zehneria parvifolia**

punctata Cogn. = **Zehneria scabra** subsp. **scabra**

MOMORDICA L. 8591000

(1) Meeuse. 1959. *The Flowering Plants of Africa* 33: t. 1295.
(2) Meeuse. 1962. *Bothalia* 8: 45–52.
(3) Launert & Roessler. 1968. *FSWA* 94: 19–21.
(4) Jeffrey & Mann. 1978. *FZ* 4: 419–429.

adoensis A.Rich. = **Coccinia adoensis**

balsamina L.
M. involucrata E.Mey. ex Sond. (4)
M. schinzii Cogn. (3)
Perennial. Herb, climber. Ht 0.5–5 m. Alt 5–1465 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

boivinii Baill.
Raphanocarpus boivinii (Baill.) Chiov. (4)
Raphanocarpus tuberosus Dinter (3)
Perennial. Herb, climber, prostrate. Ht 0.5–5 m. Alt 305–1950 m. N, B, LIM, M, S, KZN

cardiospermoides Klotzsch (1)
M. clematidea Sond. (4)
Perennial. Herb, climber. Ht 1–10 m. Alt 120–1100 m. B, LIM, NW, G, M, S, KZN

***charantia** L.
Perennial. Herb, climber, prostrate. Ht 0.5–5 m. Alt 120–750 m. N, M, KZN

clematidea Sond. = **M. cardiospermoides**

cordifolia E.Mey. ex Sond. = **M. foetida**

foetida Schumach.
M. cordifolia E.Mey. ex Sond. (2)
Perennial. Herb, climber. Ht 1–5 m. Alt 275–1700 m. N, LIM, M, S, KZN, EC

humilis (Cogn.) C.Jeffrey
Raphanocarpus humilis Cogn. (3)
Raphanocarpus welwitschii Hook.f. (3)
Annual. Herb, climber. Ht 0.5–3 m. Alt ?–1845 m. N

involucrata E.Mey. ex Sond. = **M. balsamina**

kirkii (Hook.f.) C.Jeffrey
Raphanocarpus kirkii Hook.f. (4)
Perennial. Herb, climber. Ht 0.5–2 m. Alt 100–1005 m. N, B

lanata Thunb. = **Citrullus lanatus**

marlothii Harms = **M. repens**

repens Bremek.
M. marlothii Harms (2)

Perennial. Herb, prostrate. Length 0.5–2 m. Alt 855–1065 m. B, LIM, G

schinzii Cogn. = **M. balsamina**

welwitschii Hook.f.
Annual. Herb, climber Ht 0.3–1 m. Alt? N

MUKIA Arn. 8562000

(1) Jeffrey. 1978. *FZ* 4: 475–477.

maderaspatana (L.) M.Roem.
Cucumis maderaspatanus L. (1)
Melothria maderaspatana (L.) Cogn. (1)
M. scabrella (L.) Arn. (1)
Annual. Climber, prostrate. Ht 0.5–1 m. Alt 45–1220 m. LIM, M, S, KZN

scabrella (L.) Arn. = **M. maderaspatana**

OREOSYCE Hook.f. 8560000

(1) Jeffrey. 1978. *FZ* 4: 470–472.

africana Hook.f.
O. subsericea (Hook.f.) A.Meeuse (1)
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt ?–800 m. B, LIM

subsericea (Hook.f.) A.Meeuse = **O. africana**

PEPONIA Naudin 8612010

caledonica (Sond.) Cogn. = **Peponium caledonicum**

mackenii Naudin = **Peponium mackenii**

PEPONIUM Engl. 8612000

(1) Meeuse. 1962. *Bothalia* 8: 91–95.

caledonicum (Sond.) Engl.
Luffa caledonica Sond. (1)
Peponia caledonica (Sond.) Cogn. (1)
Perennial. Herb, climber. Ht 1–5 m. Alt 790–1980 m. LIM, NW, G, M, FS, L, NC, EC

mackenii (Naudin) Engl.
Peponia mackenii Naudin (1)
Perennial. Herb, climber. Ht 1–10 m. Alt 5–550 m. KZN, EC

PISOSPERMA Sond. 8566000

capense Sond. = **Kedrostis capensis**

RAPHANOCARPUS Hook.f. 8593000

boivinii (Baill.) Chiov. = **Momordica boivinii**

humilis Cogn. = **Momordica humilis**

kirkii Hook.f. = **Momordica kirkii**

tuberosus Dinter = **Momordica boivinii**

welwitschii Hook.f. = **Momordica humilis**

RHYNCHOCARPA Schrad. ex Endl. 8568020

bainesii Hook.f. = **Corallocarpus bainesii**

welwitschii Naudin = **Corallocarpus welwitschii**

TRICHOSANTHES L. 8615000

foetidissima Jacq. = **Kedrostis foetidissima**

TROCHOMERIA Hook.f. 8608000

(1) Meeuse. 1954. *The Flowering Plants of Africa* 30: t. 1168.
(2) Meeuse. 1962. *Bothalia* 8: 85–91.
(3) Fernandes & Fernandes. 1970. *Conspectus florae angolensis* 4: 285.

debilis (Sond.) Hook.f.
Zehneria debilis Sond. (2)
Zehneria wyleana Sond. (2)
Perennial. Herb, climber, prostrate. Ht 0.3–1 m. Alt 460–1850 m. N, B, LIM, NW, G, M, NC

hookeri Harv.
T. rotundata Burtt Davy (2)
Zehneria garcini of author, not of (L.) Stocks (2)
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt 30–1950 m. LIM, M, S, KZN, EC

macrocarpa (Sond.) Hook.f. subsp. **macrocarpa** (1)
T. nudiflora Burtt Davy (2)
Zehneria macrocarpa Sond. (2)
Perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt 610–1525 m. B, LIM, NW, G, M, S, KZN

macrocarpa (Sond.) Hook.f. subsp. **vitifolia** (Hook.f.) R.Fern. & A.Fern.
T. vitifolia Hook.f. (3)
Perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt 915–? m. N

nudiflora Burtt Davy = **T. macrocarpa** subsp. **macrocarpa**

rotundata Burtt Davy = **T. hookeri**

sagittata (Harv. ex Sond.) Cogn.
Lagenaria sagittata Harv. ex Sond. (2)
Perennial. Herb, climber, prostrate. Ht 0.3–0.5 m. Alt 45–1525 m. M, S, KZN, EC

vitifolia Hook.f. = **T. macrocarpa** subsp. **vitifolia**

TURIA Forssk. ex J.F.Gmel. 8594010

leloja J.F.Gmel. = **Kedrostis leloja**

ZEHNERIA Endl. 8564000

(1) Jeffrey. 1978. *FZ* 4: 477–483.

cerasiformis Stocks = **Ctenolepis cerasiformis**

debilis Sond. = **Trochomeria debilis**

garcini of author, not of (L.) Stocks = **Trochomeria hookeri**

macrocarpa Sond. = **Trochomeria macrocarpa** subsp. **macrocarpa**

marlothii (Cogn.) R.& A.Fern.
Melothria acutifolia Cogn. (1)
Melothria marlothii Cogn. (1)
Annual. Climber. Ht 0.5–3 m. Alt 410–855 m. N, B, LIM, NW, G

parvifolia (Cogn.) J.H.Ross
Melothria parvifolia Cogn. (1)
Perennial. Climber. Ht 0.5–1.5 m. Alt 5–155 m. KZN

scabra (L.f.) Sond. subsp. **scabra**
Bryonia scabra L.f. (1)
Melothria cordata (Thunb.) Cogn. (1)
Melothria punctata Cogn. (1)
Perennial. Herb, climber. Ht 0.5–3 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, WC, EC

wyleana Sond. = **Trochomeria debilis**

CUNONIACEAE

Compiled by M. Jordaan

CUNONIA L. 3275000

(1) Harvey. 1862. *FC* 2: 306, 307.
(2) Pooley. 1993. *Trees of Natal*: 112.

capensis L.
Perennial. Tree. Ht 2.5–30 m. Alt 30–1525 m. KZN, WC, EC

PLATYLOPHUS D.Don 3269000

(1) Harvey. 1862. *FC* 2: 307.

trifoliatus (L.f.) D.Don
Weinmannia trifoliata L.f. (1)
Perennial. Tree. Ht 3–30 m. Alt 45–765 m. WC, EC

WEINMANNIA L. 3276000

trifoliata L.f. = **Platylophus trifoliatus**

CYTINACEAE

Compiled by S.J. Smithies

CYTINUS L., name conserved 2180000

(1) Hill. 1901. *FC* 5,1: 485–487.
(2) Hiern. 1904. *FC* 4,2: 417.
(3) Marloth. 1913. *Flora of South Africa* 1: 174–176, t. 43, as Rafflesiaceae (Cytineae).
(4) Oliver. 1967. *The Flowering Plants of Africa* 38: t. 1486, as Rafflesiaceae.
(5) Visser. 1981. *South African parasitic flowering plants*: 56–63, as Rafflesiaceae.
(6) Jordaan. 2000. In Leistner, *Seed plants of southern Africa*: 462, as Rafflesiaceae.
(7) Nickrent. 1997–2000. *The Parasitic Plant Connection*, Cytinaceae. South Illinois University, Carbondale, College of Science. URL: http://www.science.siu.edu/parasitic-plants/Cytinaceae.html (as accessed on 22 October 2002).

Note: usually only the flowers of *Cytinus* project above ground, so some of the heights given here probably include the underground stems as well.

capensis Marloth
Perennial. Herb, parasite, succulent. Ht 0.03–0.12 m. Alt ± 5–? m. WC, EC?

dioicus Juss. = **C. sanguineus**

sanguineus (Thunb.) Fourc.
Aphyteia multiceps Burch. (1)
C. dioicus Juss. (4)
Hyobanche sanguinea of author, not of L.: Thunb. (1784) (2, 4)
Hypolepis sanguinea (Thunb.) Pers. (1, 4)
Phelypea sanguinea Thunb., as '*Phelypaea*' (1, 4)
Perennial. Herb, parasite, succulent. Ht 0.03–0.15 m. Alt 45–1065 m. NC, WC, EC

HYPOLEPIS Pers. 2180010

sanguinea (Thunb.) Pers. = **Cytinus sanguineus**

PHELYPEA Thunb., as '*Phelypaea*', not of Tourn. ex L. 2180020

Note: as '*Phelypea*' in De Dalla Torre & Harms (1958) and *Index Kewensis* (1997)

sanguinea Thunb. = **Cytinus sanguineus**

DICHAPETALACEAE

Compiled by R.H. Archer

DICHAPETALUM Thouars 4283000

(1) Breteler. 1978. *Mededelingen Landbouwhogeschool Wageningen* 78-10: 1–84.
(2) Breteler. 1982. *Mededelingen Landbouwhogeschool Wageningen* 82-8: 1–92.

bullockii Hauman = **D. cymosum**

cymosum (Hook.) Engl.
D. bullockii Hauman (1)
D. venenatum Engl. & Gilg (1)
Perennial. Dwarf shrub, rhizomatous. Ht 0.04–0.5 m. Alt 850–1980 m. N, B, LIM, NW, G, M, KZN

rhodesicum Sprague & Hutch.
Perennial. Shrub. Ht 0.5–1.2 m. Alt ± 1000 m. N, B

venenatum Engl. & Gilg = **D. cymosum**

TAPURA Aubl. 4285000

(1) Torre. 1963. *FZ* 2: 319–328.
(2) Breteler. 1987. *Agricultural University Wageningen Papers* 86-3: 1–74.

fischeri Engl.
T. fischeri Engl. var. *pubescens* Verdc. & Torre (2)
Perennial. Tree, shrub. Ht 1.5–21 m. Alt 15–1300 m. KZN

fischeri Engl. var. *pubescens* Verdc. & Torre = **T. fischeri**

DIPSACACEAE

Compiled by W.G. Welman

CEPHALARIA Schrad. 8541000

(1) Compton. 1967. *Journal of South African Botany* 33: 298, 299.
(2) Napper. 1968. *Kew Bulletin* 21: 463–470.
(3) Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 366, 367.

armerioides Szabó
Perennial. Herb. Ht 0.3–0.6 m. Alt 1300–1830 m. LIM, M

attenuata (L.f.) Roem. & Schult.
C. lavendulacea Sond. (2)
Scabiosa attenuata L.f. (2)
Perennial. Herb. Ht 0.4–0.75 m. Alt 215–1525 m. WC, EC

attenuata (L.f.) Roem. & Schult. var. *oblongifolia* Kuntze = **C. oblongifolia**

decurrens (Thunb.) Roem. & Schult.
C. ustulata (Thunb.) Roem. & Schult. (2)
Scabiosa decurrens Thunb. (2)
Perennial. Herb. Ht 0.3–0.8 m. Alt? WC

foliosa Compton
Perennial. Herb. Ht 0.5–1.5 m. Alt 1335–1700 m. S, KZN

galpiniana Szabó subsp. **galpiniana**
Perennial. Herb. Ht 0.1–0.4 m. Alt 2670–3070 m. L, EC

galpiniana Szabó subsp. **simplicior** B.L.Burtt
Perennial. Herb. Ht 0.15–0.65 m. Alt 2060–2750 m. KZN, L, EC

humilis (Thunb.) Roem. & Schult.
Scabiosa humilis Thunb. (2)
Perennial. Herb. Ht 0.5–2 m. Alt 170–2100 m. KZN, WC, EC

lavendulacea Sond. = **C. attenuata**

natalensis Kuntze
Perennial. Herb. Ht 0.4–2.6 m. Alt 1525–2135 m. M, FS, KZN, L, EC

oblongifolia (Kuntze) Szabó
C. attenuata (L.f.) Roem. & Schult. var. *oblongifolia* Kuntze (2)
Perennial. Herb. Ht 0.3–1.5 m. Alt 8–2335 m. S, FS, KZN, EC

petiolata Compton
Perennial. Herb. Ht 0.6–1 m. Alt 1170–1500 m. S

pungens Szabó
Perennial. Herb. Ht 0.4–1.5 m. Alt 10–2455 m. LIM, G, M, S, FS, KZN, EC

rigida (L.) Roem. & Schult.
Scabiosa rigida L. (2)
Perennial. Herb. Ht 0.6–1 m. Alt 380–1400 m. WC

scabra (L.f.) Roem. & Schult.
Scabiosa scabra L.f. (2)
Perennial. Herb. Ht 0.3–1 m. Alt? WC

ustulata (Thunb.) Roem. & Schult. = **C. decurrens**

wilmsiana Szabó
Perennial. Herb. Ht? Alt? M, KZN

zeyheriana Szabó
Perennial. Herb. Ht 0.15–1.5 m. Alt 760–2200 m. LIM, NW, G, M, S, FS, KZN, L

SCABIOSA L. 8546000

(1) Sonder. 1865. *FC* 3: 43, 44.
(2) Bolus. 1918. *Annals of the Bolus Herbarium* 2: 96, 97.
(3) Moore. 1918. *Journal of Botany, British and Foreign* 56: 6.
(4) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 835.
(5) Hutchinson. 1946. *A botanist in southern Africa*: 250.
(6) Cannon & Cannon. 1983. *FZ* 7,1: 77–85.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 420.

africana L.
Perennial. Herb. Ht 0.4–1 m. Alt 270–700 m. WC

albanensis R.A.Dyer (4)
Perennial. Herb. Ht 0.1–0.6 m. Alt 15–1670 m. WC, EC

angustiloba (Sond.) Hutch.
S. buekiana Eckl. & Zeyh. var. *angustiloba* Sond. (6)
Perennial. Herb. Ht 0.15–0.45 m. Alt 15–700 m. EC

anthemifolia Eckl. & Zeyh. = **S. columbaria**

attenuata L.f. = **Cephalaria attenuata**

austro-africana Heine = **S. columbaria**

buekiana Eckl. & Zeyh.
Perennial. Herb. Ht 0.2–0.6 m. Alt 6–400 m. EC

buekiana Eckl. & Zeyh. var. *angustiloba* Sond. = **S. angustiloba**

columbaria L.
S. *anthemifolia* Eckl. & Zeyh. (1)
S. *austro-africana* Heine (6)
Perennial. Herb. Ht 0.1–1.55 m. Alt 5–3475 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

decurrens Thunb. = **Cephalaria decurrens**

drakensbergensis B.L.Burtt
Perennial. Herb. Ht 0.75–1.8 m. Alt 1500–2000 m. LIM, FS, KZN

humilis Thunb. = **Cephalaria humilis**

incisa Mill.
Perennial. Herb. Ht 0.25–0.45 m. Alt 6–200 m. WC

rigida L. = **Cephalaria rigida**

scabra L.f. = **Cephalaria scabra**

transvaalensis S.Moore
Perennial. Herb. Ht 0.75–2 m. Alt 1385–1870 m. M

tysonii L.Bolus
Perennial. Herb. Ht 0.3–1 m. Alt 50–1730 m. KZN, EC

DROSERACEAE

Compiled by T. Nkonki

ALDROVANDA L. 3134000

(1) Obermeyer. 1970. *FSA* 13: 187–189.

vesiculosa L.
Perennial. Herb, hydrophyte, carnivore. Ht? Alt 915–1030 m. B

DROSERA L. 3136000

(1) Sonder. 1860. *FC* 1: 75–78.
(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 243.
(3) Roessler. 1966. *FSWA* 45: 1.
(4) Obermeyer. 1970. *FSA* 13: 189–201.
(5) Obermeyer & Nicholas. 1984. *The Flowering Plants of Africa* 48: t. 1886.
(6) Cheek. 1987. *Kew Bulletin* 42: 738.
(7) Debbert. 1987. *Mitteilungen der Botanischen Staatssammlung München* 23: 431–436.
(8) Bennett & Cheek. 1990. *Kew Bulletin* 45: 375–381.

acaulis in sense of Raym.-Hamet, misapplied name = **D. pauciflora**

acaulis L.f.
D. acaulis Thunb., not of L.f. (4)
D. pauciflora Banks ex DC. var. *acaulis* (Thunb.) Sond. (4)
Perennial. Herb, carnivore. Ht 0.01–0.02 m. Alt ?–2100 m. WC

acaulis Thunb., not of L.f. = **D. acaulis**

admirabilis Debbert
Perennial. Herb, carnivore. Ht? Alt? WC

alba E.Phillips
Perennial. Herb, carnivore. Ht 0.08–0.13 m. Alt 565–800 m. WC

aliciae Raym.-Hamet
D. curviscapa Salter (4)
D. curviscapa Salter var. *esterhuyseniae* Salter (4)
Perennial. Herb, carnivore. Ht 0.15–0.4 m. Alt 30–2000 m. WC, EC

burkeana Planch.
Perennial. Herb, carnivore. Ht 0.1–0.23 m. Alt 870–1494 m. LIM, NW, G, M, S, FS, L, EC

capensis L.
Perennial. Herb, carnivore. Ht 0.1–0.45 m. Alt 15–900 m. WC, EC

cistiflora L.
D. helianthemum Planch. (4)
D. pauciflora Banks ex DC. var. *minor* Sond. (4)
D. speciosa C.Presl (4)
D. zeyheri Salter (4)
Perennial. Herb, carnivore. Ht 0.1–0.4 m. Alt 20–1250 m. WC, EC

collinsiae N.E.Br. ex Burtt Davy
Perennial. Herb, carnivore. Ht 0.2–0.5 m. Alt 60–2200 m. NW, G, M, FS, L, WC

cuneifolia L.f.
D. cuneifolia Thunb., not of L.f. (4)
D. cuneifolia Thunb., not of L.f., var. β Thunb. (4)
Perennial. Herb, carnivore. Ht 0.15–0.3 m. Alt ?–915 m. WC

cuneifolia L.f. var. α Thunb. = **D. trinervia**

cuneifolia L.f. var. γ Thunb. = **D. trinervia**

cuneifolia Thunb., not of L.f. = **D. cuneifolia**

cuneifolia Thunb., not of L.f., var. β Thunb. = **D. cuneifolia**

curvipes Planch. = **D. madagascariensis**

curviscapa Salter = **D. aliciae**

curviscapa Salter var. *esterhuyseniae* Salter = **D. aliciae**

dielsiana Exell & J.R.Laundon
Perennial. Herb, carnivore. Ht 0.01–0.25 m. Alt 915–2180 m. LIM, G, M, S, FS, KZN

glabripes (Harv.) Stein
D. ramentacea Burch. ex DC. var. *glabripes* Harv. ex Planch. (4)
D. ramentacea in sense of Diels, misapplied name (4)
Perennial. Herb, carnivore. Ht 0.1–0.3 m. Alt 105–1370 m. WC

grandiflora Bartl. = **D. pauciflora**

helianthemum Planch. = **D. cistiflora**

hilaris Cham. & Schltdl.
Perennial. Herb, carnivore. Ht 0.2–0.5 m. Alt 75–915 m. WC

indica L.
Annual. Herb, carnivore. Ht 0.03–0.6 m. Alt? N, LIM, M

madagascariensis DC.
D. curvipes Planch. (4)
D. madagascariensis DC. var. *major* Burtt Davy (4)
D. ramentacea Burch. ex DC. var. *curvipes* (Planch.) Sond. (4)
D. ramentacea in sense of Oliv., misapplied name (4)
Perennial. Herb, carnivore. Ht 0.2–0.25 m. Alt 45–1550 m. B, LIM, NW, G, M, S, FS, KZN, WC, EC

madagascariensis DC. var. *major* Burtt Davy = **D. madagascariensis**

natalensis Diels
Perennial. Herb, carnivore. Ht 0.1–1 m. Alt 1–2450 m. LIM, M, KZN, L, EC

pauciflora Banks ex DC.
D. acaulis in sense of Raym.-Hamet, misapplied name (4)
D. grandiflora Bartl. (4)
Perennial. Herb, carnivore. Ht 0.05–0.25 m. Alt 61–1050 m. WC

pauciflora Banks ex DC. var. *acaulis* (Thunb.) Sond. = **D. acaulis**

pauciflora Banks ex DC. var. *minor* Sond. = **D. cistiflora**

ramentacea Burch. ex DC.
D. ramentacea Burch. ex DC. var. *burchelliana* Sond. (1)
Perennial. Herb, carnivore. Ht 0.2–0.4 m. Alt 460–1585 m. WC

ramentacea Burch. ex DC. var. *burchelliana* Sond. = **D. ramentacea**

ramentacea Burch. ex DC. var. *curvipes* (Planch.) Sond. = **D. madagascariensis**

ramentacea Burch. ex DC. var. *glabripes* Harv. ex Planch. = **D. glabripes**

ramentacea in sense of Diels, misapplied name = **D. glabripes**

ramentacea in sense of Oliv., misapplied name = **D. madagascariensis**

regia Stephens
Perennial. Herb, carnivore. Ht 0.1–0.4 m. Alt ?–915 m. WC

roridula Thunb. = **Roridula dentata**

slackii Cheek
Perennial. Herb. Ht? Alt 500–700 m. WC

speciosa C.Presl = **D. cistiflora**

trinervia Spreng.
D. cuneifolia L.f. var. α Thunb. (4)
D. cuneifolia L.f. var. γ Thunb. (4)
Perennial. Herb, carnivore. Ht 0.05–0.1 m. Alt 15–2200 m. KZN, L, WC

zeyheri Salter = **D. cistiflora**

EBENACEAE

Compiled by M. Jordaan

DIOSPYROS L. 6406000

(1) De Winter. 1958. *The Flowering Plants of Africa* 32: t. 1262.
(2) De Winter. 1963. *FSA* 26: 54–80.
(3) White & Caveney. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 393–397.
(4) White. 1983. *FZ* 7,1: 251–288.
(5) White. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 325–448.
(6) White & Verdcourt. 1996. *FTEA* Ebenaceae: 2–43.
(7) Coates Palgrave 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 895–912.

acocksii (De Winter) De Winter
Royena acocksii De Winter (2)
Perennial. Shrub. Ht 0.9–5 m. Alt 60–1880 m. N, NC

austro-africana De Winter var. **austro-africana**
Royena hirsuta L. (2)
Perennial. Shrub. Ht 0.6–3 m. Alt 80–1750 m. NC, WC

austro-africana De Winter var. **microphylla** (Burch.) De Winter
Royena microphylla Burch. (2)
Perennial. Shrub. Ht 0.02–3 m. Alt 490–2425 m. NW, G, M, FS, KZN, L, NC, WC, EC

austro-africana De Winter var. **rubriflora** (De Winter) De Winter
Royena hirsuta L. var. *rubriflora* De Winter (2)
Perennial. Shrub. Ht 0.4–3 m. Alt 360–2440 m. FS, KZN, L, EC

austro-africana De Winter var. **rugosa** (E.Mey. ex A.DC.) De Winter
Royena rugosa E.Mey. ex A.DC. (2)
Perennial. Shrub. Ht 0.8–3 m. Alt 60–1370 m. WC

batocana Hiern
D. odorata Hiern ex Greves (4)
D. odorata Hiern ex Greves var. *rhodesiana* Rendle (4)
D. xanthocarpa Gürke (4)
Perennial. Tree. Ht 3–12 m. Alt 900–1525 m. N, B

bicolor Klotzsch = **D. mespiliformis**

chamaethamnus Dinter ex Mildbr.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–1000 m. N, B

dawei (Hutch.) Brenan = **D. natalensis**

dichrophylla (Gand.) De Winter
Royena dichrophylla Gand. (2)
Perennial. Tree or shrub. Ht 1–13 m. Alt 10–1500 m. LIM, S, KZN, WC, EC

galpinii (Hiern) De Winter
Royena galpinii Hiern (2)
Perennial. Dwarf shrub or occ. shrub. Ht 0.6–1.3 m. Alt 30–1525 m. M, S, KZN

glabra (L.) De Winter
Royena glabra L. (2)
Perennial. Shrub. Ht 0.6–2.5 m. Alt 500–2700 m. NC, WC

glandulifera De Winter
Royena glandulosa Harv. ex Hiern (2)
Perennial. Shrub. Ht 1–3 m. Alt 120–1130 m. KZN

holtzii Gürke = **D. mespiliformis**

inhacaensis F.White
Perennial. Tree or shrub. Ht 3–12 m. Alt 10–120 m. KZN

loureiriana G.Don subsp. **loureiriana**
Perennial. Tree or shrub. Ht 2–6 m. Alt 0–300 m. M

lycioides Desf. subsp. **guerkei** (Kuntze) De Winter
Royena guerkei Kuntze (2)
Royena lycioides (Desf.) A.DC. subsp. *guerkei* (Kuntze) De Winter (2)
Perennial. Tree or shrub. Ht 1–5 m. Alt 12–2140 m. LIM, NW, G, M, S, KZN

lycioides Desf. subsp. **lycioides**
Royena lycioides (Desf.) A.DC. (2)
Perennial. Shrub. Ht 0.6–7 m. Alt 30–2700 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

lycioides Desf. subsp. **nitens** (Harv. ex Hiern) De Winter
Royena lycioides (Desf.) A.DC. subsp. *nitens* (Harv. ex Hiern) De Winter (2)
Royena nitens Harv. ex Hiern (2)
Perennial. Shrub. Ht up to 1.5 m. Alt 90–1530 m. LIM, M, KZN

lycioides Desf. subsp. **sericea** (Bernh.) De Winter
Royena lycioides (Desf.) A.DC. subsp. *sericea* (Bernh.) De Winter (2)
Royena sericea Bernh. (2)
Perennial. Tree or shrub. Ht 1–6 m. Alt 30–1970 m. N, B, LIM, M, S, KZN, EC

mespiliformis Hochst. ex A.DC.
D. bicolor Klotzsch (2)
D. holtzii Gürke (6)
D. sabiensis Hiern (2)
D. senegalensis Perr. ex DC. (6)
Perennial. Tree. Ht 2–25 m. Alt 210–1300 m. N, B, LIM, M, S

natalensis (Harv.) Brenan
D. dawei (Hutch.) Brenan (2)
D. nyasae Brenan (5)
Maba dawei Hutch. (5)
Maba natalensis Harv. (5)
Perennial. Tree or shrub. Ht 1–25 m. Alt 5–300 m. KZN, EC

natalensis (Harv.) Brenan subsp. *nummularia* (Brenan) F.White, illegitimate name = **D. nummularia**

nummularia Brenan
D. natalensis (Harv.) Brenan subsp. *nummularia* (Brenan) F.White, illegitimate name (7)
Perennial. Tree or shrub. Ht 1–5 m. Alt 300–1600 m. M, S

nyasae Brenan = **D. natalensis**

odorata Hiern ex Greves = **D. batocana**

odorata Hiern ex Greves var. *rhodesiana* Rendle = **D. batocana**

pallens (Thunb.) F.White
Royena pallens Thunb. (2)
Perennial. Shrub. Ht 1–2.5 m. Alt 15–1120 m. WC, EC

pseudebenus (E.Mey. ex A.DC.) Parm. = **Euclea pseudebenus**

ramulosa (E.Mey. ex A.DC.) De Winter
Royena ramulosa E.Mey. ex A.DC. (2)
Perennial. Shrub. Ht 1–5 m. Alt 90–1065 m. N, NC, WC, EC

rotundifolia Hiern
Perennial. Tree. Ht 4–9 m. Alt 15–35 m. KZN

sabiensis Hiern = **D. mespiliformis**

scabrida (Harv. ex Hiern) De Winter var. **cordata** (E.Mey. ex A.DC.) De Winter
Royena cordata E.Mey. ex A.DC. (2)
Perennial. Shrub. Ht 0.3–3 m. Alt 150–1675 m. EC

scabrida (Harv. ex Hiern) De Winter var. **scabrida**
Royena scabrida Harv. ex Hiern (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 30–300 m. KZN, EC

senegalensis Perr. ex DC. = **D. mespiliformis**

simii (Kuntze) De Winter
Royena simii Kuntze (2)
Perennial. Shrub or climber. Ht 1–7 m. Alt 15–1465 m. KZN, EC

villosa (L.) De Winter var. **parvifolia** (De Winter) De Winter
Royena villosa L. var. *parvifolia* De Winter (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 300–1400 m. LIM, M, KZN

villosa (L.) De Winter var. **villosa**
Royena villosa L. (2)
Perennial. Shrub or climber. Ht 1–14 m. Alt 15–765 m. KZN, EC

virgata (Gürke) Brenan
Maba fragrans Hiern ex Greves (4)
Maba virgata Gürke (2)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt? N

whyteana (Hiern) F.White
Royena lucida L. (2)
Royena lucida L. var. *whyteana* (Hiern) De Winter & Brenan (4)
Royena whyteana Hiern (2)
Perennial. Shrub or tree. Ht 0.5–6 m. Alt 15–2225 m. LIM, NW, G, M, S, FS, KZN, WC, EC

xanthocarpa Gürke = **D. batocana**

EMBELIA Burm.f. 6310000

oleifolia S.Moore = **Euclea divinorum**

EUCLEA Murray 6404000

(1) De Winter. 1963. *FSA* 26: 80–99.
(2) White & Caveney. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 397–399.
(3) White. 1983. *FZ* 7,1: 288–300.
(4) Retief. 1986. *Bothalia* 16: 228, 229.
(5) White & Verdcourt. 1996. *FTEA* Ebenaceae: 43–49.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 24, 25.
(7) Coates Palgrave 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–894.

acutifolia E.Mey. ex A.DC.
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 60–800 m. WC

angustifolia Benth. = **E. pseudebenus**

asperrima Friedr.-Holzh.
Perennial. Shrub. Ht up to 2 m. Alt? N

bakerana Brenan = **E. crispa** subsp. **crispa**

baumii Gürke = **E. crispa** subsp. **crispa**

bilocularis Hiern = **E. schimperi** var. **schimperi**

coriacea A.DC.
Perennial. Tree or shrub. Ht 1–3 m. Alt 1000–2440 m. FS, KZN, L, EC

crispa (Thunb.) Gürke subsp. **crispa**
E. bakerana Brenan (6)
E. baumii Gürke (6)
E. dekindtii Gürke (6)
E. lanceolata E.Mey. ex A.DC. (1)
Gymnosporia ferruginea Baker (6)
Perennial. Tree or shrub. Ht 1–9 m. Alt 45–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

crispa (Thunb.) Gürke subsp. **ovata** (Burch.) F.White
Perennial. Tree or shrub. Ht 1–6 m. Alt 570–1670 m. NW, FS, NC, WC, EC

daphnoides Hiern
E. schimperi (A.DC.) Dandy var. *daphnoides* (Hiern) De Winter (7)
Perennial. Tree or shrub. Ht 2.5–8 m. Alt 60–1220 m. LIM, M, S, KZN, EC

dekindtii Gürke = **E. crispa** subsp. **crispa**

dewinteri Retief
Perennial. Shrub. Ht 1–2 m. Alt? M

divinorum Hiern
E. huilensis Gürke (1)
E. katangensis De Wild. (1)
E. kivuensis Gürke (5)
Embelia oleifolia S.Moore (1)
Perennial. Tree or shrub. Ht 2–6 m. Alt 30–1840 m. N, B, LIM, M, S, KZN

eylesii Hiern = **E. linearis**

fructuosa Hiern = **E. natalensis** subsp. **obovata**

huilensis Gürke = **E. divinorum**

katangensis De Wild. = **E. divinorum**

kellau Hochst. = **E. schimperi**

kivuensis Gürke = **E. divinorum**

lancea Thunb.
Perennial. Shrub. Ht 1–3 m. Alt 500–1370 m. NC, WC

lanceolata E.Mey. ex A.DC. = **E. crispa** subsp. **crispa**

linearis Zeyh. ex Hiern
E. eylesii Hiern (2)
Perennial. Tree or shrub. Ht 0.3–6 m. Alt 90–1640 m. LIM, M, NC, WC

macrophylla E.Mey. ex A.DC. = **E. racemosa** subsp. **macrophylla**

multiflora Hiern = **E. natalensis** subsp. **natalensis**

myrtina Burch. = **E. undulata**

natalensis A.DC. subsp. **angustifolia** F.White
Perennial. Tree or shrub. Ht 2–5 m. Alt 300–900 m. B, LIM, NW, M

natalensis A.DC. subsp. **capensis** F.White
E. tomentosa E.Mey. ex A.DC. × *E. natalensis* A.DC. (2)
Perennial. Tree or shrub. Ht 2–4 m. Alt? NC, WC

natalensis A.DC. subsp. **magutensis** F.White
Perennial. Tree or shrub. Ht 2–4 m. Alt 300–700 m. KZN

natalensis A.DC. subsp. **natalensis**
E. multiflora Hiern (3)
Perennial. Tree or shrub. Ht 2–4 m. Alt 15–300 m. M, S, KZN, EC

natalensis A.DC. subsp. **obovata** F.White
E. fructuosa Hiern (3)
Perennial. Tree or shrub. Ht 2–7 m. Alt 0–300 m. KZN, EC

natalensis A.DC. subsp. **rotundifolia** F.White
Perennial. Tree or shrub. Ht 3–6 m. Alt 0–100 m. KZN

polyandra (L.f.) E.Mey. ex Hiern
Royena polyandra L.f. (1)
Perennial. Shrub or dwarf shrub. Ht 0.3–2.5 m. Alt 2–2440 m. WC, EC

pseudebenus E.Mey. ex A.DC.
Diospyros pseudebenus (E.Mey. ex A.DC.) Parm. (1)
E. angustifolia Benth. (1)
Perennial. Tree or shrub. Ht 3–9 m. Alt 6–1300 m. N, NC

racemosa Murray subsp. **bernardii** F.White
Perennial. Tree or shrub. Ht 0.5–3 m. Alt 0–100 m. WC

racemosa Murray subsp. **macrophylla** (E.Mey. ex A.DC.) F.White
E. macrophylla E.Mey. ex A.DC. (3)
Perennial. Tree or shrub. Ht 0.5–3 m. Alt 0–100 m. KZN, WC, EC

racemosa Murray subsp. **racemosa**
Perennial. Tree or shrub. Ht 0.3–5 m. Alt 5–650 m. NC, WC

racemosa Murray subsp. *schimperi* (A.DC.) F.White = **E. schimperi**

racemosa Murray subsp. **sinuata** F.White
Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN

schimperi (A.DC.) Dandy
E. bilocularis Hiern (1)
E. kellau Hochst. (1)
E. racemosa Murray subsp. *schimperi* (A.DC.) F.White (7)
E. urijiensis Hiern (1)
Kellaua schimperi A.DC. (1)
Perennial. Tree or shrub. Ht 1–10 m. Alt 2–300 m. N, LIM

schimperi (A.DC.) Dandy var. *daphnoides* (Hiern) De Winter = **E. daphnoides**

tomentosa E.Mey. ex A.DC.
Perennial. Shrub. Ht 0.6–1.5 m. Alt 90–820 m. NC, WC

tomentosa E.Mey. ex A.DC. × *E. natalensis* A.DC. = **E. natalensis** subsp. **capensis**

undulata Thunb.
E. myrtina Burch. (3)
E. undulata Thunb. var. *myrtina* (Burch.) Hiern (3)
Perennial. Tree or shrub. Ht 0.5–7 m. Alt 6–1300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

undulata Thunb. var. *myrtina* (Burch.) Hiern = **E. undulata**

urijiensis Hiern = **E. schimperi**

KELLAUA A.DC. 6404010

schimperi A.DC. = **Euclea schimperii**

MABA J.R.Forst. & G.Forst. 6405000

dawei Hutch. = **Diospyros natalensis**

fragrans Hiern ex Greves = **Diospyros virgata**

natalensis Harv. = **Diospyros natalensis**

virgata Gürke = **Diospyros virgata**

ROYENA L. 6403000

acocksii De Winter = **Diospyros acocksii**

cordata E.Mey. ex A.DC. = **Diospyros scabrida** var. **cordata**

dichrophylla Gand. = **Diospyros dichrophylla**

galpinii Hiern = **Diospyros galpinii**

glabra L. = **Diospyros glabra**

glandulosa Harv. ex Hiern = **Diospyros glandulifera**

guerkei Kuntze = **Diospyros lycioides** subsp. **guerkei**

hirsuta L. = **Diospyros austro-africana** var. **austro-africana**

hirsuta L. var. *rubriflora* De Winter = **Diospyros austro-africana** var. **rubriflora**

lucida L. = **Diospyros whyteana**

lucida L. var. *whyteana* (Hiern) De Winter & Brenan = **Diospyros whyteana**

lycioides (Desf.) A.DC. = **Diospyros lycioides** subsp. **lycioides**

lycioides (Desf.) A.DC. subsp. *guerkei* (Kuntze) De Winter = **Diospyros lycioides** subsp. **guerkei**

lycioides (Desf.) A.DC. subsp. *nitens* (Harv. ex Hiern) De Winter = **Diospyros lycioides** subsp. **nitens**

lycioides (Desf.) A.DC. subsp. *sericea* (Bernh.) De Winter = **Diospyros lycioides** subsp. **sericea**

microphylla Burch. = **Diospyros austro-africana** var. **microphylla**

nitens Harv. ex Hiern = **Diospyros lycioides** subsp. **nitens**

pallens Thunb. = **Diospyros pallens**

polyandra L.f. = **Euclea polyandra**

ramulosa E.Mey. ex A.DC. = **Diospyros ramulosa**

rugosa E.Mey. ex A.DC. = **Diospyros austro-africana** var. **rugosa**

scabrida Harv. ex Hiern = **Diospyros scabrida** var. **scabrida**

sericea Bernh. = **Diospyros lycioides** subsp. **sericea**

simii Kuntze = **Diospyros simii**

villosa L. = **Diospyros villosa** var. **villosa**

villosa L. var. *parvifolia* De Winter = **Diospyros villosa** var. **parvifolia**

whyteana Hiern = **Diospyros whyteana**

ELATINACEAE

Compiled by C.L. Bredenkamp

BERGIA L. 5230000

(1) Wild. 1961. *FZ* 1: 373–377.
(2) Obermeyer. 1976. *FSA* 22: 24–30.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 81, 82.

alsinoides Friedr.-Holzh. = **B. anagalloides**

ammannioides B.Heyne ex Roth
Annual. Herb, aquatic. Ht 0.1–0.12 m. Alt? N, B

anagalloides E.Mey. ex Fenzl
B. alsinoides Friedr.-Holzh. (2)
Annual. Herb. Ht 0.01–0.2 m. Alt 516–1733 m. N, NW, FS, NC, EC

capensis L.
Annual. Herb, aquatic. Ht 0.25–0.35 m. Alt up to 610 m. N, B, LIM, NW, M, S

decumbens Planch. ex Harv.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 700–1705 m. B, LIM, NW, G, M, S

glomerata L.f.
Perennial. Herb. Ht up to 0.01 m. Alt 15–640 m. NC, WC, EC

glutinosa Dinter & Schulze-Menz
Annual. Herb. Ht up to 0.1 m. Alt? N

integrifolia Dinter ex Friedr.-Holzh. = **B. polyantha**

pentheriana Keissl.
B. prostrata Schinz (2)
Perennial. Herb. Ht up to 0.15 m. Alt up to 1421 m. N, B, NW, FS, NC

polyantha Sond.
B. integrifolia Dinter ex Friedr.-Holzh. (2)
Annual. Herb. Ht 0.08–0.2 m. Alt? N, B, NC

prostrata Schinz = **B. pentheriana**

salaria Bremek.
Perennial. Dwarf shrub. Ht. 0.1–0.3 m. Alt 550–896 m. B, LIM

salaria Bremek. × **B. decumbens** Planch. ex Harv.
Perennial. Dwarf shrub, herb. Ht up to 0.22 m. Alt ± 34 m. B, LIM, S

spathulata Schinz
Annual. Herb. Ht 0.15–0.4 m. Alt? N

ELATINE L. 5231000

(1) Wild. 1961. *FZ* 1: 377, 378.
(2) Obermeyer. 1976. *FSA* 22: 30–32.
(3) Cook. 1996. *Aquatic & wetland plants of India*: 186, 187.
(4) Glen & Cook. Personal communication.

ambigua Wight
Annual. Herb, aquatic. Ht up to 0.1 m. Alt 30–1405 m. N, B, LIM, NW, G, KZN

triandra Schkuhr
Annual. Herb, aquatic. Ht up to 0.18 m. Alt? G, KZN
Note: although included in southern African floras, it mostly occurs in warmer areas of the northern hemisphere. (4)

ERICACEAE

Compiled by E.G.H. Oliver & I.M. Oliver

ACROSTEMON Klotzsch 6243030

barkerae Compton = **Erica eriocephala**
cereris (Compton) E.G.H.Oliv. = **Erica cereris**
concinnus N.E.Br. = **Erica russakiana**
equisetoides Klotzsch = **Erica eriocephala**
eriocephalus (Klotzsch) N.E.Br. = **Erica pilosiflora** subsp. **pilosiflora**
fourcadei L.Guthrie = **Erica angulosa**
glandulosus Rach = **Erica eriocephala**
hirsutus (Thunb.) Klotzsch = **Erica eriocephala**
incanus Klotzsch = **Erica eriocephala**
incurvus (Klotzsch) Benth. = **Erica eriocephala**
schlechteri N.E.Br. = **Erica radicans** subsp. **schlechteri**
stokoei L.Guthrie = **Erica eriocephala**
thunbergii (G.Don) Alm & T.C.E.Fr. = **Erica eriocephala**
viscidus N.E.Br. = **Erica arachnocalyx**
xeranthemifolius (Salisb.) E.G.H.Oliv. = **Erica xeranthemifolia**

ANISERICA N.E.Br. 6245010

gracilis (Bartl.) N.E.Br. = **Erica benthamiana**
macrocalyx Salter = **Erica benthamiana**

ANOMALANTHUS Klotzsch 6244020

anguliger N.E.Br. = **Erica anguliger**
collinus N.E.Br. = **Erica anguliger**
curviflorus N.E.Br. = **Erica anguliger**
discolor Klotzsch = **Erica anguliger**
galpinii N.E.Br. = **Erica anguliger**
leslei Compton = **Erica anguliger**
marlothii N.E.Br. = **Erica anguliger**
parviflorus (Klotzsch) N.E.Br. = **Erica anguliger**
puberulus (Klotzsch) N.E.Br. = **Erica anguliger**
salteri Compton = **Erica anguliger**
scoparius Klotzsch = **Erica anguliger**
turbinatus N.E.Br. = **Erica anguliger**

ARACHNOCALYX Compton 6243035

cereris Compton = **Erica cereris**
viscidus (N.E.Br.) E.G.H.Oliv. = **Erica arachnocalyx**

BLAERIA L. 6242000

affinis N.E.Br. = **Erica ericoides**
albida Thunb. = **Erica muscosa**
articulata L., name rejected = **Erica similis**
barbigera (Salisb.) G.Don (insufficiently known)
bracteata J.C.Wendl. = **Erica labialis**
campanulata Benth. = **Erica equisetifolia**
coccinea Klotzsch = **Erica longimontana**
dumosa J.C.Wendl. var. *breviflora* N.E.Br. = **Erica equisetifolia**
dumosa J.C.Wendl. var. *dumosa* = **Erica equisetifolia**
equisetifolia (Salisb.) G.Don = **Erica equisetifolia**
ericoides L. = **Erica ericoides**
fastigiata Benth. = **Erica longimontana**
flava Bolus = **Erica equisetifolia**
flexuosa Benth. = **Erica multiflexuosa**
fuscescens Klotzsch = **Erica fuscescens**
gracilis Bartl. = **Erica benthamiana**
grandis N.E.Br. = **Erica sagittata**
klotzschii Alm & T.C.E.Fr. = **Erica klotzschii**
kraussiana Klotzsch ex Walp. = **Erica russakiana**
muscosa Aiton = **Erica muscosa**
oppositifolia L.Guthrie = **Erica equisetifolia**
paucifolia J.C.Wendl. = **Erica paucifolia** subsp. **paucifolia**
purpurea L.f. = **Erica equisetifolia**
purpurea P.J.Bergius = **Erica glabella** subsp. **glabella**
pusilla J.C.Wendl. = **Erica muscosa**
pusilla Klotzsch = **Erica klotzschii**
revoluta Bartl. = **Erica barbigeroides**
sagittata (Klotzsch ex Benth.) Alm & T.C.E.Fr. = **Erica sagittata**
serrata (Thunb.) Thunb. = **Erica serrata**

BLEPHAROPHYLLUM Klotzsch 6248060

divaricatum Klotzsch = **Erica rigidula**

COCCOSPERMA Klotzsch 6248010

areolatum N.E.Br. = **Erica areolata**
forbesianum Klotzsch, superfluous name = **Erica subcapitata**
hexandrum (Klotzsch) Druce = **Erica subcapitata**
rugosum Klotzsch = **Erica rugata**
subcapitatum N.E.Br. = **Erica subcapitata**

COILOSTIGMA Klotzsch 6246000

dregeanum Klotzsch = **Erica zeyheriana**
glabrum Benth. = **Erica burchelliana**
tenuifolium Klotzsch = **Erica zeyheriana**
zeyherianum Klotzsch var. *tenuifolium* (Klotzsch) E.G.H.Oliv. = **Erica zeyheriana**
zeyherianum Klotzsch var. *zeyherianum* = **Erica zeyheriana**

EREMIA D.Don 6243000

brevifolia Benth. = **Erica velatiflora**
calycina Compton = **Erica bokkeveldia**
curvistyla (N.E.Br.) E.G.H.Oliv. = **Erica curvistyla**
florifera Compton = **Erica florifera**
lanata (Klotzsch) Benth. = **Erica xeranthemifolia**
peltata Compton = **Erica cetrata**
totta (Thunb.) D.Don = **Erica totta**
virgata Compton = **Erica bokkeveldia**

EREMIELLA Compton 6243050

outeniquae Compton = **Erica outeniquae**

EREMIOPSIS N.E.Br. 6243070

curvistyla N.E.Br. = **Erica curvistyla**

ERICA L. 6237000

(1) Guthrie & Bolus. 1906. *FC* 4: 2–315.
(2) Esterhuysen. 1963. *Journal of South African Botany* 29: 51–58.
(3) Dulfer. 1963. *Annalen des Natürhistorischen Museums Wien* 66: 19–33.
(4) Dulfer. 1965. *Annalen des Natürhistorischen Museums Wien* 68: 25–177.
(5) Baker. 1966. *Journal of South African Botany* 32: 238.
(6) Killick. 1966. *Bothalia* 9: 126–128.
(7) Baker. 1967. *Journal of South African Botany* 33: 177–181.
(8) Oliver. 1967. *Journal of South African Botany* 33: 197–204.
(9) Ross. 1967. *Journal of the Linnean Society, Botany* 60: 61–73.
(10) Baker. 1968. *Journal of South African Botany* 34: 77–90.
(11) Baker. 1969. *Journal of South African Botany* 35: 25–33.
(12) Baker. 1970. *Journal of South African Botany* 36: 267–269.
(13) Baker. 1971. *Journal of South African Botany* 37: 169–175.
(14) Baker. 1972. *Journal of South African Botany* 38: 121–124.
(15) Baker. 1973. *Journal of South African Botany* 39: 205–211.
(16) Oliver. 1973. *Bothalia* 11: 115, 116.
(17) Oliver. 1973. *The Flowering Plants of Africa* 42: t. 1680.
(18) Baker. 1975. *Journal of South African Botany* 41: 125–130.
(19) Oliver. 1976. *Bothalia* 12: 57–59.
(20) Oliver. 1977. *Bothalia* 12: 195–197.
(21) Oliver. 1981. *Bothalia* 13: 446–448.
(22) Ross. 1983. *FZ* 7: 157–181.
(23) Oliver. 1984. *South African Journal of Botany* 3: 268–270.
(24) Davidson. 1985. *South African Journal of Botany* 51: 71–73.
(25) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 239–246.
(26) Oliver. 1986. *Bothalia* 16: 35–38.
(27) Oliver. 1987. *South African Journal of Botany* 53: 455–458.
(28) Davidson. 1989. *South African Journal of Botany* 55: 273.
(29) Oliver. 1990. *Bothalia* 20: 41–48.
(30) Oliver & Oliver. 1991. *Bothalia* 21: 137–142.
(31) Oliver. 1993. *Bothalia* 23: 1–7.
(32) Oliver. 1993. *Bothalia* 23: 9–14.
(33) Oliver & Oliver. 1994. *Bothalia* 24: 25–30.
(34) Oliver. 1994. *Bothalia* 24: 121–126.
(35) Oliver & Oliver. 1995. *Bothalia* 25: 121–126.
(36) Oliver. 1995. *Bothalia* 25: 242–244.
(37) Oliver & Oliver. 1995. *Feddes Repertorium* 106: 347–352.
(38) Hilton-Taylor. 1996. *Bothalia* 26: 178.
(39) Oliver & Oliver. 1996. *Feddes Repertorium* 107: 305–310.
(40) Oliver & Oliver. 1996. *Yearbook of the Heather Society* 1996: 1–5.
(41) Oliver & Oliver. 1997. *Bothalia* 27: 142–144.
(42) Oliver & Oliver. 1997. *Yearbook of the Heather Society* 1997: 13–18.
(43) Oliver & Oliver. 1998. *Novon* 8: 267–274.
(44) Oliver & Oliver. 1998. *Novon* 8: 430–432.
(45) Oliver & Oliver. 1998. *Yearbook of the Heather Society* 1998: 32–38.
(46) Oliver & Oliver. 1999. *Bothalia* 29: 112–117.
(47) Oliver & Oliver. 1999. *Bothalia* 29: 95–117.
(48) Oliver & Oliver. 1999. *Yearbook of the Heather Society* 1999: 36–42.
(49) Oliver & Oliver. 2000. *Bothalia* 30: 49–53.
(50) Oliver & Oliver. 2000. *Bothalia* 30: 147–153.
(51) Oliver. 2000. *Contributions from the Bolus Herbarium* 19: 1–483.
(52) Oliver & Oliver. 2000. *Yearbook of the Heather Society* 2000: 57–68.

(53) Oliver & Oliver. 2001. *Yearbook of the Heather Society* 2001: 9–14.
(54) Oliver & Oliver. 2001. *Yearbook of the Heather Society* 2001: 27–34.
(55) Oliver & Oliver. 2001. *Bothalia* 31: 1–8.
(56) Oliver & Oliver. 2001. *Bothalia* 31: 155–165.
(57) Oliver & Oliver. 2002. *Yearbook of the Heather Society* 2002: 31–36.
(58) Oliver & Oliver. 2002. *Bothalia* 32: 37–61.
(59) Oliver & Oliver. 2002. *Bothalia* 32: 167–180.
(60) Oliver & Oliver. Personal communication.

Note 1: many of the varieties created and listed by Guthrie & Bolus and by Dulfer are not recognised by us in NBG but are retained here until their placement in synonymy, or elevation to specific or subspecific rank in some cases, has been formally published.

Note 2: altitudinal ranges for all species have been excluded because of the excessive time it would take us to check thousands of specimens in NBG and BOL manually in order to give any meaningful figures.

abbottii E.G.H.Oliv. (30)
Perennial. Dwarf shrub. Ht up to 0.2 m. KZN, EC

abelii E.G.H.Oliv. (23)
Perennial. Dwarf shrub. Ht up to 0.6 m. EC

abietina in sense of Benth., not of L. = **E. patersonii**

abietina L. subsp. **abietina**
E. abietina L. var. *abietina* (58)
E. coccinea P.J.Bergius (58)
Perennial. Shrub. Ht up to 1.5 m. WC

abietina L. subsp. **atrorosea** E.G.H.Oliv. & I.M.Oliv.
E. hesseana Klotzsch (58)
E. phylicifolia Salisb. (58)
E. purpurea Andrews (58)
Perennial. Shrub. Ht up to 1.5 m. WC

abietina L. subsp. **aurantiaca** E.G.H.Oliv. & I.M.Oliv.
E. exsurgens Andrews (58)
E. grandiflora L.f. var. *exsurgens* (Andrews) E.G.H.Oliv. (58)
E. grandiflora L.f. var. *grandiflora* (58)
Perennial. Shrub. Ht up to 1.5 m. WC

abietina L. subsp. **constantiana** E.G.H.Oliv. & I.M.Oliv.
E. conica Lodd. (58)
Perennial. Shrub. Ht up to 0.5 m. WC

abietina L. subsp. **diabolis** E.G.H.Oliv. & I.M.Oliv.
E. coccinea P.J.Bergius var. *echiiflora* in sense of Bolus and others, not of (Andrews) Benth. (58)
Perennial. Shrub. Ht up to 1 m. WC

abietina L. subsp. **perfoliosa** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 1.5 m. WC

abietina L. subsp. **petraea** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 0.5 m. WC

abietina L. var. *abietina* = **E. abietina** subsp. **abietina**

accommodata Klotzsch ex Benth. var. **accommodata**
Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. WC

accommodata Klotzsch ex Benth. var. *ebracteata* Bolus = **E. lasciva**

accommodata Klotzsch ex Benth. var. **subviscidula** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

acockii Compton = **E. alexandri** subsp. **acockii**

acuta Andrews var. **acuta**
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

acuta Andrews var. **breviflora** Dulfer
Perennial. Shrub. Ht? WC

adaequata Tausch = hort. hybrid (60)

adnata L.Bolus
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC

adunca Benth. = **E. triceps**

aemula Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

aemula Guthrie & Bolus var. *pubescens* Guthrie & Bolus = **E. distorta**

aestiva Markötter var. **aestiva**
Perennial. Dwarf shrub. Ht 0.15–0.61 m. FS, KZN, L

aestiva Markötter var. **minor** Dulfer (3)
Perennial. Dwarf shrub. Ht? KZN

affinis Benth.
Perennial. Shrub. Ht up to 1 m. WC, EC

agglutinans E.G.H.Oliv. (51)
Syndesmanthus schlechteri N.E.Br., not *E. schlechteri* Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

aghillana Guthrie & Bolus var. **aghillana**
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

aghillana Guthrie & Bolus var. **latifolia** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

albens in sense of Thunb., not of L. = **E. muscosa**

albens L. var. **albens**
Perennial. Shrub. Ht up to 1.2 m. WC

albens L. var. **longiflora** Benth.
Perennial. Dwarf shrub. Ht? WC

albertyniae E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

albescens Klotzsch ex Benth. var. **albescens**
Perennial. Shrub. Ht up to 1 m. WC

albescens Klotzsch ex Benth. var. **erecta** Bolus
Perennial. Dwarf shrub. Ht? WC

albida (Thunb.) Thunb. = **E. muscosa**

albospicata Hilliard & B.L.Burtt (25)
Perennial. Herb. Ht up to 0.25 m. KZN, L

alexandri Guthrie & Bolus subsp. **alexandri** (33)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

alexandri Guthrie & Bolus subsp. **acockii** (Compton) E.G.H.Oliv.
E. acockii Compton (33)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

alfredii Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

algida Bolus
Perennial. Shrub. Ht up to 0.6 m. FS, KZN, L, EC

alnea E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 0.6 m. WC

alopecurus Harv. var. **alopecurus**
Perennial. Shrub. Ht up to 0.5 m. LIM, NW, G, M, FS, KZN, L, EC

alopecurus Harv. var. **glabriflora** Bolus
Perennial. Dwarf shrub. Ht? G, EC

altevivens H.A.Baker (13)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

alticola Guthrie & Bolus
Perennial. Shrub, dwarf shrub. Ht 0.25–1.31 m. M

altiphila E.G.H.Oliv.
Philippia alticola E.G.H.Oliv. (27)
Perennial. Shrub. Ht up to 0.4 m. WC

amalophylla E.G.H.Oliv. & I.M.Oliv (59)
Perennial. Shrub. Ht up to 0.12 m. WC

amatolensis E.G.H.Oliv.

Ericinella multiflora Klotzsch (34)
Perennial. Shrub. Ht up to 1.5 m. EC

amicorum E.G.H.Oliv. (29)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

amoena J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

amphigena Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

ampullacea Curtis var. **ampullacea**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ampullacea Curtis var. **obbata** (Andrews) Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

andreaei Compton
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

aneimena Dulfer
E. hirsuta Klotzsch ex Benth. (4)
Perennial. Shrub. Ht up to 0.6 m. WC

anemodes E.G.H.Oliv. (55)
Perennial. Dwarf shrublet. Ht up to 0.5 m. WC

anguliger (N.E.Br.) E.G.H.Oliv.
Anomalanthus anguliger N.E.Br. (51)
Anomalanthus collinus N.E.Br., not *E. collina* Guthrie & Bolus (51)
Anomalanthus curviflorus N.E.Br., not *E. curviflora* L. (51)
Anomalanthus discolor Klotzsch, not *E. discolor* Andrews (51)
Anomalanthus galpinii N.E.Br., not *E. galpinii* Salter (51)
Anomalanthus leslei Compton (51)
Anomalanthus marlothii N.E.Br., not *E. marlothii* Bolus (51)
Anomalanthus parviflorus (Klotzsch) N.E.Br., not *E. parviflora* L. (51)
Anomalanthus puberulus (Klotzsch) N.E.Br., not *E. puberula* Bartl. (51)
Anomalanthus salteri Compton (51)
Anomalanthus scoparius Klotzsch, not *E. scoparia* L. (51)
Anomalanthus turbinatus N.E.Br., not *E. turbinata* Andrews (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

angulosa E.G.H.Oliv.
Acrostemon fourcadei L.Guthrie, not *E. fourcadei* L.Bolus (51)
Simocheilus fourcadei (L.Guthrie) E.G.H.Oliv. (23)
Perennial. Shrub. Ht up to 0.5 m. WC, EC

annalis E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 1 m. WC

annectens Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

anomala Hilliard & B.L.Burtt (25)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. KZN

arachnocalyx E.G.H.Oliv.
Acrostemon viscidus N.E.Br., not *E. viscida* Andrews (51)
Arachnocalyx viscidus (N.E.Br.) E.G.H.Oliv. (51)
Perennial. Dwarf shrublet. Ht up to 0.2 m. WC

arachnoidea Klotzsch = **E. cordata** var. **arachnoidea**

arcuata Compton
Perennial. Shrub. Ht up to 0.75 m. WC

ardens Andrews
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC

arenaria L.Bolus
Perennial. Shrub. Ht up to 2 m. WC

areolata (N.E.Br.) E.G.H.Oliv.
Coccosperma areolatum N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

argentea Klotzsch ex Benth. var. **argentea**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

argentea Klotzsch ex Benth. var. **rigida** Bolus
Perennial. Dwarf shrub. Ht? WC

argyrea Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

aristata Andrews var. **aristata**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

aristata Andrews var. **minor** (L.Bolus) Dulfer
E. coruscans L.Bolus var. *minor* L.Bolus (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

aristata Andrews var. **turrisbabylonica** H.A.Baker (12)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

aristifolia Benth.
E. sonora Compton (60)
Perennial. Dwarf shrub. Ht? WC

armata Klotzsch ex Benth. var. **armata**
E. umbrosa H.A.Baker (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

armata Klotzsch ex Benth. var. **breviaristata** Bolus
Perennial. Dwarf shrub. Ht? WC

artemisioides (Klotzsch) E.G.H.Oliv.
Salaxis artemisioides Klotzsch (51)
Salaxis micrantha Benth. (51)
Salaxis octandra Klotzsch var. *artemisioides* (Klotzsch) N.E.Br. (51)
Scyphogyne micrantha (Benth.) N.E.Br. (51)
Perennial. Shrub. Ht up to 1(–2) m. WC

articularis L. var. **articularis**
Perennial. Shrub, dwarf shrub. Ht up to 1.1 m. WC

articularis L. var. **implexa** Bolus
Perennial. Dwarf shrub. Ht? WC

articularis L. var. **meyeriana** Bolus
Perennial. Dwarf shrub. Ht? WC

aspalathifolia Bolus var. **aspalathifolia**
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, EC

aspalathifolia Bolus var. **bachmannii** Bolus
Perennial. Dwarf shrub. Ht? EC

aspalathoides Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

astroites Guthrie & Bolus var. **astroites**
Perennial. Shrub. Ht up to 0.7 m. WC

astroites Guthrie & Bolus var. **minor** Guthrie & Bolus
Perennial. Dwarf shrub. Ht? WC

atherstonei Diels ex Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.25 m. M

atricha Dulfer
E. carinata Klotzsch ex Benth. (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

atromontana E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

atropurpurea Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

atrovinosa E.G.H.Oliv. (8)
Perennial. Shrub. Ht up to 0.7 m. WC

auriculata Guthrie & Bolus = **E. greyi**

austroverna Hilliard = **E. revoluta**

autumnalis L.Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

axillaris Thunb.
E. calyciflora Tausch (51)
Salaxis axillaris (Thunb.) G.Don (51)
Salaxis flexuosa Klotzsch (51)
Salaxis flexuosa Klotzsch var. *cognata* N.E.Br. (51)
Salaxis hexandra Klotzsch in part (51)

Salaxis major N.E.Br. (51)
Salaxis octandra Klotzsch (51)
Salaxis puberula Klotzsch (51)
Salaxis sieberi Benth. (51)
Perennial. Shrub. Ht up to 1 m. WC

axilliflora Bartl.
Perennial. Shrub. Ht up to 0.75 m. WC

azaleifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

baccans L.
Perennial. Shrub. Ht up to 2 m. WC

bakeri Salter
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

banksia Andrews var. *banksia* = **E. banksii** subsp. **banksii**

banksia Andrews var. *purpurea* Andrews = **E. banksii** subsp. **purpurea**

banksii [as '*banksia*'] Andrews subsp. **banksii**
E. banksia Andrews var. *banksia* (58)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

banksii [as '*banksia*'] Andrews subsp. **comptonii** (Salter) E.G.H.Oliv. & I.M.Oliv.
E. comptonii Salter (58)
Perennial. Shrub. Ht up to 0.6 m. WC

banksii [as '*banksia*'] Andrews subsp. **purpurea** Andrews
E. banksia Andrews var. *purpurea* Andrews (58)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

barbata Andrews var. *major* Andrews = **E. pannosa**

barbigeroides E.G.H.Oliv.
Blaeria revoluta Bartl. (31)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

barrydalensis L.Bolus
Perennial. Shrub. Ht up to 2 m. WC

baueri [as '*bauera*'] Andrews subsp. **baueri**
E. bowieana Lodd. (58)
Perennial. Shrub. Ht up to 1 m. WC

baueri [as '*bauera*'] Andrews subsp. **gouriquae** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 1.5 m. WC

baurii Bolus
Perennial. Shrub. Ht up to 0.6 m. EC

beatricis Compton
Perennial. Dwarf shrub. Ht? WC

benthamiana E.G.H.Oliv.
Aniserica gracilis (Bartl.) N.E.Br. (51)
Aniserica macrocalyx Salter (51)
Blaeria gracilis Bartl., not *E. gracilis* J.C.Wendl. (51)
Sympieza gracilis (Bartl.) E.G.H.Oliv. (51)
Perennial. Shrub. Ht 0.3(–0.6) m. WC

bergiana L. var. **bergiana**
Perennial. Shrub, dwarf shrub. Ht 0.05–1.52 m. WC

bergiana L. var. **glabra** J.C.Wendl.
Perennial. Shrub. Ht? WC

bergiana L. var. **parviflora** (Klotzsch) Dulfer
Perennial. Dwarf shrub. Ht? WC

berzelioides Guthrie & Bolus
Perennial. Shrub. Ht up to 1 m. WC

bibax Salisb.
Perennial. Shrub. Ht up to 1.5 m. WC

bicolor Thunb.
E. copiosa J.C.Wendl. var. *longicauda* Bolus (2)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. WC

binaria E.G.H.Oliv.
E. natalitia Bolus var. *brevipedicellata* Dulfer (51)
Perennial. Shrub. Ht up to 0.6 m. WC

blaerioides E.G.H.Oliv. subsp. **blaerioides**
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC

blaerioides E.G.H.Oliv. subsp. **hirsuta** E.G.H.Oliv.
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC

blancheana L.Bolus = **E. hispidula** var. **hispidula**

blandfordia Andrews
Perennial. Shrub. Ht up to 1 m. WC

blenna Salisb. var. **blenna**
Perennial. Shrub. Ht up to 1 m. WC

blenna Salisb. var. **grandiflora** Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

blesbergensis H.A.Baker = **E. inamoena**

bodkinii Guthrie & Bolus
Perennial. Shrub. Ht up to 0.9 m. WC

bokkeveldia E.G.H.Oliv.
Eremia calycina Compton, not *E. calycina* L. (51)
Eremia virgata Compton, not *E. virgata* Thunb. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

bolusanthus E.G.H.Oliv.
Thoracosperma nanum N.E.Br., not *E. nana* Salisb. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC

bolusiae Salter var. **bolusiae**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

bolusiae Salter var. **cyathiformis** H.A.Baker
Perennial. Dwarf shrub. Ht? WC

bondiae Compton = **E. glandulosa** var. **bondiae**

borboniifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

botryoides Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

boucheri E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

bowieana Lodd. = **E. baueri**

brachialis Salisb.
Perennial. Shrub. Ht up to 2 m. WC

brachycentra Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

brachysepala Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

bracteolaris Lam.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

bredasiana E.G.H.Oliv.
Salaxis pumila N.E.Br., not *E. pumila* Andrews (51)
Perennial. Shrub. Ht up to 0.5 m. WC

brevicaulis Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

breviflora Dulfer = **E. plukenetii** subsp. **breviflora**

brevifolia Sol. ex Salisb.
E. chlamydiflora Salisb. (60)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

broadleyana Andrews = hort. hybrid (58)

brownii E.G.H.Oliv.
Syndesmanthus breviflorus N.E.Br., not *E. breviflora* Dulfer (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

brownleeae Bolus
Perennial. Shrub. Ht 0.9–2 m. EC

bruniades L.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

bruniifolia Salisb. var. **barbigera** (Klotzsch ex Benth.) Dulfer
E. incurva J.C.Wendl. var. *barbigera* Bolus (30)
Perennial. Shrub. Ht? WC

bruniifolia Salisb. var. **bruniifolia**
E. incurva J.C.Wendl. var. *incurva* (30)
Perennial. Shrub. Ht up to 1 m. WC

bruniifolia Salisb. var. **solandroides** (Andrews) Dulfer
E. incurva J.C.Wendl. var. *solandroides* (Andrews) Bolus (30)
Perennial. Shrub. Ht? WC

bruniifolia Salisb. var. **stellata** (Lodd.) Dulfer
E. incurva J.C.Wendl. var. *stellata* Bolus (30)
Perennial. Shrub. Ht? WC

bruniifolia Salisb. var. **subglabra** Dulfer
E. incurva J.C.Wendl. var. *subglabra* Bolus (30)
Perennial. Shrub. Ht? WC

burchelliana E.G.H.Oliv.
Coilostigma glabrum Benth., not *E. glabra* Gilib. (51)
Perennial. Shrub. Ht up to 0.5 m. EC

cabernetea E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

caespitosa Hilliard & B.L.Burtt (25)
Philippia tristis Bolus (27)
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, L, EC

caffra L. var. **auricularis** (Salisb.) Bolus
Perennial. Tree, shrub. Ht? WC

caffra L. var. **caffra**
Perennial. Tree, shrub. Ht up to 4 m. KZN, L, WC, EC

caffrorum Bolus var. **aristulata** Bolus
Perennial. Shrub. Ht? KZN

caffrorum Bolus var. **caffrorum**
Perennial. Shrub. Ht up to 1.2 m. M, FS, KZN, L, EC

caffrorum Bolus var. **glomerata** Bolus
Perennial. Shrub. Ht? EC

caffrorum Bolus var. **luxurians** Bolus
Perennial. Shrub. Ht? KZN

calcareophila E.G.H.Oliv. (8)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

calcicola (E.G.H.Oliv.) E.G.H.Oliv.
Scyphogyne calcicola E.G.H.Oliv. (51)
Perennial. Shrub. Ht 0.3–1.3 m. WC

caledonica A.Spreng.
Perennial. Shrub. Ht up to 0.9 m. WC

calyciflora Tausch = **E. axillaris**

calycina L. var. **calycina**
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. WC

calycina L. var. **fragrans** (Andrews) Bolus
Perennial. Shrub. Ht? WC

calycina L. var. **longibracteata** Esterh. & T.M.Salter
Perennial. Shrub. Ht? WC

calycina L. var. **periplociflora** (Salisb.) Bolus
Perennial. Shrub. Ht? WC

calycina L. var. **vespertina** (L.f.) Dulfer
Perennial. Shrub. Ht? WC

calycina L. var. *viscidiflora* (Esterh.) Dulfer = **E. viscidiflora**

calyculata J.C.Wendl. var. *calyculata* = **E. penicilliformis** var. **penicilliformis**

calyculata J.C.Wendl. var. *chrysantha* (Klotzsch ex Benth.) Bolus = **E. penicilliformis** var. **chrysantha**

cameronii L.Bolus
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

campanularis Salisb.
E. campanulata Andrews (4)
Perennial. Shrub. Ht up to 0.6 m. WC

campanulata Andrews = **E. campanularis**

canaliculata Andrews
Perennial. Shrub. Ht up to 2 m. WC, EC

canescens J.C.Wendl. var. **canescens**
E. pusilla Salisb. (4)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

canescens J.C.Wendl. var. **micranthera** (Bolus) Dulfer
Perennial. Dwarf shrub. Ht? WC

capensis Salter
E. turbiniflora Salisb. var. *aristata* Bolus (60)
E. turbiniflora Salisb. var. *turbiniflora* (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

capillaris Bartl. var. **capillaris**
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

capillaris Bartl. var. *compacta* Bolus = **E. chonantha** var. **chonantha**

capillaris Bartl. var. **poliotes** Bolus
Perennial. Dwarf shrub. Ht? WC

capitata L.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

capitella Thunb. ex Rach = **E. labialis**

caprina E.G.H.Oliv.
Grisebachia minutiflora N.E.Br. subsp. *minutiflora*, not *E. minutiflora* Andrews (51)
Grisebachia minutiflora N.E.Br. subsp. *nodiflora* (N.E.Br.) E.G.H.Oliv., not *E. nodiflora* Salisb. (51)
Perennial. Dwarf shrublet. Ht up to 0.2 m. WC

carduifolia Salisb.
E. draconis L.Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

carinata Klotzsch ex Benth. = **E. atricha**

casta Guthrie & Bolus var. *breviflora* Guthrie & Bolus = **E. regia** subsp. **regia**

casta Guthrie & Bolus var. *casta* = **E. regia** subsp. **regia**

caterviflora Salisb. var. **caterviflora**
Perennial. Shrub. Ht up to 4.5 m. WC

caterviflora Salisb. var. **glabrata** Benth.
Perennial. Shrub. Ht? WC

cavartica E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 0.05 m. WC

cederbergensis Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

cedromontana E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

ceraria E.G.H.Oliv. & I.M.Oliv. ms
E. foliacea in sense of Guthrie & Bolus, not of Andrews (60)
Perennial. Shrub. Ht up to 1 m. WC

cereris (Compton) E.G.H.Oliv.
Acrostemon cereris (Compton) E.G.H.Oliv. (51)
Arachnocalyx cereris Compton (51)

Perennial. Dwarf shrub. Ht up to 0.4 m. WC

cerinthoides L. var. **barbertona** (Galpin) Bolus
Perennial. Shrub. Ht up to 0.3 m. M, S, KZN

cerinthoides L. var. **cerinthoides**
Perennial. Shrub. Ht up to 0.5(–2) m. LIM, G, M, S, FS, KZN, L, WC, EC

cernua Montin
Perennial. Dwarf shrub. Ht up to 0.8 m. WC

cerviciflora Salisb. = hort. hybrid (58)

cetrata E.G.H.Oliv.
Eremia peltata Compton, not *E. peltata* Andrews (51)
Perennial. Shrub. Ht up to 0.5 m. WC

chamissonis Klotzsch ex Benth. var. **chamissonis**
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. EC

chamissonis Klotzsch ex Benth. var. **hirtifolia** Dulfer
Perennial. Shrub, dwarf shrub. Ht? EC

chamissonis Klotzsch ex Benth. var. **polyantha** (Klotzsch ex Benth.) Dulfer
Perennial. Shrub. Ht? EC

chartacea Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

chionodes E.G.H.Oliv. (56)
Perennial. Shrub. Ht up to 0.6 m. WC

chionophila Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

chiroptera E.G.H.Oliv. (32)
Perennial. Shrub. Ht up to 0.5 m. WC

chlamydiflora Salisb. = **E. brevifolia**

chloroloma Lindl.
Perennial. Shrub, dwarf shrub. Ht up to 2 m. WC, EC

chlorosepala Benth.
Perennial. Shrub. Ht up to 0.6 m. WC

chonantha Dulfer var. **chonantha**
E. capillaris Bartl. var. *compacta* Bolus (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

chonantha Dulfer var. **longistyla** Dulfer (3)
Perennial. Dwarf shrub. Ht? WC

chrysocodon Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

cincta L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

clavisepala Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

coacervata H.A.Baker (5)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

coarctata J.C.Wendl. var. **coarctata**
Perennial. Shrub. Ht 0.3–0.9 m. WC

coarctata J.C.Wendl. var. **longipes** (Bartl.) Bolus
Perennial. Shrub. Ht? WC

coccinea L. subsp. **coccinea**
E. coccinea L. var. *coccinea* (58)
E. coccinea L. var. *pubescens* (Bolus) Dulfer (58)
E. petiveri L. (58)
E. petiveri L. var. *pubescens* Bolus (58)
E. sebana Donn, naked name (58)
Perennial. Shrub. Ht up to 1.2 m. WC

coccinea L. subsp. **uniflora** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 1.2 m. WC

coccinea L. var. *coccinea* = **E. coccinea** subsp. **coccinea**

coccinea L. var. *inflata* H.A.Baker = **E. melastoma** subsp. **melastoma**

coccinea L. var. *intermedia* (Klotzsch ex Benth.) Dulfer = **E. intermedia** subsp. **intermedia**

coccinea L. var. *melastoma* (Andrews) H.A.Baker = **E. melastoma** subsp. **melastoma**

coccinea L. var. *pubescens* (Bolus) Dulfer = **E. coccinea** subsp. **coccinea**

coccinea L. var. *willdenovii* (Bolus) H.A.Baker = **E. melastoma** subsp. **melastoma**

coccinea P.J.Bergius = **E. abietina** var. **abietina**

coccinea P.J.Bergius var. *echiiflora* (Andrews) Benth. = **E. viscaria** subsp. **gallorum**

coccinea P.J.Bergius var. *echiiflora* in sense of Bolus and others, not of (Andrews) Benth. = **E. abietina** subsp. **diabolis**

collina Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

colorans Andrews var. *breviflora* H.A.Baker = **E. plena**

colorans Andrews var. **colorans**
Perennial. Shrub. Ht 0.75–1.82 m. WC

colorans Andrews var. **hispidula** H.A.Baker (11)
Perennial. Shrub. Ht? WC

columnaris E.G.H.Oliv. (49)
Perennial. Shrub. Ht 0.5(–1)m. WC

comata Guthrie & Bolus
Perennial. Dwarf shrub. Ht? WC

comptonii Salter = **E. banksii** subsp. **comptonii**

condensata Benth. var. **condensata**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

condensata Benth. var. **quadrifida** Bolus
Perennial. Dwarf shrub. Ht? WC

conferta Andrews
Perennial. Dwarf shrub. Ht up to 1 m. WC

confusa Guthrie & Bolus = **E. permutata**

conica Lodd. = **E. abietina** subsp. **constantiana**

consobrina Guthrie & Bolus = natural hybrid (60)

conspicua Sol.
E. curviflora L. var. *splendens* (J.C.Wendl.) Dulfer (60)
Perennial. Shrub. Ht up to 1.5 m. WC

constantia Nois. ex Benth.
Perennial. Shrub. Ht up to 0.5 m. WC

cooperi Bolus var. **cooperi**
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, EC

cooperi Bolus var. **missionis** Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. EC

copiosa J.C.Wendl. var. **copiosa**
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. WC

copiosa J.C.Wendl. var. **linearisepala** Bolus
Perennial. Dwarf shrub. Ht? WC

copiosa J.C.Wendl. var. *longicauda* Bolus = **E. bicolor**

copiosa J.C.Wendl. var. *parvisepala* Bolus = **E. florifera**

coralliflora Compton = **E. haematosiphon**

cordata Andrews var. **arachnoidea** (Klotzsch) Dulfer

E. arachnoidea Klotzsch (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. WC

cordata Andrews var. **cordata**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. WC

corifolia L. var. **bracteata** (Thunb.) Dulfer
Perennial. Dwarf shrub. Ht? WC

corifolia L. var. **concolor** Dulfer (3)
Perennial. Dwarf shrub. Ht? WC

corifolia L. var. **corifolia**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. WC

corifolia L. var. **erectiuscula** (J.C.Wendl.) Dulfer
Perennial. Dwarf shrub. Ht? WC

coronanthera Compton
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

coruscans L.Bolus
E. coruscans L.Bolus var. *coruscans* (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

coruscans L.Bolus var. *coruscans* = **E. coruscans**

coruscans L.Bolus var. *minor* L.Bolus = **E. aristata** var. **minor**

corydalis Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

costatisepala H.A.Baker (13)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

crassisepala Benth.
Perennial. Dwarf shrub. Ht 0.25–0.5 m. WC

crateriformis Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

cremea Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

cremnophila Esterh. & T.M.Salter = **E. depressa**

crenata E.Mey. ex Benth. = **E. ferrea**

cristata Dulfer
E. pectinata Klotzsch (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. WC

cristiflora Salisb. var. **blanda** (Salisb.) Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

cristiflora Salisb. var. **cristiflora**
Perennial. Shrub, dwarf shrub. Ht 0.25–1.2 m. WC

cristiflora Salisb. var. **moschata** (Andrews) Dulfer
E. moschata Andrews (30)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

crucistigmatica Dulfer = **E. gnaphaloides**

cruenta Sol. var. **buccinula** Bolus
Perennial. Shrub. Ht? WC

cruenta Sol. var. **campanulata** Bolus
Perennial. Shrub. Ht? WC

cruenta Sol. var. **cruenta**
Perennial. Shrub. Ht 0.6–1.2 m. WC

cruenta Sol. var. **mutica** Bolus
Perennial. Shrub. Ht? WC

cryptanthera Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

cubica L. var. **coronifera** Bolus
Perennial. Shrub, dwarf shrub. Ht? WC

cubica L. var. **cubica**
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, WC, EC

cubica L. var. **natalensis** Bolus
Perennial. Dwarf shrub. Ht? KZN

cubitans E.G.H.Oliv. (47)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

cumuliflora Salisb.
E. recurvata Andrews (33)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

cunoniensis E.G.H.Oliv. (29)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

cupuliflora Dulfer = **E. florifera**

curtophylla Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

curviflora L. var. **burchellii** (Benth.) Bolus
Perennial. Shrub. Ht? WC

curviflora L. var. **curviflora**
E. viridescens Lodd. var. *latituba* (L.Bolus) Dulfer (60)
Perennial. Shrub. Ht 0.45–2 m. WC

curviflora L. var. **diffusa** Bolus
Perennial. Dwarf shrub. Ht? WC

curviflora L. var. *splendens* (J.C.Wendl.) Dulfer = **E. conspicua**

curviflora L. var. **sulcata** (Benth.) Dulfer
E. sulcata Benth. (4)
Perennial. Shrub. Ht? WC

curviflora L. var. **sulphurea** (Andrews) Bolus
Perennial. Shrub. Ht up to 1 m. WC

curviflora L. var. **versatilis** Bolus
Perennial. Shrub. Ht? WC

curvifolia Salisb. var. **curvifolia**
Perennial. Shrub, dwarf shrub. Ht up to 0.45 m. WC

curvifolia Salisb. var. **zeyheri** Bolus
Perennial. Shrub. Ht up to 0.45 m. WC

curvirostris Salisb. var. **curvirostris**
Perennial. Shrub, dwarf shrub. Ht 0.1–0.75 m. WC

curvirostris Salisb. var. **longisepala** L.Bolus
Perennial. Shrub. Ht? WC

curvistyla (N.E.Br.) E.G.H.Oliv.
Eremia curvistyla (N.E.Br.) E.G.H.Oliv. (51)
Eremiopsis curvistyla N.E.Br. (51)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC

cuscutiformis Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

cyathiformis Salisb. var. **cyathiformis**
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. WC

cyathiformis Salisb. var. **orientalis** L.Bolus
Perennial. Shrub. Ht? WC

cygnea Salter
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

cylindrica Thunb.
Perennial. Shrub. Ht up to 1.2 m. WC

cymosa E.Mey. ex Benth. subsp. **cymosa**
Perennial. Dwarf shrub. Ht up to 0.01 m. WC

cymosa E.Mey. ex Benth. subsp. **grandiflora** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Dwarf shrub. Ht up to 0.01 m. WC

cyrilliflora Salisb.
Perennial. Shrub. Ht up to 0.6 m. WC

daphniflora Salisb. var. **daphniflora**
Perennial. Shrub. Ht 0.3–2 m. WC

daphniflora Salisb. var. **latisepala** Bolus
Perennial. Shrub. Ht? WC

daphniflora Salisb. var. **leipoldtii** Bolus
Perennial. Shrub. Ht up to 1 m. WC

daphniflora Salisb. var. **muscari** (Andrews) Bolus
Perennial. Shrub. Ht up to 1.2 m. WC

daphniflora Salisb. var. **pedicellata** (Klotzsch) Bolus
Perennial. Shrub. Ht? WC

decipiens A.Spreng. var. *decipiens* = **E. simulans** var. **simulans**

decipiens A.Spreng. var. *tetragona* Bolus = **E. simulans** var. **tetragona**

decipiens A.Spreng. var. *trivialis* (Klotzsch) Bolus = **E. simulans** var. **trivialis**

decora Andrews = **E. viscaria** subsp. **viscaria**

deflexa Sinclair
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

deliciosa H.L.Wendl. ex Benth. = **E. nutans**

demissa Klotzsch ex Benth. var. **crassifolia** Dulfer
Perennial. Dwarf shrub. Ht? WC

demissa Klotzsch ex Benth. var. **demissa**
Perennial. Shrub. Ht up to 0.5 m. WC

densifolia Willd.
Perennial. Shrub, dwarf shrub. Ht 0.38–1.5 m. WC

denticulata L. var. **denticulata**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

denticulata L. var. **grandiloba** Bolus
Perennial. Dwarf shrub. Ht? WC

denticulata L. var. **longiflora** Bolus
Perennial. Dwarf shrub. Ht? WC

denticulata L. var. **retusa** (Tausch) Dulfer
Perennial. Dwarf shrub. Ht? WC

depressa L.
E. cremnophila Esterh. & T.M.Salter (2)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

desmantha Benth. var. **desmantha**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC

desmantha Benth. var. **urceolata** H.A.Baker (7)
Perennial. Dwarf shrub. Ht? WC

dianthifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

diaphana Spreng.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.8 m. WC

dichrus Spreng.
Perennial. Shrub. Ht up to 1.5 m. WC

dilatata H.L.Wendl. ex Benth. = hort. hybrid (60)

diosmifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

diotiflora Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

discolor Andrews var. **discolor**
Perennial. Shrub. Ht 0.1–1 m. WC

discolor Andrews var. **puberula** Benth.
Perennial. Shrub. Ht? WC

dispar (N.E.Br.) E.G.H.Oliv.
Simocheilus dispar N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

dissimulans Hilliard & B.L.Burtt (25)
Perennial. Shrub. Ht 0.6–1.5 m. KZN

distorta Bartl.
E. aemula Guthrie & Bolus var. *pubescens* Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. WC

dodii Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

dolfiana E.G.H.Oliv. & I.M.Oliv. (56)
Perennial. Shrub. Ht up to 0.3 m. WC

doliiformis Salisb.
Perennial. Shrub. Ht up to 0.8 m. WC

dominans Killick (6)
Perennial. Shrub. Ht up to 1.5 m. KZN, L

dracomontana E.G.H.Oliv.
Philippia drakensbergensis E.G.H.Oliv., not *E. drakensbergensis* Guthrie & Bolus (27)
Perennial. Shrub. Ht 1.2–3.6 m. KZN, L, EC

draconis L.Bolus = **E. carduifolia**

drakensbergensis Guthrie & Bolus
Perennial. Shrub. Ht up to 2 m. G, M, S, FS, KZN

dregei E.G.H.Oliv.
Simocheilus oblongus Benth., not *E. oblonga* G.Sinclair (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

dubia Rach = hort. hybrid (60)

dulcis L.Bolus = **E. propendens**

dumosa Andrews = **E. longipedunculata** var. **longipedunculata**

dumosa Andrews var. *intermedia* Bolus = **E. longipedunculata** var. **intermedia**

dumosa Andrews var. *setifera* Bolus = **E. longipedunculata** var. **setifera**

duthieae L.Bolus
E. intervallaris Salisb. var. *breviflora* Dulfer (60)
Perennial. Shrub. Ht up to 1 m. WC

dykei Bolus = **E. thodei**

dysantha Benth.
Perennial. Shrub. Ht up to 1 m. WC

ebracteata Bolus
Perennial. Shrub. Ht up to 2.4 m. KZN

eburnea Salter
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ecklonii E.G.H.Oliv.
Sympieza eckloniana Klotzsch (51)
Perennial. Shrub. Ht up to 1 m. WC

eglandulosa (Klotzsch) E.G.H.Oliv.
Omphalocaryon (e)glandulosum Klotzsch (51)
Scyphogyne eglandulosa (Klotzsch) Benth. (51)
Scyphogyne fasciculata Benth. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

elegans Andrews = **E. glauca** var. **elegans**

elimensis L.Bolus var. **elimensis**
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

elimensis L.Bolus var. **parvibracteata** L.Bolus
Perennial. Dwarf shrub. Ht? WC

ellipticiflora Dulfer = **E. regerminans**

elsieana (E.G.H.Oliv.) E.G.H.Oliv.
Philippia elsieana E.G.H.Oliv. (27)

Perennial. Shrub. Ht? WC

embothriifolia Salisb. var. **embothriifolia**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

embothriifolia Salisb. var. **longiflora** Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

embothriifolia Salisb. var. **subaequalis** Bolus
Perennial. Dwarf shrub. Ht? WC

empetrifolia L. = **E. empetrina**

empetrina L.
E. empetrifolia L. (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

equisetifolia Salisb.
Blaeria campanulata Benth. (31)
Blaeria dumosa J.C.Wendl. var. *breviflora* N.E.Br. (31)
Blaeria dumosa J.C.Wendl. var. *dumosa* (31)
Blaeria equisetifolia (Salisb.) G.Don (31)
Blaeria flava Bolus (31)
Blaeria oppositifolia L.Guthrie (31)
Blaeria purpurea L.f., not *E. purpurea* P.J.Bergius (31)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

erasmia Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

eremioides (MacOwan) E.G.H.Oliv. subsp. **eglandula** (N.E.Br.) E.G.H.Oliv.
Grisebachia eremioides MacOwan var. *eglandula* N.E.Br. (51)
Grisebachia parviflora (Klotzsch) Druce subsp. *eglandula* (N.E.Br.) E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

eremioides (MacOwan) E.G.H.Oliv. subsp. **eremioides**
Grisebachia eremioides MacOwan (51)
Grisebachia eremioides MacOwan var. *pubicalyx* N.E.Br. (51)
Grisebachia parviflora (Klotzsch) Druce subsp. *parviflora*, not *E. parviflora* L. (51)
Grisebachia similis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

eremioides (MacOwan) E.G.H.Oliv. subsp. **pubescens** (E.G.H.Oliv.) E.G.H.Oliv.
Grisebachia parviflora (Klotzsch) Druce subsp. *pubescens* E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ericoides (L.) E.G.H.Oliv.
Blaeria affinis N.E.Br. (31)
Blaeria ericoides L. (31)
Perennial. Shrub. Ht up to 0.5 m. WC

erina (Klotzsch ex Benth.) E.G.H.Oliv.
Syndesmanthus erinus (Klotzsch ex Benth.) N.E.Br. var. *erinus* (51)
Syndesmanthus erinus (Klotzsch ex Benth.) N.E.Br. var. *validus* N.E.Br. (51)
Perennial. Dwarf shrub. Ht 0.3 m. WC

eriocephala Lam.
Acrostemon barkerae Compton (51)
Acrostemon equisetoides Klotzsch (51)
Acrostemon glandulosus Rach (51)
Acrostemon hirsutus (Thunb.) Klotzsch (51)
Acrostemon incanus Klotzsch (51)
Acrostemon incurvus (Klotzsch) Benth. (51)
Acrostemon stokoei L.Guthrie (51)
Acrostemon thunbergii (G.Don) Alm & T.C.E.Fr. (51)
Perennial. Shrub. Ht up to 1 m. WC

eriocodon Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

eriophoros Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

esterhuyseniae Compton
E. esterhuyseniae Compton var. *esterhuyseniae* (56)
E. esterhuyseniae Compton var. *tetramera* Compton (56)
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC, EC

esterhuyseniae Compton var. *tetramera* Compton = **E. esterhuyseniae**

esterhuyseniae Compton var. *trimera* Compton = **E. oreotragus**

esteriana E.G.H.Oliv. subsp. **esteriana**
Philippia esterhuyseniae E.G.H.Oliv. subsp. *esterhuyseniae*, not *E. esterhuyseniae* Compton (27)
Perennial. Shrub. Ht up to 1 m. WC

esteriana E.G.H.Oliv. subsp. **swartbergensis** (E.G.H.Oliv.) E.G.H.Oliv.
Philippia esterhuyseniae E.G.H.Oliv. subsp. *swartbergensis* E.G.H.Oliv. (27)
Perennial. Shrub. Ht up to 1.21 m. WC

etheliae L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. EC

eugenea Dulfer
E. haroldiana Skan (2)
E. nobilis Guthrie & Bolus, not *E. nobilis* hort. (4)
Perennial. Shrub. Ht up to 0.7 m. WC

eustacei L.Bolus
Perennial. Shrub. Ht up to 1.5 m. WC

evansii (N.E.Br.) E.G.H.Oliv.
Philippia evansii N.E.Br. (27)
Perennial. Shrub. Ht up to 2.4 m. KZN

excavata L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

exleeana E.G.H.Oliv.
Philippia leeana Klotzsch (27)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. WC

exsurgens Andrews = **E. abietina** subsp. **aurantiaca**

extrusa Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

fairii Bolus
Perennial. Shrub. Ht up to 0.6 m. WC

fascicularis L.f. var. **fascicularis**
Perennial. Shrub. Ht up to 1.8 m. WC

fascicularis L.f. var. **imperialis** (Andrews) Bolus
Perennial. Shrub. Ht up to 0.5 m. WC

fastigiata L. var. **coventryana** Bolus
Perennial. Shrub. Ht up to 1.2 m. WC

fastigiata L. var. **fastigiata**
Perennial. Shrub. Ht up to 0.5 m. WC

fastigiata L. var. **immaculata** Bolus
Perennial. Shrub. Ht? WC

fastigiata L. var. **longituba** L.Bolus
Perennial. Shrub. Ht? WC

fausta Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

feminarum E.G.H.Oliv. (46)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

ferrea P.J.Bergius
E. crenata E.Mey. ex Benth. (60)
E. mucosa L. (4)
Perennial. Shrub. Ht up to 1.5 m. WC

fervida L.Bolus
Perennial. Shrub. Ht up to 1 m. WC

filamentosa Andrews
Perennial. Shrub. Ht up to 1.5 m. WC

filamentosa Andrews var. *longiflora* Bolus = **E. nematophylla**

filialis E.G.H.Oliv. (53)
Perennial. Dwarf shrublet. Ht up to 0.25 m. WC

filiformis Salisb. var. **filiformis**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

filiformis Salisb. var. **longibracteata** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

filiformis Salisb. var. *maritima* Bolus = **E. radicans** subsp. **schlechteri**

filipendula Benth. subsp. **filipendula**
E. filipendula Benth. var. *filipendula* (58)
Perennial. Shrub. Ht up to 0.5 m. WC

filipendula Benth. subsp. **parva**
E. filipendula Benth. var. *minor* Bolus in part (58)
Perennial. Shrub. Ht up to 0.5 m. WC

filipendula Benth. var. *filipendula* = **E. filipendula** subsp. **filipendula**

filipendula Benth. var. *major* Bolus = **E. penduliflora**

filipendula Benth. var. *minor* Bolus in part = **E. filipendula** subsp. **parva**

filipendula Benth. var. *minor* Bolus in part = **E. globulifera**

fimbriata Andrews
E. physantha Benth. var. *aristulata* Bolus (2)
Perennial. Shrub. Ht up to 0.7 m. WC

flacca E.Mey. ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

flanaganii Bolus
Perennial. Shrub. Ht up to 0.9 m. KZN, L

flavicoma Bartl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

×**flavisepala** Guthrie & Bolus
E. thunbergii × *E. sphaerocephala* (20)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

flexistyla E.G.H.Oliv. (37)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

floccifera Zahlbr.
E. floccosa Bartl. (4)
Perennial. Shrub. Ht up to 0.7 m. WC

flocciflora Benth.
Perennial. Shrub. Ht up to 1 m. WC

floccosa Bartl. = **E. floccifera**

floribunda Lodd. = **E. sparsa** var. **sparsa**

florifera (Compton) E.G.H.Oliv.
Eremia florifera Compton (51)
E. copiosa J.C.Wendl. var. *parvisepala* Bolus (51)
E. cupuliflora Dulfer (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

foliacea Andrews subsp. **foliacea**
E. foliacea Andrews var. *foliacea* in part (60)
Perennial. Shrub, dwarf shrub. Ht up to 600 mm. WC

foliacea Andrews subsp. **fulgens** (Klotsch) E.G.H.Oliv. & I.M.Oliv. ms
E. foliacea Andrews var. *fulgens* (Klotzsch) Bolus (60)
Perennial. Shrub. Ht? WC

foliacea Andrews var. *foliacea* in part = **E. foliacea** subsp. **foliacea**

foliacea Andrews var. *fulgens* (Klotzsch) Bolus = **E. foliacea** subsp. **fulgens**

foliacea Andrews var. *galpinii* (Salter) Dulfer = **E. galpinii**

foliacea in sense of Guthrie & Bolus = **E. ceraria**

follicularis Salisb. = **E. melastoma** subsp. **melastoma**

fontana L.Bolus
Perennial. Shrub. Ht up to 1.8 m. WC

formosa Thunb.
Perennial. Shrub. Ht up to 0.6 m. WC

forsteri Dulfer (doubtful species?) (60)
Perennial. Shrub. Ht? WC

fourcadei L.Bolus
Perennial. Shrub. Ht up to 0.5 m. WC

frigida Bolus
Perennial. Shrub. Ht up to 1 m. FS, KZN, L, EC

fucata Klotzsch ex Benth. = **E. rubiginosa** var. **rubiginosa**

fucata Klotzsch ex Benth. var. *caespitosa* Bolus = **E. rubiginosa** var. **caespitosa**

fuscescens (Klotzsch) E.G.H.Oliv.
Blaeria fuscescens Klotzsch (31)
Perennial. Shrub. Ht up to 1 m. WC, EC

galgebergensis H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

gallorum L.Bolus = **E. viscaria** subsp. **gallorum**

galpinii Salter
E. foliacea Andrews var. *galpinii* (Salter) Dulfer (60)
Perennial. Shrub. Ht up to 1.2 m. WC

garciae E.G.H.Oliv. (47)
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC

genistifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

georgica Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

gibbosa Klotzsch ex Benth. = **E. scabriuscula**

gigantea Klotzsch ex Benth.
Perennial. Shrub. Ht up to 2 m. WC

gillii Benth.
Perennial. Shrub. Ht up to 1 m. WC

gilva J.C.Wendl. = **E. mammosa**

glabella Thunb. subsp. **glabella**
Blaeria purpurea P.J.Bergius, not *E. purpurea* Thunb. (51)
Simocheilus depressus (Licht. ex Roem. & Schult.) Benth. var. *depressus* (51)
Simocheilus depressus (Licht. ex Roem. & Schult.) Benth. var. *patens* N.E.Br. (51)
Simocheilus glabellus (Thunb.) Benth. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

glabella Thunb. subsp. **laevis** E.G.H.Oliv.
Simocheilus acutangulus N.E.Br. (51)
Simocheilus globiferus N.E.Br. (51)
Simocheilus hirsutus Benth. (51)
Simocheilus hirtus (Klotzsch) E.G.H.Oliv. (51)
Simocheilus patulus N.E.Br. (51)
Simocheilus submuticus Benth. (51)
Simocheilus subrigidus N.E.Br. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

glabra Thunb. = **E. inaequalis**

glabripes L.Bolus (possible natural hybrid) (60)
Perennial. Dwarf shrub. Ht? WC

glandulifera Klotzsch
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

glandulipila Compton
E. umbonata Compton (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

glandulosa Thunb. var. **bondiae** (Compton) Dulfer
E. bondiae Compton (4)
Perennial. Shrub. Ht 0.4–1.2 m. WC

glandulosa Thunb. var. **breviflora** Bolus
Perennial. Shrub. Ht? WC

glandulosa Thunb. var. **glandulosa**
Perennial. Shrub. Ht up to 1.5 m. WC

glaphyra Killick (6)
Perennial. Shrub. Ht up to 1.2 m. KZN

glauca Andrews var. **elegans** (Andrews) Bolus
E. elegans Andrews (1)
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC

glauca Andrews var. **glauca**
Perennial. Shrub. Ht up to 2 m. WC

globiceps (N.E.Br.) E.G.H.Oliv. subsp. **consors** (N.E.Br.) E.G.H.Oliv.
Simocheilus consors N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

globiceps (N.E.Br.) E.G.H.Oliv. subsp. **globiceps**
Syndesmanthus elimensis N.E.Br. var. *elimensis* (51)
Syndesmanthus globiceps N.E.Br. (51)
Syndesmanthus sympeizoides N.E.Br. (51)
Syndesmanthus zeyheri Bolus (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

globiceps (N.E.Br.) E.G.H.Oliv. subsp. **gracilis** (N.E.Br.) E.G.H.Oliv.
Syndesmanthus gracilis (Benth.) N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

globosa Andrews, not of Willd. = **E. hirta**

globosa Andrews var. *subterminalis* (Klotzsch) Bolus = **E. hirta**

globulifera Dulfer
E. filipendula Benth. var. *minor* Bolus in part (58)
Perennial. Shrub. Ht up to 0.91 m. WC

glomiflora Salisb. var. **canthariformis** (Lodd.) Bolus
Perennial. Shrub. Ht? WC

glomiflora Salisb. var. **glomiflora**
Perennial. Shrub. Ht up to 1 m. WC

glumiflora Klotzsch ex Benth.
Perennial. Shrub. Ht up to 0.6 m. WC

glutinosa P.J.Bergius var. **glutinosa**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

glutinosa P.J.Bergius var. **parviflora** Benth.
Perennial. Dwarf shrub. Ht? WC

gnaphaloides L.
E. crucistigmatica Dulfer (60)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

goatcheriana L.Bolus var. **drakensteinensis** L.Bolus
Perennial. Shrub. Ht up to 0.9 m. WC

goatcheriana L.Bolus var. **goatcheriana**
Perennial. Shrub. Ht up to 1.5 m. WC

goatcheriana L.Bolus var. **petrensis** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

gossypioides E.G.H.Oliv. (8)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

gracilipes Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

gracilis J.C.Wendl.
Perennial. Shrub. Ht up to 0.5 m. WC

grandiflora L.f. var. *exsurgens* (Andrews) E.G.H.Oliv. = **E. abietina** subsp. **aurantiaca**

grandiflora L.f. var. *grandiflora* = **E. abietina** subsp. **aurantiaca**

granulatifolia H.A.Baker (14)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

granulosa H.A.Baker (10)
Perennial. Shrub. Ht up to 0.45 m. WC

grata Guthrie & Bolus
Perennial. Shrub. Ht up to 0.4 m. WC

greyi Guthrie & Bolus
E. auriculata Guthrie & Bolus (33)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

grisbrookii Guthrie & Bolus
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC

guthriei Bolus var. **guthriei**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

guthriei Bolus var. **strictior** Bolus
Perennial. Shrub. Ht up to 0.3 m. WC

gysbertii Guthrie & Bolus var. **ampliata** L.Bolus
Perennial. Shrub. Ht? WC

gysbertii Guthrie & Bolus var. **gysbertii**
Perennial. Shrub. Ht up to 1 m. WC

gysbertii Guthrie & Bolus var. **longiflora** L.Bolus
Perennial. Shrub. Ht? WC

haemantha Bolus = **E. lateralis**

haemastoma J.C.Wendl.
Perennial. Shrub. Ht up to 1 m. WC

haematocodon Salter
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

haematosiphon Guthrie & Bolus
E. coralliflora Compton (2)
E. macropus Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 1.2 m. WC

halicacaba L.
Perennial. Shrub. Ht up to 1 m. WC

hameriana L.Bolus
Perennial. Shrub. Ht up to 0.6 m. WC

hanekomii E.G.H.Oliv. (48)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

hansfordii E.G.H.Oliv. (46)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

haroldiana Skan = **E. eugenea**

harveyana Guthrie & Bolus
E. jeppei L.Bolus (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

hebdomadalis E.G.H.Oliv. & I.M.Oliv. (44)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

hebecalyx Benth.
Perennial. Shrub. Ht up to 1 m. WC

heleogena Salter
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

heleophila Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

hendricksei H.A.Baker var. **alba** H.A.Baker (7)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

hendricksei H.A.Baker var. **hendricksei** (7)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

hermani E.G.H.Oliv. (32)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

hesseana Klotzsch = **E. abietina** subsp. **atrorosea**

heterophylla Guthrie & Bolus (60—mixed collection)
Perennial. Shrub. Ht? WC

hexensis E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1 m. WC

hibbertii Andrews, as '*hibbertia*' (58)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

hillburttii (E.G.H.Oliv.) E.G.H.Oliv.
Ericinella hillburttii E.G.H.Oliv. (34)
Perennial. Shrub. Ht up to 1.5 m. WC

hippurus Compton
Perennial. Shrub. Ht up to 0.9 m. WC

hirsuta Klotzsch ex Benth. = **E. aneimena**

hirta Thunb.
E. globosa Andrews, not of Willd. (60)
E. globosa Andrews var. *subterminalis* (Klotzsch) Bolus (60)
E. sphaeroidea Dulfer var. *sphaeroidea* (60)
E. sphaeroidea Dulfer var. *subterminalis* (Klotzsch) Dulfer (60)
Perennial. Shrub. Ht up to 1 m. WC

hirtiflora Curtis var. **hirtiflora**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC

hirtiflora Curtis var. **minor** (Andrews) Benth.
Perennial. Dwarf shrub. Ht? WC

hispidula L. var. **hispidula**
E. blancheana L.Bolus (60)
E. inops Bolus (60)
Perennial. Shrub. Ht up to 1(–1.8) m. WC

hispidula L. var. **micrantha** Benth.
Perennial. Shrub. Ht? WC

hispidula L. var. **serpyllifolia** (Andrews) Benth.
Perennial. Shrub. Ht? WC

hispidula L. var. **viscidula** (L.Bolus) Dulfer
E. viscidula L.Bolus (30)
Perennial. Shrub. Ht up to 1 m. WC

hispiduloides E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1.2 m. WC

holosericea Salisb. var. **holosericea**
Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. WC

holosericea Salisb. var. **parviflora** Bolus
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC

holtii Schweick.
Perennial. Dwarf shrub. Ht up to 0.2 m. M, KZN

hottentotica E.G.H.Oliv. (35)
Perennial. Shrub. Ht 0.5–1 m. WC

humansdorpensis Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. EC

humidicola E.G.H.Oliv. (50)
Perennial. Shrub. Ht up to 1 m. WC

humifusa Hibbert ex Salisb.
Perennial. Shrub, dwarf shrub. Ht up to 0.1 m. WC, EC

ignita E.G.H.Oliv. (52)
Perennial. Shrub. Ht 0.5(–1) m. WC

imbricata L.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.21 m. WC

inaequalis (Klotzsch) E.G.H.Oliv.
E. glabra Thunb., not *E. glabra* Gilib. (51)
Pachycalyx inaequalis Klotzsch (51)
Simocheilus albirameus N.E.Br. (51)
Simocheilus bicolor (Klotzsch) Benth. (51)
Simocheilus ecklonianus Benth., illegitimate name (51)
Simocheilus glaber (Thunb.) Benth. (51)
Simocheilus hispidus (Klotzsch) Benth. (51)
Simocheilus klotzschianus Benth. var. *glabrifolia* N.E.Br. (51)
Simocheilus klotzschianus Benth. var. *klotzschianus* (51)
Simocheilus puberulus (Klotzsch) E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 400 mm. NC, WC

inamoena Dulfer
E. blesbergensis H.A.Baker (60)
Perennial. Shrub. Ht up to 0.8 m. WC

incarnata Thunb.
Perennial. Shrub. Ht up to 0.6 m. WC

inclusa H.L.Wendl. ex Benth.
Perennial. Shrub. Ht up to 1.2 m. WC

inconstans Zahlbr.
Perennial. Shrub. Ht up to 2 m. WC

incurva J.C.Wendl. var. *barbigera* Bolus = **E. bruniifolia** var. **barbigera**

incurva J.C.Wendl. var. *incurva* = **E. bruniifolia** var. **bruniifolia**

incurva J.C.Wendl. var. *solandroides* (Andrews) Bolus = **E. bruniifolia** var. **solandroides**

incurva J.C.Wendl. var. *stellata* Bolus = **E. bruniifolia** var. **stellata**

incurva J.C.Wendl. var. *subglabra* Bolus = **E. bruniifolia** var. **subglabra**

inflata Thunb.
Perennial. Shrub. Ht up to 1 m. WC

inflaticalyx E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.6 m. WC

infundibuliformis Andrews
E. pavettiflora Salisb. (4)
Perennial. Shrub. Ht up to 1 m. WC

ingeana E.G.H.Oliv. (30)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

innovans E.G.H.Oliv.
Syndesmanthus pumilus N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

inops Bolus = **E. hispidula** var. **hispidula**

inordinata H.A.Baker (11)
Perennial. Shrub. Ht up to 1.2 m. WC

insignis E.G.H.Oliv. (21)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

insolitanthera H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC

intermedia Klotzsch ex Benth. subsp. **albiflora** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 1 m. WC

intermedia Klotzsch ex Benth. subsp. **intermedia**
E. coccinea L. var. *intermedia* (Klotzsch ex Benth.) Dulfer (58)
E. petiveri L. var. *intermedia* (Klotzsch ex Benth.) Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC

interrupta (N.E.Br.) E.G.H.Oliv.
Thoracosperma interruptum N.E.Br. (51)

Perennial. Dwarf shrub. Ht up to 0.2 m. WC

intervallaris Salisb. var. *breviflora* Dulfer = **E. duthieae**

intervallaris Salisb. var. **grandiflora** Bolus
Perennial. Dwarf shrub. Ht? WC

intervallaris Salisb. var. **intervallaris**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. WC

intervallaris Salisb. var. **trifolia** H.A.Baker (18)
Perennial. Dwarf shrub. Ht? WC

intonsa L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

intricata H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

involucrata Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

involvens Benth.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ioniana E.G.H.Oliv. (32)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

ionii H.A.Baker = **E. umbelliflora**

irbyana Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

irregularis Benth.
Perennial. Shrub. Ht up to 1.5 m. WC

irrorata Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

ixanthera Benth.
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

jacksoniana H.A.Baker (11)
Perennial. Shrub. Ht up to 1.5 m. WC

jasminiflora Salisb.
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

jeppei L.Bolus = **E. harveyana**

jonasiana E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

jugicola E.G.H.Oliv. & I.M.Oliv. (57)
Perennial. dwarf shrub. Ht up to 0.1 m. WC

juniperina E.G.H.Oliv. (37)
Perennial. Shrub. Ht up to 0.5 m. WC

junonia Bolus var. **junonia**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

junonia Bolus var. **minor** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

kammanassieae E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.8 m. WC

karooica E.G.H.Oliv. (36)
Perennial. Shrub. Ht up to 1.25 m. WC

karwyderi E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

keeromsbergensis H.A.Baker (13)
Perennial. Dwarf shrub. Ht? WC

keetii L.Bolus
Perennial. Shrub. Ht up to 0.6 m. WC

kirstenii E.G.H.Oliv. (52)
Perennial. Dwarf shrublet. Ht up to 0.25 m. WC

klotzschii (Alm & T.C.E.Fr.) E.G.H.Oliv.
Blaeria klotzschii Alm & T.C.E.Fr. (31)
Blaeria pusilla Klotzsch, not of L. (31)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

kogelbergensis E.G.H.Oliv.
E. serratifolia Andrews var. *subnuda* L.Bolus (40)
Perennial. Shrub. Ht up to 1.5 m. WC

kougabergensis H.A.Baker var. **kougabergensis** (10)
Perennial. Shrub. Ht up to 0.3 m. EC

kougabergensis H.A.Baker var. **recurvifolia** H.A.Baker (14)
Perennial. Shrub. Ht up to 0.5 m. WC, EC

kraussiana Klotzsch
Perennial. Shrub. Ht? WC

krigeae Compton = **E. petraea**

krugeri E.G.H.Oliv. (16)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

labialis Salisb.
Blaeria bracteata J.C.Wendl. (51)
E. capitella Thunb. ex Rach (51)
Sympieza articulata in sense of N.E.Br., not *E. articulata* (L.) Thunb. (51)
Sympieza articulata in sense of N.E.Br. var. *hians* N.E.Br. (51)
Sympieza brachyphylla Benth. (51)
Sympieza breviflora N.E.Br. (51)
Sympieza capitellata Licht. ex Roem. & Schult. (51)
Sympieza capitellata Licht. ex Roem. & Schult. var. *angustata* N.E.Br. (51)
Sympieza capitellata Licht. ex Roem. & Schult. var. *crassistigma* N.E.Br. (51)
Sympieza labialis (Salisb.) Druce (51)
Sympieza pallescens N.E.Br. (51)
Sympieza tenuiflora Benth. (51)
Sympieza vestita N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

lachnaeifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

lachnaeoides G.Don = hort. hybrid (60)

laeta Bartl.
Perennial. Shrub. Ht up to 0.4 m. WC

laevigata Bartl. var. **elongata** Bolus
Perennial. Dwarf shrub. Ht? WC

laevigata Bartl. var. **laevigata**
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

lageniformis Salisb.
Perennial. Dwarf shrub. Ht up to 0.7 m. WC

lananthera L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

lanata Andrews
Perennial. Shrub. Ht up to 1 m. WC

langebergensis H.A.Baker (18)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

lanipes Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

lanuginosa Andrews
Perennial. Shrub. Ht up to 0.6 m. WC

lasciva Salisb.
E. accommodata Klotzsch ex Benth. var. *ebracteata* Bolus (27)
Philippia stokoei L.Guthrie (27)
Perennial. Dwarf shrub. Ht up to 0.9 m. WC

lasiocarpa Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. KZN

lateralis Willd.
E. haemantha Bolus (2)

E. montana L.Bolus (2)
E. oreina Dulfer (60)
Perennial. Shrub, dwarf shrub. Ht up to 0.5 m. WC

lateriflora E.G.H.Oliv.
Grisebachia secundiflora E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

latiflora L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

latifolia Andrews
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

latituba L.Bolus
Perennial. Shrub. Ht up to 1.5 m. WC

lavandulifolia Salisb.
Perennial. Shrub. Ht up to 1.5(–2) m. WC

lawsonia Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

lehmannii Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1 m. WC

lepidota Rach
Perennial. Dwarf shrub, shrub. Ht up to 0.7 m. NC, WC

leptantha Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

leptoclada Van Heurck & Müll.Arg. var. **aristata** Bolus
Perennial. Dwarf shrub. Ht? WC

leptoclada Van Heurck & Müll.Arg. var. **leptoclada**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

leptopus Benth. var. **breviloba** Bolus
Perennial. Dwarf shrub. Ht? WC

leptopus Benth. var. **leptopus**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

leptopus Benth. var. **piquetbergensis** Bolus
Perennial. Dwarf shrub. Ht? WC

leptostachya Guthrie & Bolus = **E. scoparia** (European species)

leptostachya Guthrie & Bolus var. *glabra* Dulfer = **E. natalitia** var. **natalitia**

lerouxiae Bolus
Perennial. Shrub. Ht up to 1.8 m. WC

leucantha Link
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

leucanthera L.f.
Perennial. Shrub. Ht up to 0.6 m. WC

leucodesmia Benth.
Perennial. Shrub. Ht up to 1 m. WC

leucopelta Tausch var. **ephebioides** Bolus
Perennial. Shrub, dwarf shrub. Ht 0.3–1.75 m. M

leucopelta Tausch var. **leucopelta**
Perennial. Shrub. Ht up to 1.5 m. LIM, M, S, KZN, L, EC
Note: the taxonomy of this species is very confusing and involves *E. maesta* and *E. natalitia*.

leucopelta Tausch var. **luxurians** I.Verd.
Perennial. Shrub. Ht up to 2.5 m. M, S

leucopelta Tausch var. **pubescens** Bolus
Perennial. Shrub. Ht up to 0.9 m. KZN, EC

leucosiphon L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

leucotrachela H.A.Baker
Perennial. Shrub. Ht up to 1.5 m. WC

lignosa H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

limosa L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

limnophila E.G.H.Oliv. (55)
Perennial. Dwarf shrublet. Ht up to 0.15 m. WC

lineata Benth. = **E. plukenetii** subsp. **lineata**

lithophila E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 0.02 m. WC

loganii Compton
Perennial. Shrub. Ht up to 0.9 m. WC

longiaristata Benth.
Perennial. Shrub. Ht up to 0.75 m. WC

longifolia Bauer var. *amplicata* Bolus = **E. vestita**

longifolia Bauer var. *breviflora* Dulfer = **E. viscaria** subsp. **pustulata**

longifolia Bauer var. *contracta* Bolus = **E. viscaria** subsp. **longifolia**

longifolia Bauer var. *longifolia* = **E. viscaria** subsp. **longifolia**

longifolia Bauer var. *maritima* Bolus = **E. vestita**

longifolia Bauer var. *squarrosa* Bolus = **E. viscaria** subsp. **longifolia**

longifolia Bauer var. *stricta* Dulfer = **E. viscaria** subsp. **longifolia**

longifolia Bauer var. *viridis* (Andrews) Bolus = **E. viscaria** subsp. **macrosepala**

longimontana E.G.H.Oliv.
Blaeria coccinea Klotzsch, not *E. coccinea* L. (31)
Blaeria fastigiata Benth., not *E. fastigiata* L. (31)
Perennial. Shrub. Ht up to 0.6 m. WC

longipedunculata Lodd. var. **intermedia** (Bolus) Dulfer
E. dumosa Andrews var. *intermedia* Bolus (4)
Perennial. Dwarf shrub. Ht? WC

longipedunculata Lodd. var. **longipedunculata**
E. dumosa Andrews (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

longipedunculata Lodd. var. **setifera** (Bolus) Dulfer
E. dumosa Andrews var. *setifera* Bolus (4)
Perennial. Dwarf shrub. Ht? WC

longipes Klotzsch ex Benth. = **E. newdigateae**

longisepala Guthrie & Bolus = **E. parilis** var. **parilis**

longistyla L.Bolus var. **appressa** Dulfer (3)
Perennial. Dwarf shrub. Ht? WC

longistyla L.Bolus var. **longistyla**
Perennial. Shrub. Ht up to 0.4 m. WC

lowryensis Bolus var. **glandulifera** Dulfer
Perennial. Shrub. Ht? WC

lowryensis Bolus var. **lowryensis**
Perennial. Shrub. Ht up to 1(–2) m. WC

lucida Salisb. var. **laxa** (Andrews) Bolus
Perennial. Shrub. Ht? WC

lucida Salisb. var. **lucida**
Perennial. Shrub. Ht up to 1 m. WC

lucida Salisb. var. **pauciflora** Bolus
Perennial. Shrub. Ht? WC

lutea P.J.Bergius
Perennial. Shrub, dwarf shrub. Ht up to 0.9 m. WC

lycopodiastrum Lam.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

macilenta Guthrie & Bolus
Perennial. Shrub. Ht up to 1.5 m. WC

macowanii Cufino
Perennial. Shrub. Ht up to 1.5 m. WC

macra Guthrie & Bolus = **E. nubigena**

macroloma Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

macrophylla Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1 m. WC

macropus Guthrie & Bolus = **E. haematosiphon**

macrotrema Guthrie & Bolus var. **glabripedicellata** Dulfer (3)
Perennial. Shrub. Ht up to 1.5 m. WC

macrotrema Guthrie & Bolus var. **macrotrema**
Perennial. Shrub. Ht up to 1.2 m. WC

maderi Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

madida E.G.H.Oliv.
Philippia irrorata E.G.H.Oliv., not *E. irrorata* Guthrie & Bolus (27)
Perennial. Shrub. Ht up to 2.5 m. WC

maesta Bolus var. **longistyla** Dulfer
Perennial. Shrub? Ht? FS

maesta Bolus var. **maesta** (cf. *E. leucopelta*)
Perennial. Shrub. Ht up to 2 m. FS, KZN, L, WC, EC

magistrati E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1.8 m. WC

magnisylvae E.G.H.Oliv. (42)
Perennial. Shrub. Ht up to 3.5 m. WC

malmesburiensis E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

mammosa L.
E. gilva J.C.Wendl. (58)
Perennial. Shrub. Ht up to 2.5 m. WC

manifesta Compton var. *campanulata* Dulfer = **E. umbelliflora**

manifesta Compton var. *manifesta* = **E. umbelliflora**

margaritacea Sol.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

mariae Guthrie & Bolus = **E. regia** subsp. **mariae**

marifolia Sol.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

maritima Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

marlothii Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

massonii L.f. var. **massonii**
Perennial. Shrub. Ht up to 1 m. WC

massonii L.f. var. **minor** Benth.
Perennial. Shrub. Ht? WC

mauritanica L.
E. viridipurpurea L. (9)
Perennial. Shrub. Ht up to 1 m. WC

maximiliani Guthrie & Bolus
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC

media Klotzsch ex Benth. = **E. umbelliflora**

melanacme Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

melanomontana E.G.H.Oliv. (51)
Scyphogyne orientalis E.G.H.Oliv., not *E. orientalis* R.A.Dyer (51)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. WC

melanthera L.
Perennial. Shrub. Ht up to 0.7 m. WC, EC

melastoma Andrews subsp. **melastoma**
E. coccinea L. var. *inflata* H.A.Baker (58)
E. coccinea L. var. *melastoma* (Andrews) H.A.Baker (58)
E. coccinea L. var. *willdenovii* (Bolus) H.A.Baker (58)
E. follicularis Salisb. (58)
E. petiveri L. var. *melastoma* (Andrews) Benth. (58)
E. petiveri L. var. *willdenovii* Bolus (58)
E. vestiflua Salisb. (58)
Perennial. Shrub. Ht up to 1.5 m. WC

melastoma Andrews subsp. **minor** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 0.7 m. WC

mertensiana J.C.Wendl. ex Klotzsch = hort. hybrid (60)

merxmuelleri Dulfer = **E. natalitia** var. **natalitia**

micrandra Guthrie & Bolus
Perennial. Shrub. Ht up to 0.4 m. WC

microcodon Guthrie & Bolus = **E. mundii**

miniscula E.G.H.Oliv.
Lagenocarpus tenuis Benth., not *E. tenuis* Salisb. (51)
Lepterica tenuis (Benth.) N.E.Br. (51)
Scyphogyne tenuis (Benth.) E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

minutissima Klotzsch ex Benth. = **E. quadrangularis**

mira Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

mitchellensis Dulfer
E. saxatilis L.Bolus, not of Salisb. (4)
Perennial. Shrub. Ht up to 0.2 m. WC

modesta Salisb.
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

mollis Andrews
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

monadelphia Andrews (58)
Perennial. Shrub. Ht up to 0.6 m. WC

monantha Compton
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

monsoniana L.f. var. **exserta** Klotzsch
Perennial. Shrub. Ht? WC

monsoniana L.f. var. **monsoniana**
Perennial. Shrub. Ht up to 1.5 m. WC

montana L.Bolus = **E. lateralis**

moschata Andrews = **E. cristiflora** var. **moschata**

montis-hominis E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

mucosa L. = **E. ferrea**

mucronata Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

muirii L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

multiflexuosa E.G.H.Oliv.
Blaeria flexuosa Benth., not *E. flexuosa* Andrews (31)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

multumbellifera P.J.Bergius
E. ramentacea L. (4)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

mundii Guthrie & Bolus
E. microcodon Guthrie & Bolus (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

muscosa (Aiton) E.G.H.Oliv.
Blaeria albida Thunb. (51)
Blaeria muscosa Aiton (51)
Blaeria pusilla J.C.Wendl. (51)
E. albens in sense of Thunb., not of L. (51)
E. albida (Thunb.) Thunb. (51)
Omphalocaryon muscosum (Aiton) Klotzsch var. *glabrum* Klotzsch (51)
Omphalocaryon muscosum (Aiton) Klotzsch var. *muscosum* (51)
Scyphogyne inconspicua Decne. (51)
Scyphogyne inconspicua Decne. var. *ciliata* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *glabriflora* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *pubescens* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *vestita* N.E.Br. (51)
Scyphogyne muscosa (Aiton) Druce (51)
Scyphogyne schlechteri N.E.Br. (51)
Perennial. Shrub. Ht 0.5–2 m. WC, NC

myriocodon Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

nabea Guthrie & Bolus
Perennial. Shrub. Ht up to 1.5 m. WC, EC

nana Salisb.
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

natalensis Dulfer
E. thodei Gilg, not *E. thodei* Guthrie & Bolus (30)
Perennial. Dwarf shrub. Ht? KZN

natalitia Bolus var. *brevipedicellata* Dulfer = **E. binaria**

natalitia Bolus var. **natalitia**
E. leptostachya Guthrie & Bolus var. *glabra* Dulfer (60)
E. merxmuelleri Dulfer (60)
Perennial. Shrub. Ht up to 2.4 m. LIM, M, KZN, EC

natalitia Bolus var. **robusta** Dulfer (3)
Perennial. Shrub. Ht? KZN

navigatoris E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

nematophylla Guthrie & Bolus
E. filamentosa Andrews var. *longiflora* Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC

nemorosa Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1 m. WC

nervata Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

nevillei L.Bolus
Perennial. Shrub. Ht up to 0.3 m. WC

newdigateae Dulfer
E. longipes Klotzsch ex Benth., not *E. longipes* Bartl. (4)
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC

nidularia Lodd. = hort. hybrid (60)

nigrimontana Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

nivalis Andrews = hort. hybrid (60)

nivea Sinclair
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC

nobilis Guthrie & Bolus = **E. eugenea**

nodiflora Klotzsch = **E. rhopalantha** var. **rhopalantha**

niveniana E.G.H.Oliv.
Syndesmanthus nivenii N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

notholeeana (E.G.H.Oliv.) E.G.H.Oliv.
Philippia notholeeana E.G.H.Oliv. (27)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

nubigena Bolus
E. macra Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

nudiflora L.
Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. WC

nutans J.C.Wendl.
E. deliciosa H.L.Wendl. ex Benth. (60)
Perennial. Shrub. Ht up to 1.5 m. WC, EC

oakesiorum E.G.H.Oliv. (41)
Perennial. Shrub. Ht up to 2 m. WC

oatesii Rolfe var. **latifolia** Bolus
Perennial. Shrub. Ht up to 1.2 m. KZN

oatesii Rolfe var. **oatesii**
Perennial. Shrub. Ht up to 1.2 m. M, S, FS, KZN

obconica H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC

obliqua Thunb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

oblongiflora Benth.
Perennial. Shrub. Ht up to 1 m. WC

obtusata Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

occulta E.G.H.Oliv. (19)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ocellata Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

octonaria L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

odorata Andrews
Perennial. Shrub. Ht up to 0.9 m. WC

oligantha Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

oliveri H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

omninoglabra H.A.Baker (18)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

onosmiflora Salisb. = **E. viscaria** subsp. **macrosepala**

onusta Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

oophylla Benth.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

opulenta (J.C.Wendl. ex Klotzsch) Benth.
Perennial. Shrub. Ht up to 1.5 m. WC

orculiflora Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.35 m. WC

oreina Dulfer = **E. lateralis**

oreophila Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

oreotragus E.G.H.Oliv.
E. esterhuyseniae Compton var. *trimera* Compton (56)
Perennial. Dwarf shrublet. Ht up to 0.4 m. WC

oresigena Bolus
E. oresigena Bolus var. *intermedia* Bolus (2)
Perennial. Shrub. Ht up to 1.5 m. WC

oresigena Bolus var. *intermedia* Bolus = **E. oresigena**

oresigena Bolus var. *mollipila* Bolus = **E. taylorii**

orientalis R.A.Dyer
Perennial. Dwarf shrub. Ht up to 0.3 m. EC

orthiocola E.G.H.Oliv. (49)
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC

ostiaria Compton
Perennial. Shrub. Ht up to 1.3 m. WC

outeniquae (Compton) E.G.H.Oliv.
Eremiella outeniquae Compton (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

ovina Klotzsch var. **ovina**
Perennial. Shrub. Ht up to 0.9 m. WC

ovina Klotzsch var. **purpurea** Bolus
Perennial. Shrub. Ht? WC

oxyandra Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

oxycoccifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

oxysepala Guthrie & Bolus
Perennial. Shrub. Ht up to 0.7 m. WC

oxysepala Guthrie & Bolus var. *pubescens* Guthrie & Bolus = **E. sphaerocephala**

pageana L.Bolus
Perennial. Shrub. Ht up to 0.9 m. WC

pallens Andrews = hort. hybrid (60)

palliiflora Salisb.
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

paludicola L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

paniculata L.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

pannosa Salisb.
E. barbata Andrews var. *major* Andrews (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

papyracea Guthrie & Bolus
Perennial. Shrub. Ht up to 1 m. WC

parilis Salisb. var. **parilis**
E. longisepala Guthrie & Bolus (2)
Perennial. Shrub. Ht up to 1(–2) m. WC

parilis Salisb. var. **parviflora** Benth.
Perennial. Shrub. Ht? WC

parviflora L. var. **exigua** (Salisb.) Bolus
Perennial. Shrub. Ht? WC

parviflora L. var. **glabra** Compton
Perennial. Shrub. Ht? WC

parviflora L. var. **hispida** Bolus
Perennial. Shrub. Ht? WC

parviflora L. var. **inermis** (Klotzsch) Bolus
Perennial. Shrub. Ht? WC

parviflora L. var. **parviflora**
Perennial. Dwarf shrub, shrub. Ht 0.2–1 m. WC

parviflora L. var. **puberula** (Bartl.) Bolus
Perennial. Shrub. Ht? WC

parviflora L. var. **ternifolia** Bolus
Perennial. Dwarf shrub. Ht? WC

parviporandra E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC

parvula Guthrie & Bolus = **E. equisetifolia**

parvulisepala H.A.Baker = **E. xanthina**

passerinae Montin
Perennial. Dwarf shrub. Ht up to 0.6 m. WC, EC

passerinoides (Bolus) E.G.H.Oliv.
Ericinella passerinoides Bolus (34)
Perennial. Shrub. Ht up to 0.5 m. EC

patens Andrews = hort. hybrid (60)

patersonii Andrews, not of L.Bolus (58)
E. abietina in sense of Benth., not of L. (58)
Perennial. Shrub. Ht up to 0.5(–1) m. WC

patersonii L.Bolus = **E. viscaria** subsp. **pustulata**

paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **ciliata** (Klotzsch) E.G.H.Oliv. (51)
Syndesmanthus ciliatus (Klotzsch) Benth. (51)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **paucifolia** (51)
Blaeria paucifolia J.C.Wendl. (51)
Syndesmanthus paucifolius (J.C.Wendl.) Benth. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **squarrosa** (Benth.) E.G.H.Oliv. (51)
Syndesmanthus squarrosus Benth. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

pauciovulata H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

pavettiflora Salisb. = **E. infundibuliformis**

pearsoniana L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

pectinata Klotzsch = **E. cristata**

pectinifolia Salisb. var. **oblongifolia** Dulfer
Perennial. Shrub. Ht? WC

pectinifolia Salisb. var. **pectinifolia**
Perennial. Shrub. Ht up to 1.5 m. WC

pellucida Sol. ex Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

peltata Andrews
Philippia pallida L.Guthrie (27)
Perennial. Shrub. Ht up to 0.6(–1.2) m. WC

penduliflora E.G.H.Oliv.
E. filipendula Benth. var. *major* Bolus (54)
Perennial. Shrub. Ht up to 1.5 m. WC

penicilliformis Salisb. var. **chrysantha** (Klotzsch ex Benth.) Dulfer
E. calyculata J.C.Wendl. var. *chrysantha* (Klotzsch ex Benth.) Bolus (4)
Perennial. Shrub. Ht? WC

penicilliformis Salisb. var. **penicilliformis**
E. calyculata J.C.Wendl. var. *calyculata* (4)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

perlata Sinclair
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC

permutata Dulfer
E. confusa Guthrie & Bolus, not *E. confusa* Gandog. (4)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

perplexa E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC

perspicua J.C.Wendl. var. **lanceolata** Bolus
Perennial. Shrub. Ht? WC

perspicua J.C.Wendl. var. **latifolia** Bolus
Perennial. Shrub. Ht? WC

perspicua J.C.Wendl. var. **perspicua**
Perennial. Shrub. Ht up to 2 m. WC

petiolaris Lam.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

petiveri L. = **E. coccinea** subsp. **coccinea**

petiveri L. var. *intermedia* (Klotzsch ex Benth.) Bolus = **E. intermedia** subsp. **intermedia**

petiveri L. var. *melastoma* (Andrews) Benth. = **E. melastoma** subsp. **melastoma**

petiveri L. var. *pubescens* Bolus = **E. coccinea** subsp. **coccinea**

petiveri L. var. *willdenovii* Bolus = **E. melastoma** subsp. **melastoma**

petraea Benth.
E. krigeae Compton (2)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

petricola E.G.H.Oliv.
Philippia petrophila E.G.H.Oliv. (27)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

petrophila L.Bolus
Perennial. Dwarf shrub. Ht up to 0.05 m. WC

petrusiana E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 0.5 m. WC

peziza Lodd.
Perennial. Shrub. Ht up to 2 m. WC

phacelanthera E.G.H.Oliv.
Omphalocaryon capitatum Klotzsch (51)
Scyphogyne brevifolia Benth. (51)
Scyphogyne capitata (Klotzsch) Benth. var. *brevifolia* (Benth.) N.E.Br. (51)
Scyphogyne capitata (Klotzsch) Benth. var. *capitata* (51)
Scyphogyne viscida N.E.Br. (51)
Perennial. Shrub. Ht up to 1 m. WC

phaeocarpa E.G.H.Oliv.
Simocheilus quadrisulcus N.E.Br., name rejected (51)
Perennial. Shrub. Ht up to 1 m. WC

philippioides Compton
Perennial. Shrub. Ht up to 0.8 m. NC, WC

phillipsii L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

phylicifolia Salisb. = **E. abietina** subsp. **atrorosea**

physantha Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

physantha Benth. var. *aristulata* Bolus = **E. fimbriata**

physodes L.
Perennial. Shrub. Ht up to 0.7 m. WC

physophylla Benth.
Perennial. Dwarf shrub. Ht up to 0.05 m. WC

pilaarkopensis H.A.Baker, as '*pillarkopensis*' (18, 60)
Perennial. Shrub. Ht up to 2 m. WC

pillansii Bolus
E. pyrantha L.Bolus (60)
Perennial. Shrub. Ht up to 1.5 m. WC

pilosiflora E.G.H.Oliv. subsp. **pilosiflora**
Acrostemon eriocephalus (Klotzsch) N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

pilosiflora E.G.H.Oliv. subsp. **purpurea** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

pilulifera L.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

pinea Thunb.
E. pinea Thunb. var. *argentiflora* (Andrews) Bolus (58)
E. pinea Thunb. var. *viscosissima* Bolus (58)
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC

pinea Thunb. var. *argentiflora* (Andrews) Bolus = **E. pinea**

pinea Thunb. var. *viscosissima* Bolus = **E. pinea**

piquetbergensis (N.E.Br.) E.G.H.Oliv.
Simocheilus piquetbergensis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

placentiflora Salisb.
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC

planifolia L. var. **calycina** Bolus
Perennial. Dwarf shrub. Ht? WC

planifolia L. var. **planifolia**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

platycalyx E.G.H.Oliv.
Platycalyx pumila N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

plena L.Bolus
E. colorans Andrews var. *breviflora* H.A.Baker (60)
Perennial. Shrub. Ht up to 1 m. WC

plukenetii L. subsp. **bredensis** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 1 m. WC

plukenetii L. subsp. **breviflora** (Dulfer) E.G.H.Oliv. & I.M.Oliv.
E. breviflora Dulfer (58)
E. scariosa Thunb. (58)
Perennial. Shrub. Ht up to 1.8 m. WC

plukenetii L. subsp. **lineata** (Benth.) E.G.H.Oliv. & I.M.Oliv.
E. lineata Benth. (58)
Perennial. Shrub. Ht up to 1.5 m. WC

plukenetii L. subsp. **penicellata** (Andrews) E.G.H.Oliv. & I.M.Oliv.
E. plukenetii L. var. *bicarinata* Bolus (58)
Perennial. Shrub. Ht up to 1.5 m. WC

plukenetii L. subsp. **plukenetii**
E. plukenetii L. var. *brevifolia* Bolus (58)
E. plukenetii L. var. *plukenetii* (58)
Perennial. Shrub. Ht up to 1.5 m. WC

plukenetii L. var. *bicarinata* Bolus = **E. plukenetii** subsp. **penicellata**

plukenetii L. var. *brevifolia* Bolus = **E. plukenetii** subsp. **plukenetii**

plukenetii L. var. *plukenetii* = **E. plukenetii** subsp. **plukenetii**

plumigera Bartl.
Perennial. Shrub. Ht up to 0.7 m. WC

plumosa Thunb.
Grisebachia alba N.E.Br. (51)
Grisebachia apiculata N.E.Br. (51)
Grisebachia bolusii N.E.Br. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *bolusii* (N.E.Br.) E.G.H.Oliv. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *ciliaris*, not *E. ciliaris* L. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *ciliciiflora* (Salisb.) E.G.H.Oliv. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *involuta* (Klotzsch) E.G.H.Oliv. (51)

Grisebachia ciliaris (L.f.) Klotzsch subsp. *multiglandulosa* E.G.H.Oliv. (51)
Grisebachia dregeana Benth. (51)
Grisebachia hirta Klotzsch (51)
Grisebachia hispida Klotzsch (51)
Grisebachia incana (Bartl.) Klotzsch (51)
Grisebachia involuta Klotzsch (51)
Grisebachia nivenii N.E.Br. (51)
Grisebachia pentheri Zahlbr. (51)
Grisebachia pilifolia N.E.Br. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *eciliata* E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *hirta* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *hispida* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *irrorata* E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *pentheri* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *plumosa* (51)
Grisebachia plumosa (Thunb.) Klotzsch var. *scabra* N.E.Br. (51)
Grisebachia plumosa (Thunb.) Klotzsch var. *serrulata* (Benth.) N.E.Br. (51)
Grisebachia rigida N.E.Br. (51)
Grisebachia serrulata Benth. (51)
Grisebachia solivaga N.E.Br. (51)
Grisebachia thunbergii Rach (51)
Grisebachia velleriflora Klotzsch (51)
Grisebachia zeyheriana Klotzsch (51)
Perennial. Shrub. Ht up to 1 m. WC, NC

podophylla Benth.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

pogonanthera Bartl.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

polifolia Salisb. ex Benth. var. **angustata** Bolus
Perennial. Shrub. Ht? WC

polifolia Salisb. ex Benth. var. **polifolia**
Perennial. Shrub. Ht up to 0.6 m. WC

polycoma Benth.
Perennial. Shrub. Ht up to 0.6 m. WC

portenschlagiana Dulfer (insufficiently known) (60)
Perennial. Shrub. Ht? WC

porteri Compton = **E. thomae**

praecox Klotzsch
Perennial. Shrub. Ht up to 0.3 m. WC

praenitens Tausch
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

primulina Bolus = **E. viridiflora** subsp. **primulina**

priorii Guthrie & Bolus
Perennial. Shrub. Ht up to 1.2 m. WC

procaviana (E.G.H.Oliv.) E.G.H.Oliv.
Philippia procaviana E.G.H.Oliv. (27)
Perennial. Shrub. Ht up to 0.3 m. WC

propendens Andrews
E. dulcis L.Bolus (2)
Perennial. Shrub. Ht up to 1 m. WC

propinqua Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

pseudocalycina Compton
Perennial. Dwarf shrub. Ht up to 0.5 m. WC, EC

puberuliflora E.G.H.Oliv.
Thamnium puberulum Klotzsch, not *E. puberula* Bartl. (51)
Thoracosperma puberulum (Klotzsch) N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

pubescens L. var. **glabrifolia** Dulfer
Perennial. Shrub. Ht? WC

pubescens L. var. **pubescens**
Perennial. Shrub. Ht up to 0.6 m. WC

pubigera Salisb.
Perennial. Dwarf shrub. Ht up to 0.8 m. WC

pudens H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.15 m. NC, WC

pulchella Houtt. var. **major** Salter
Perennial. Shrub. Ht? WC

pulchella Houtt. var. **pulchella**
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC

pulchelliflora E.G.H.Oliv.
Syndesmanthus pulchellus N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

pulvinata Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

pulvinata Guthrie & Bolus var. *montana* Guthrie & Bolus = **E. regerminans**

pumila Andrews
Perennial. Dwarf shrub. Ht? WC

purgatoriensis H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

purpurea Andrews = **E. abietina** subsp. **atrorosea**

pusilla Salisb. = **E. canescens** var. **canescens**

pustulata H.A.Baker = **E. viscaria** subsp. **pustulata**

pycnantha Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

pyramidalis Sol. var. **pyramidalis**
Perennial. Shrub. Ht up to 0.6 m. WC

pyramidalis Sol. var. **vernalis** (Lodd.) Benth.
Perennial. Shrub. Ht? WC

pyrantha L.Bolus = **E. pillansii**

pyxidiflora Salisb.
Perennial. Dwarf shrub. Ht up to 0.6 m. WC

quadrangularis Salisb.
E. minutissima Klotzsch ex Benth. (33)
Perennial. Dwarf shrub, shrub. Ht up to 1 m. WC

quadrifida (Benth.) E.G.H.Oliv.
Thoracosperma paniculatum (Thunb.) Klotzsch (51)
Perennial. Shrub. Ht up to 0.7 m. WC

quadrisulcata L.Bolus
Perennial. Dwarf shrub. Ht up to 0.35 m. WC

racemosa Thunb. var. **aristata** L.Bolus
Perennial. Dwarf shrub. Ht? WC

racemosa Thunb. var. **racemosa**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

radicans (L.Guthrie) E.G.H.Oliv. subsp. **radicans**
Thoracosperma muirii L.Guthrie (51)
Thoracosperma radicans L.Guthrie (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

radicans (L.Guthrie) E.G.H.Oliv. subsp. **schlechteri** (N.E.Br.) E.G.H.Oliv.
Acrostemon schlechteri N.E.Br. (51)
E. filiformis Salisb. var. *maritima* Bolus (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

ramentacea L. = **E. multumbellifera**

recta Bolus
Perennial. Shrub. Ht up to 1 m. WC

recurvata Andrews = **E. cumuliflora**

recurvifolia E.G.H.Oliv.
Eremia recurvata Klotzsch, not *E. recurvata* Andrews (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

reenensis Zahlbr.
Perennial. Dwarf shrub. Ht up to 0.5 m. M, FS, KZN, L

regerminans L.
E. ellipticiflora Dulfer (60)
E. pulvinata Guthrie & Bolus var. *montana* Guthrie & Bolus (2)
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC

regia Bartl. subsp. **mariae** (Guthrie & Bolus) E.G.H.Oliv. & I.M.Oliv.
E. mariae Guthrie & Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC

regia Bartl. subsp. **regia**
E. casta Guthrie & Bolus var. *breviflora* Guthrie & Bolus (58)
E. casta Guthrie & Bolus var. *casta* (58)
E. regia Bartl. var. *regia* (58)
E. regia Bartl. var. *variegata* Bolus (58)
E. regia Bartl. var. *williana* Bolus (58)
Perennial. Shrub, dwarf shrub. Ht up to 1.2 m. WC

regia Bartl. var. *regia* = **E. regia** subsp. **regia**

regia Bartl. var. *variegata* Bolus = **E. regia** subsp. **regia**

regia Bartl. var. *williana* Bolus = **E. regia** subsp. **regia**

rehmii Dulfer (3)
Perennial. Shrub. Ht up to 1.5 m. WC

remota (N.E.Br.) E.G.H.Oliv. (51)
Scyphogyne remota N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

retorta Montin
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

revoluta (Bolus) L.E.Davidson (24)
E. austroverna Hilliard (33)
E. subverticillaris Diels ex Guthrie & Bolus var. *revoluta* Bolus (24)
Perennial. Shrub. Ht up to 1 m. M, S, KZN

rhodantha Guthrie & Bolus
Perennial. Shrub. Ht up to 0.5 m. WC

rhodopis (Bolus) Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

rhopalantha Dulfer var. **delapsa** (Bolus) Dulfer
Perennial. Dwarf shrub. Ht? WC

rhopalantha Dulfer var. **rhopalantha**
E. nodiflora Klotzsch (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

ribisaria Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

richardii E.G.H.Oliv. & I.M.Oliv. (55)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

rigidula (N.E.Br.) E.G.H.Oliv.
Blepharophyllum divaricatum Klotzsch, not *E. divaricata* Sincl. (51)
Scyphogyne biconvexa N.E.Br. (51)
Scyphogyne brownii Compton (51)
Scyphogyne divaricata (Klotzsch) Benth. (51)
Scyphogyne glandulifera N.E.Br. (51)
Scyphogyne longistyla N.E.Br. (51)
Scyphogyne rigidula N.E.Br. (51)
Scyphogyne rigidula N.E.Br. var. *breviciliata* N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. NC, WC

rimarum E.G.H.Oliv. (50)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC

riparia H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

rivularis L.E.Davidson (28)
Perennial. Shrub. Ht up to 0.6 m. M

rosacea (L.Guthrie) E.G.H.Oliv. subsp. **rosacea**
Thoracosperma bondiae Compton (51)
Thoracosperma fourcadei Compton (51)
Thoracosperma galpinii N.E.Br., not *E. galpinii* Salter (51)
Thoracosperma rosaceum L.Guthrie (51)
Perennial. Shrub. Ht up to 0.5 m. WC, EC

rosacea (L.Guthrie) E.G.H.Oliv. subsp. **glabrata** E.G.H.Oliv.
Thoracosperma marlothii N.E.Br., not *E. marlothii* Bolus (51)
Perennial. Shrub. Ht up to 0.3 m. WC

roseoloba E.G.H.Oliv. (39)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

rubens Thunb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

rubiginosa Dulfer var. **caespitosa** (Bolus) Dulfer
E. fucata Klotzsch ex Benth. var. *caespitosa* Bolus (3)
Perennial. Dwarf shrub. Ht? WC

rubiginosa Dulfer var. **rubiginosa**
E. fucata Klotzsch ex Benth., not *E. fucata* Thunb. (3)
E. tenuipedicellata Compton (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

rudolfii Bolus
Perennial. Shrub. Ht up to 1.5 m. WC

rufescens Klotzsch
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

rugata E.G.H.Oliv.
Coccosperma rugosum Klotzsch, not *E. rugosa* Andrews (51)
Salaxis rugosa (Klotzsch) Benth. (51)
Perennial. Shrub. Ht up to 1.5 m. WC

rupicola Klotzsch
Perennial. Dwarf shrub. Ht? WC

russakiana E.G.H.Oliv.
Acrostemon concinnus N.E.Br., not *E. concinna* Sol. (31)
Blaeria kraussiana Klotzsch ex Walp., not *E. kraussiana* Klotzsch (31)
Perennial. Shrub. Ht up to 0.5 m. WC

rusticula E.G.H.Oliv. (50)
Perennial. Dwarf shrublet. Ht up to 0.15 m. WC

sacciflora Salisb.
Perennial. Shrub. Ht up to 1.2 m. WC

sagittata Klotzsch ex Benth.
Blaeria grandis N.E.Br. (31)
Blaeria sagittata (Klotzsch ex Benth.) Alm & T.C.E.Fr. (31)
Perennial. Shrub. Ht up to 1 m. EC

salax Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

salicina E.G.H.Oliv. & I.M.Oliv. ms
E. viminalis E.G.H.Oliv., not *E. viminalis* Salisb. (60)
Perennial. Shrub. Ht up to 1.5 m. WC

salteri L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

saptouensis E.G.H.Oliv. (39)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC

savilea Andrews var. **grandiflora** Bolus
Perennial. Dwarf shrub. Ht? WC

savilea Andrews var. **mutica** L.Bolus
Perennial. Dwarf shrub. Ht? WC

savilea Andrews var. **savilea**
Perennial. Shrub. Ht up to 1 m. WC

saxatilis L.Bolus = **E. mitchellensis**

saxicola Guthrie & Bolus

Perennial. Dwarf shrub. Ht up to 0.15 m. WC

saxigena Dulfer (3)
Perennial. Shrub. Ht up to 1 m. WC

scabriuscula Lodd.
E. gibbosa Klotzsch ex Benth. (60)
Perennial. Shrub. Ht up to 3 m. WC

scariosa P.J.Bergius = **E. spumosa**

scariosa Thunb. = **E. plukenetii** subsp. **breviflora**

schelpeorum E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 1.5 m. WC

schlechteri Bolus
Perennial. Shrub. Ht up to 1.5 m. FS, KZN, L, EC

schmidtii Dulfer (3) (doubtful species) (60)
Perennial. Shrub. Ht? WC

schumannii E.G.H.Oliv. (45)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC

scytophylla Guthrie & Bolus
Perennial. Shrub. Ht up to 1 m. WC

sebana Donn, naked name = **E. coccinea** subsp. **coccinea**

selaginifolia Salisb.
Perennial. Shrub. Ht up to 1 m. WC

senilis Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

senilis Klotzsch ex Benth. var. *australis* Dulfer = **E. tegetiformis**

seriphiifolia Salisb.
Perennial. Shrub. Ht up to 0.3 m. WC

serrata Thunb.
Blaeria serrata (Thunb.) Thunb. (51)
Lagenocarpus ciliatus (Benth.) N.E.Br. (51)
Lagenocarpus imbricatus Klotzsch (51)
Nagelocarpus ciliatus (Benth.) Bullock (51)
Nagelocarpus serratus (Thunb.) Bullock (51)
Salaxis ciliata Benth. (51)
Perennial. Shrub. Ht up to 1.2 m. WC

serratifolia Andrews var. *serratifolia* = hort. hybrid

serratifolia Andrews var. *subnuda* Bolus = **E. kogelbergensis**

sessiliflora L.f.
E. sessiliflora L.f. var. *claviflora* (Salisb.) Bolus (58)
E. sessiliflora L.f. var. *oblanceolata* Bolus (58)
E. sessiliflora L.f. var. *sceptriformis* (Salisb.) Bolus (58)
Perennial. Shrub. Ht up to 2 m. WC

sessiliflora L.f. var. *claviflora* (Salisb.) Bolus = **E. sessiliflora**

sessiliflora L.f. var. *oblanceolata* Bolus = **E. sessiliflora**

sessiliflora L.f. var. *sceptriformis* (Salisb.) Bolus = **E. sessiliflora**

setacea Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

setociliata H.A.Baker (14)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

setosa Bartl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

setulosa Benth.
E. solandra Andrews var. *mollis* Dulfer (33)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

sexfaria Bauer
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

shannonea Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

sicifolia Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

simii (S.Moore) E.G.H.Oliv.
Philippia simii S.Moore (27)
Perennial. Shrub. Ht up to 2 m. LIM

similis (N.E.Br.) E.G.H.Oliv.
Blaeria articulata L., name rejected, not *E. articularis* L. (51)
Syndesmanthus articulatus (L.) Klotzsch var. *articulatus*, not *E. articularis* L. (51)
Syndesmanthus articulatus (L.) Klotzsch var. *fasciculatus* N.E.Br. (51)
Syndesmanthus articulatus (L.) Klotzsch var. *hirtus* Benth. (51)
Syndesmanthus elimensis N.E.Br. var. *elimensis*, not *E. elimensis* L.Bolus (51)
Syndesmanthus elimensis N.E.Br. var. *incertus* N.E.Br. (51)
Syndesmanthus fasciculatus Klotzsch, not *E. fasciculata* Thunb. (51)
Syndesmanthus scaber Klotzsch, not *E. scabra* Thunb. (51)
Syndesmanthus similis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

simulans Dulfer var. **simulans**
E. decipiens A.Spreng. var. *decipiens* (4)
Perennial. Shrub. Ht up to 2 m. WC, EC

simulans Dulfer var. **tetragona** (Bolus) Dulfer
E. decipiens A.Spreng. var. *tetragona* Bolus (4)
Perennial. Shrub. Ht? EC

simulans Dulfer var. **trivialis** (Klotzsch) Dulfer
E. decipiens A.Spreng. var. *trivialis* (Klotzsch) Bolus (4)
Perennial. Shrub. Ht? EC

sitiens Klotzsch
Perennial. Shrub. Ht up to 0.6 m. WC

sociorum L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

solandra Andrews
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

solandra Andrews var. *mollis* Dulfer = **E. setulosa**

sonderiana Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

sonora Compton = **E. aristifolia**

sparrmannii L.f.
Perennial. Shrub. Ht up to 1 m. WC

sparsa Lodd. var. **glanduloso-pedicellata** Dulfer (3)
Perennial. Shrub. Ht? WC

sparsa Lodd. var. **sparsa**
E. floribunda Lodd., not *E. floribunda* J.C.Wendl. (4)
Perennial. Shrub. Ht up to 2 m. WC, EC

speciosa Andrews
Perennial. Shrub. Ht up to 1 m. WC

spectabilis Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1.5 m. WC

sperata E.G.H.Oliv. (47)
Perennial. Shrub. Ht up to 2 m. WC

sphaerocephala J.C.Wendl. ex Benth.
E. oxysepala Guthrie & Bolus var. *pubescens* Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

sphaeroidea Dulfer var. *sphaeroidea* = **E. hirta**

sphaeroidea Dulfer var. *subterminalis* (Klotzsch) Dulfer = **E. hirta**

sphenanthera Tausch = hort. hybrid (58)

splendens Andrews = **E. tumida** var. **tumida**

spumosa L.
E. scariosa P.J.Bergius (3)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC

squarrosa Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

steinbergiana H.L.Wendl. ex Klotzsch var. **abbreviata** Bolus
Perennial. Dwarf shrub. Ht? WC

steinbergiana H.L.Wendl. ex Klotzsch var. **steinbergiana**
Perennial. Shrub. Ht up to 0.8 m. WC

stenantha Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

stokoei L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

stokoeanthus E.G.H.Oliv.
Stokoeanthus chionophilus E.G.H.Oliv., not *E. chionophila* Guthrie & Bolus (51)
Perennial. Shrub. Ht up to 1.2 m. WC

straminea J.C.Wendl. = hort. hybrid (60)

straussiana Gilg
E. symonsii L.Bolus (60)
E. westii L.Bolus (4)
Perennial. Shrub. Ht up to 0.9 m. KZN, L

strigilifolia Salisb. var. **rosea** Bolus
Perennial. Shrub. Ht? WC

strigilifolia Salisb. var. **strigilifolia**
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC

strigosa Sol.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

stylaris Spreng.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

subcapitata (N.E.Br.) E.G.H.Oliv.
Coccosperma forbesianum Klotzsch, superfluous name (51)
Coccosperma hexandrum (Klotzsch) Druce, not *E. hexandra* (S.Moore) E.G.H.Oliv. (51)
Coccosperma subcapitatum N.E.Br. (51)
Perennial. Shrub. Ht up to 1 m. WC

subdivaricata P.J.Bergius
Perennial. Shrub. Ht up to 0.8 m. WC

subimbricata Compton = **E. imbricata**

subulata J.C.Wendl.
Perennial. Shrub. Ht up to 1 m. WC

subverticillaris Diels ex Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. M

subverticillaris Diels ex Guthrie & Bolus var. *revoluta* Bolus = **E. revoluta**

suffulta J.C.Wendl. ex Benth.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

sulcata Benth. = **E. curviflora** var. **sulcata**

swaziensis E.G.H.Oliv. (30)
Perennial. Dwarf shrub. Ht up to 0.4 m. S

symonsii L.Bolus = **E. straussiana** (60)

syngenesia Compton
Perennial. Shrub. Ht up to 1.7 m. WC

tarantulae E.G.H.Oliv. (35)
Perennial. Dwarf shrub. Ht up to 0.16 m. WC

taxifolia Bauer
Perennial. Shrub. Ht up to 0.6 m. WC

taylorii E.G.H.Oliv.
E. oresigena Bolus var. *mollipila* Bolus (56)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

tegetiformis E.G.H.Oliv. (29)
E. senilis Klotzsch ex Benth. var. *australis* Dulfer (29)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

tegulifolia Salisb.
Perennial. Shrub. Ht up to 1 m. WC

tenax L.Bolus = **E. thomae**

tenella Andrews var. **gracilior** Bolus
Perennial. Dwarf shrub. Ht? WC

tenella Andrews var. **tenella**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC

tenuicaulis Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

tenuifolia L.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

tenuipedicellata Compton = **E. rubiginosa** var. **rubiginosa**

tenuipes Guthrie & Bolus
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC

tenuis Salisb.
Perennial. Dwarf shrub, shrub. Ht up to 1.5 m. WC, EC

terniflora E.G.H.Oliv.
Salaxis triflora Compton, not *E. triflora* L. (51)
Perennial. Shrub. Ht 0.3–0.5 m. WC

tetragona L.f.
Perennial. Shrub. Ht up to 0.6 m. WC

tetrathecoides Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

thamnoides E.G.H.Oliv.
Thamnus multiflorus Klotzsch, not *E. multiflora* L. (51)
Perennial. Shrub. Ht up to 1.5 m. WC, EC

thimifolia J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.15 m. WC

thodei Gilg = **E. natalensis**

thodei Guthrie & Bolus
E. dykei Bolus (30)
Perennial. Shrub. Ht up to 0.6 m. FS, KZN, L, EC

thomae L.Bolus
E. tenax L.Bolus (58)
E. thomae L.Bolus var. *brevisepala* L.Bolus (58)
E. porteri Compton (58)
Perennial. Shrub. Ht up to 1.5 m. WC

thomae L.Bolus var. *brevisepala* L.Bolus = **E. thomae**

thunbergii × *E. sphaerocephala* = **E. ×flavisepala**

thunbergii Montin var. **celsiana** (Lodd.) Benth.
Perennial. Dwarf shrub. Ht? WC

thunbergii Montin var. **thunbergii**
Perennial. Shrub. Ht up to 0.6 m. WC

tomentosa Salisb.
Perennial. Shrub. Ht up to 0.6 m. WC

toringbergensis H.A.Baker (18)
Perennial. Shrub. Ht up to 1.3 m. WC

totta Thunb
Eremia totta (Thunb.) D.Don (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

trachysantha Bolus
Perennial. Shrub. Ht up to 0.6 m. WC, EC

tradouwensis Compton
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

tragulifera Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

transparens P.J.Bergius
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

triceps Link
E. adunca Benth. (60)
Perennial. Shrub. Ht up to 0.6 m. WC

trichadenia Bolus
Perennial. Shrub. Ht up to 1 m. WC

trichoclada Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. KZN

trichophora Benth.
Perennial. Shrub. Ht up to 1 m. WC

trichophylla Benth.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

trichostigma Salter
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

trichroma Benth. var. **imbricata** Bolus
Perennial. Dwarf shrub. Ht? WC

trichroma Benth. var. **trichroma**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

triflora L. var. **rosea** Benth.
Perennial. Shrub. Ht? WC

triflora L. var. **triflora**
Perennial. Shrub. Ht up to 2 m. WC

tristis Bartl.
Philippia absinthoides (Thunb.) E.G.H.Oliv., not *E. absinthoides* L. (27)
Philippia chamissonis Klotzsch (27)
Perennial. Shrub. Ht 0.25–3 m. WC

truncata L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

tubercularis Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

tumida Ker Gawl. var. **minor** Bolus
Perennial. Shrub. Ht? WC

tumida Ker Gawl. var. **tumida**
E. splendens Andrews, not of *E. splendens* J.C.Wendl. (4)
Perennial. Shrub. Ht up to 2 m. WC

turbiniflora Salisb. var. *aristata* Bolus = **E. capensis**

turbiniflora Salisb. var. *turbiniflora* = **E. capensis**

turgida Salisb.
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

turmalis Salisb. (insufficiently known) (33)

turrisbabylonica H.A.Baker (12)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

tysonii Bolus var. **krookii** Zahlbr.
Perennial. Dwarf shrub. Ht up to 0.15 m. EC

tysonii Bolus var. **tysonii**
Perennial. Dwarf shrub. Ht up to 0.1 m. KZN, EC

uberiflora E.G.H.Oliv.
Simocheilus barbiger Klotzsch, not *E. barbigera* Salisb. (51)
Simocheilus carneus Klotzsch, not *E. carnea* L. (51)
Simocheilus multiflorus Klotzsch var. *atherstonei* N.E.Br. (51)
Simocheilus multiflorus Klotzsch var. *multiflorus*, not *E. multiflora* L. (51)
Simocheilus pubescens Klotzsch, not *E. pubescens* L. (51)
Perennial. Shrub. Ht up to 1.5 m. WC, EC

umbelliflora Klotzsch ex Benth.
E. ionii H.A.Baker (33)
E. manifesta Compton var. *campanulata* Dulfer (60)
E. manifesta Compton var. *manifesta* (33)
E. media Klotzsch ex Benth. (60)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC

umbonata Compton = **E. glandulipila**

umbratica E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 0.05 m. WC

umbrosa H.A.Baker = **E. armata** var. **armata**

unicolor J.C.Wendl. = **E. viridescens** var. **viridescens**

unilateralis Klotzsch ex Benth.
Perennial. Shrub. Ht up to 0.6 m. EC

urceolata (Klotzsch) E.G.H.Oliv.
Scyphogyne burchellii N.E.Br. (51)
Scyphogyne puberula (Klotzsch) Benth. (51)
Scyphogyne trimera N.E.Br. (51)
Scyphogyne urceolata (Klotzsch) Benth. (51)
Tristemon puberula Klotzsch (51)
Tristemon urceolatus Klotzsch (51)
Perennial. Shrub. Ht 0.3–2 m. WC

urna-viridis Bolus
Perennial. Shrub. Ht up to 1.8 m. WC

ustulescens Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

utriculosa L.Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC

uysii H.A.Baker (14)
Perennial. Shrub. Ht up to 1.5 m. WC

valida H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

vallis-aranearum E.G.H.Oliv. (17)
Perennial. Shrub. Ht up to 0.6 m. WC

vallis-fluminis E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

vallis-gratiae Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

vanheurckii Müll.Arg.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

varderi L.Bolus
Perennial. Shrub. Ht up to 0.3 m. EC

velatiflora E.G.H.Oliv.
Eremia brevifolia Benth., not *E. brevifolia* Sol. ex Salisb. (51)
Perennial. Shrub. Ht up to 0.8 m. WC

velitaris Salisb. var. **hemisphaerica** Bolus
Perennial. Shrub. Ht? WC

velitaris Salisb. var. **parvibracteata** L.Bolus
Perennial. Shrub. Ht? WC

velitaris Salisb. var. **velitaris**
Perennial. Shrub. Ht up to 0.6 m. WC

ventricosa Thunb. var. **meyeriana** Dulfer
Perennial. Shrub. Ht? WC

ventricosa Thunb. var. **ventricosa**
Perennial. Dwarf shrub, shrub. Ht up to 0.5(–1) m. WC

venustiflora E.G.H.Oliv. subsp. **glandulosa** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

venustiflora E.G.H.Oliv. subsp. **venustiflora**
Syndesmanthus venustus N.E.Br., not *E. venusta* Salisb. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

verecunda Salisb.
Perennial. Shrub. Ht up to 1.5 m. NC, WC

vernicosa E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

versicolor Andrews. var. **ciliata** J.C.Wendl.
Perennial. Shrub. Ht? WC

versicolor Andrews var. **longiflora** Andrews
Perennial. Shrub. Ht? WC

versicolor Andrews var. **monticola** Bolus
Perennial. Shrub. Ht? WC

versicolor Andrews var. **versicolor**
Perennial. Shrub. Ht up to 2 m. WC

verticillata P.J.Bergius
Perennial. Shrub. Ht up to 1.8 m. WC

vestiflua Salisb. = **E. melastoma** subsp. **melastoma**

vestita Thunb.
E. longifolia Bauer var. *amplicata* Bolus (58)
E. longifolia Bauer var. *maritima* Bolus (58)
E. vestita Thunb. var. *fulgida* Andrews (58)
Perennial. Shrub. Ht up to 1 m. WC

vestita Thunb. var. *fulgida* Andrews = **E. vestita**

villosa J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC

viminalis E.G.H.Oliv. = **E. salicina** (60)

×**vinacea** L.Bolus = natural hybrid (26)

virginalis Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.25 m. WC

viridescens Lodd. var. *latituba* (L.Bolus) Dulfer = **E. curviflora**

viridescens Lodd. var. **viridescens**
E. unicolor J.C.Wendl. (4)
Perennial. Shrub. Ht up to 1.5 m. WC

viridiflora Andrews subsp. **primulina** (Bolus) E.G.H.Oliv. & I.M.Oliv.
E. primulina Bolus (58)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC, EC

viridiflora Andrews subsp. **redacta** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

viridiflora Andrews subsp. **viridiflora** (58)
Perennial. Shrub. Ht up to 1 m. WC

viridipurpurea L. = **E. mauritanica**

viridis Andrews = **E. viscaria** L. subsp. **macrosepala**

viscaria L. subsp. **gallorum** (L.Bolus) E.G.H.Oliv. & I.M.Oliv.
E. coccinea P.J.Bergius var. *echiiflora* (Andrews) Benth. (58)
E. echiiflora Andrews (58)
E. echiiflora Andrews var. *purpurea* Andrews (58)
E. gallorum L.Bolus (58)
E. viscaria L. var. *hispida* Bolus (58)
Perennial. Shrub. Ht up to 0.6 m. WC

viscaria L. subsp. **longifolia** (Bauer) E.G.H.Oliv. & I.M.Oliv.
E. longifolia Bauer var. *longifolia* (58)
E. longifolia Bauer var. *squarrosa* Bolus (58)
E. longifolia Bauer var. *stricta* Dulfer (58)
Perennial. Shrub. Ht up to 1 m. WC

viscaria L. subsp. **macrosepala** E.G.H.Oliv. & I.M.Oliv.
E. longifolia Bauer var. *viridis* (Andrews) Bolus (58)
E. onosmiflora Salisb. (58)
E. viridis Andrews (58)
Perennial. Shrub. Ht up to 1 m. WC

viscaria L. subsp. **pendula** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 1 m. WC

viscaria L. subsp. **pustulata** (H.A.Baker) E.G.H.Oliv & I.M.Oliv.
E. longifolia Bauer var. *breviflora* Dulfer (58)
E. patersonii L.Bolus, not *E. patersonii* Andrews (58)
E. pustulata H.A.Baker (58)
Perennial. Shrub. Ht up to 0.6 m. WC

viscaria L. subsp. **viscaria**
E. decora Andrews (58)
E. viscaria L. var. *decora* Andrews (58)
E. viscaria L. var. *viscaria* (58)
Perennial. Shrub. Ht up to 1 m. WC

viscaria L. var. *decora* Andrews = **E. viscaria** subsp. **viscaria**

viscaria L. var. *hispida* Bolus = **E. viscaria** subsp. **gallorum**

viscaria L. var. *viscaria* = **E. viscaria** subsp. **viscaria**

viscidiflora Esterh.
E. calycina L. var. *viscidiflora* (Esterh.) Dulfer (4)
Perennial. Shrub. Ht up to 0.5 m. WC

viscidula L.Bolus = **E. hispidula** var. **viscidula**

viscosissima E.G.H.Oliv.
Syndesmanthus viscosus (Bolus) N.E.Br., not *E. viscosa* Steud. (51)
Perennial. Shrub. Ht up to 0.5 m. WC

vlokii E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC

vogelpoelii H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC

walkeria Andrews var. **praestans** (Andrews) Bolus
Perennial. Dwarf shrub. Ht? WC

walkeria Andrews var. **walkeria**
Perennial. Shrub. Ht up to 1 m. WC

wendlandiana Klotzsch
E. xerophila Bolus (60)
Perennial. Shrub. Ht up to 1.5 m. WC

westii L.Bolus = **E. straussiana**

williamsiorum E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC

winteri H.A.Baker (18)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

wittebergensis Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

woodii Bolus var. **woodii**
E. woodii Bolus var. *rhodesiaca* (Alm & Fr.) Dulfer (22)
Perennial. Dwarf shrub. Ht up to 0.5 m. NW, G, M, S, FS, KZN, L, EC

woodii Bolus var. **robusta** Dulfer
Perennial. Dwarf shrub. Ht? LIM

wyliei Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. KZN

xanthina Guthrie & Bolus
E. parvulisepala H.A.Baker (38, 52)
Perennial. Shrub. Ht up to 1.5 m. WC

xeranthemifolia Salisb.
Acrostemon xeranthemifolius (Salisb.) E.G.H.Oliv. (51)
Eremia lanata (Klotzsch) Benth. (51)
Hexastemon lanatus Klotzsch (51)

Perennial. Dwarf shrub. Ht up to 0.25 m. WC

xerophila Bolus = **E. wendlandiana**

zebrensis Compton
Perennial. Shrub. Ht up to 0.6 m. WC

zeyheriana (Klotzsch) E.G.H.Oliv.
Coilostigma dregeanum Klotzsch (51)
Coilostigma tenuifolium Klotzsch (51)
Coilostigma zeyherianum Klotzsch var. *tenuifolium* (Klotzsch) E.G.H.Oliv. (51)
Coilostigma zeyherianum Klotzsch var. *zeyherianum* (51)
Perennial. Shrub. Ht up to 1 m. EC

zitzikammensis Dulfer var. **glutinosa** Dulfer
Perennial. Shrub. Ht? WC, EC

zitzikammensis Dulfer var. **zitzikammensis**
Perennial. Shrub. Ht up to 0.3 m. WC, EC

zwartbergensis Bolus
Perennial. Shrub. Ht up to 1 m. WC

ERICINELLA Klotzsch 6241000

hillburttii E.G.H.Oliv. = **Erica hillburttii**

multiflora Klotzsch = **Erica amatolensis**

passerinoides Bolus = **Erica passerinoides**

GRISEBACHIA Klotzsch 6243020

alba N.E.Br. = **Erica plumosa**

apiculata N.E.Br. = **Erica plumosa**

bolusii N.E.Br. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *bolusii* (N.E.Br.) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *ciliaris* = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *ciliciiflora* (Salisb.) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *involuta* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *multiglandulosa* E.G.H.Oliv. = **Erica plumosa**

dregeana Benth. = **Erica plumosa**

eremioides MacOwan = **Erica eremioides** subsp. **eremioides**

eremioides MacOwan var. *eglandula* N.E.Br. = **Erica eremioides** subsp. **eglandula**

eremioides MacOwan var. *pubicalyx* N.E.Br. = **Erica eremioides** subsp. **eremioides**

hirta Klotzsch = **Erica plumosa**

hispida Klotzsch = **Erica plumosa**

incana (Bartl.) Klotzsch = **Erica plumosa**

involuta Klotzsch = **Erica plumosa**

minutiflora N.E.Br. subsp. *minutiflora* = **Erica caprina**

minutiflora N.E.Br. subsp. *nodiflora* (N.E.Br.) E.G.H.Oliv. = **Erica caprina**

nivenii N.E.Br. = **Erica plumosa**

parviflora (Klotzsch) Druce subsp. *eglandula* (N.E.Br.) E.G.H.Oliv. = **Erica eremioides** subsp. **eglandula**

parviflora (Klotzsch) Druce subsp. *parviflora* = **Erica eremioides** subsp. **eremioides**

parviflora (Klotzsch) Druce subsp. *pubescens* E.G.H.Oliv. = **Erica eremioides** subsp. **pubescens**

pentheri Zahlbr. = **Erica plumosa**

pilifolia N.E.Br. = **Erica plumosa**

plumosa Klotzsch var. *scabra* N.E.Br. = **Erica plumosa**

plumosa Klotzsch var. *serrulata* (Benth.) N.E.Br. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *eciliata* E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *hirta* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *hispida* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *irrorata* E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *pentheri* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *plumosa* = **Erica plumosa**

rigida N.E.Br. = **Erica plumosa**

secundiflora E.G.H.Oliv. = **Erica lateriflora**

serrulata Benth. = **Erica plumosa**

similis N.E.Br. = **Erica eremioides** subsp. **eremioides**

solivaga N.E.Br. = **Erica plumosa**

thunbergii Rach = **Erica plumosa**

velleriflora Klotzsch = **Erica plumosa**

zeyheriana Klotzsch = **Erica plumosa**

HEXASTEMON Klotzsch 6243060

lanatus Klotzsch = **Erica xeranthemifolia**

LAGENOCARPUS Klotzsch 6248030

ciliatus (Benth.) N.E.Br. = **Erica serrata**

imbricatus Klotzsch = **Erica serrata**

tenuis Benth. = **Erica miniscula**

LEPTERICA N.E.Br. 6245020

tenuis (Benth.) N.E.Br. = **Erica miniscula**

NAGELOCARPUS Bullock 6248020

ciliatus (Benth.) Bullock = **Erica serrata**

serratus (Thunb.) Bullock = **Erica serrata**

OMPHALOCARYON Klotzsch 6248040

capitatum Klotzsch = **Erica phacelanthera**

glandulosum Klotzsch = **Erica eglandulosa**

muscosum (Aiton) Klotzsch = **Erica muscosa**

muscosum (Aiton) Klotzsch var. *glabrum* Klotzsch = **Erica muscosa**

PACHYCALYX Klotzsch 6244050

inaequalis Klotzsch = **Erica inaequalis**

PHILIPPIA Klotzsch 6240000

absinthoides (Thunb.) E.G.H.Oliv. = **Erica tristis**

alticola E.G.H.Oliv. = **Erica altiphila**

chamissonis Klotzsch = **Erica tristis**

drakensbergensis E.G.H.Oliv. = **Erica dracomontana**

elsieana E.G.H.Oliv. = **Erica elsieana**

esterhuyseniae E.G.H.Oliv. subsp. *esterhuyseniae* = **Erica esteriana** subsp. **esteriana**

esterhuyseniae E.G.H.Oliv. subsp. *swartbergensis* E.G.H.Oliv. = **Erica esteriana** subsp. **swartbergensis**

evansii N.E.Br. = **Erica evansii**

irrorata E.G.H.Oliv. = **Erica madida**

leeana Klotzsch = **Erica exleeana**

notholeeana E.G.H.Oliv. = **Erica notholeeana**

pallida L.Guthrie = **Erica peltata**

petrophila E.G.H.Oliv. = **Erica petricola**

procaviana E.G.H.Oliv. = **Erica procaviana**

simii S.Moore = **Erica simii**

stokoei L.Guthrie = **Erica lasciva**

tristis Bolus = **Erica caespitosa**

PLATYCALYX N.E.Br. 6243010

pumila N.E.Br. = **Erica platycalyx**

SALAXIS Salisb. 6248000

artemisioides Klotzsch = **Erica artemisioides**

axillaris (Thunb.) G.Don = **Erica axillaris**

ciliata Benth. = **Erica serrata**

flexuosa Klotzsch = **Erica axillaris**

flexuosa Klotzsch var. *cognata* N.E.Br. = **Erica axillaris**

hexandra Klotzsch in part = **Erica axillaris**

hexandra Klotzsch in part = **Erica subcapitata**

major N.E.Br. = **Erica axillaris**

micrantha Benth. = **Erica artemisioides**

octandra Klotzsch = **Erica axillaris**

octandra Klotzsch var. *artemisioides* (Klotzsch) N.E.Br. = **Erica artemisioides**

puberula Klotzsch = **Erica axillaris**

pumila N.E.Br. = **Erica bredasiana**

rugosa (Klotzsch) Benth. = **Erica rugata**

sieberi Benth. = **Erica axillaris**

triflora Compton = **Erica terniflora**

SCYPHOGYNE Brongn. 6246020

biconvexa N.E.Br. = **Erica rigidula**

brevifolia Benth = **Erica phacelanthera**

brownii Compton = **Erica rigidula**

burchellii N.E.Br. = **Erica urceolata**

calcicola E.G.H.Oliv. = **Erica calcicola**

capitata (Klotzsch) Benth. var. *brevifolia* (Benth.) N.E.Br. = **Erica phacelanthera**

capitata (Klotzsch) Benth. var. *capitata* = **Erica phacelanthera**

divaricata (Klotzsch) Benth. = **Erica rigidula**

eglandulosa (Klotzsch) Benth. = **Erica eglandulosa**

fasciculata Benth. = **Erica eglandulosa**

glandulifera N.E.Br. = **Erica rigidula**

inconspicua Decne. var. *ciliata* N.E.Br. = **Erica muscosa**

inconspicua Decne. var. *glabriflora* N.E.Br. = **Erica muscosa**

inconspicua Decne. var. *inconspicua* = **Erica muscosa**

inconspicua Decne. var. *pubescens* N.E.Br. = **Erica muscosa**

inconspicua Decne. var. *vestita* N.E.Br. = **Erica muscosa**

longistyla N.E.Br. = **Erica rigidula**

micrantha (Benth.) N.E.Br. = **Erica artemisioides**

muscosa (Aiton) Druce = **Erica muscosa**

orientalis E.G.H.Oliv. = **Erica melanomontana**

puberula (Klotzsch) Benth. = **Erica urceolata**

remota N.E.Br. = **Erica remota**

rigidula N.E.Br. = **Erica rigidula**

rigidula N.E.Br. var. *breviciliata* N.E.Br. = **Erica rigidula**

schlechteri N.E.Br. = **Erica muscosa**

tenuis (Benth.) E.G.H.Oliv. = **Erica miniscula**

trimera N.E.Br. = **Erica urceolata**

urceolata (Klotzsch) Benth. = **Erica urceolata**

viscida N.E.Br. = **Erica phacelanthera**

SIMOCHEILUS Klotzsch 6244000

acutangulus N.E.Br. = **Erica glabella** subsp. **laevis**

albirameus N.E.Br. = **Erica inaequalis**

barbiger Klotzsch, = **Erica uberiflora**

bicolor (Klotzsch) Benth. = **Erica inaequalis**

carneus Klotzsch, not of *E. carnea* L. = **Erica uberiflora**

consors N.E.Br. = **Erica globiceps** subsp. **consors**

depressus (Licht. ex Roem. & Schult.) Benth. var. *depressus* = **Erica glabella** subsp. **glabella**

depressus (Licht. ex Roem. & Schult.) Benth. var. *patens* N.E.Br. = **Erica glabella** subsp. **glabella**

dispar N.E.Br. = **Erica dispar**

ecklonianus Benth., illegitimate name = **Erica inaequalis**

fourcadei (L.Guthrie) E.G.H.Oliv = **Erica angulosa**

glabellus (Thunb.) Benth. = **Erica glabella** subsp. **glabella**

glaber (Thunb.) Benth = **Erica inaequalis**

globiferus N.E.Br. = **Erica glabella** subsp. **laevis**

hirsutus Benth. = **Erica glabella** subsp. **laevis**

hirtus (Klotzsch) E.G.H.Oliv. = **Erica glabella** subsp. **laevis**

hispidus (Klotzsch) Benth. = **Erica inaequalis**

klotzschianus Benth. var. *glabrifolius* N.E.Br. = **Erica inaequalis**

klotzschianus Benth. var. *klotzschianus* = **Erica inaequalis**

multiflorus Klotzsch var. *atherstonei* N.E.Br. = **Erica uberiflora**

multiflorus Klotzsch var. *multiflorus* = **Erica uberiflora**

oblongus Benth = **Erica dregei**

patulus N.E.Br. = **Erica glabella** subsp. **laevis**

piquetbergensis N.E.Br. = **Erica piquetbergensis**

puberulus (Klotzsch) E.G.H.Oliv. = **Erica inaequalis**

pubescens Klotzsch = **Erica uberiflora**
purpureus (P.J.Bergius) Druce = **Erica glabella** subsp. **glabella**
quadrisulcus N.E.Br., name rejected = **Erica phaeocarpa**
submuticus Benth. = **Erica glabella** subsp. **laevis**
subrigidus N.E.Br. = **Erica glabella** subsp. **laevis**

STOKOEANTHUS E.G.H.Oliv. 6242010

chionophilus E.G.H.Oliv. = **Erica stokoeanthus**

SYMPIEZA Licht. ex Roem. & Schult. 6245000

articulata in sense of N.E.Br. var. *articulata* = **Erica labialis**
articulata in sense of N.E.Br. var. *hians* N.E.Br. = **Erica labialis**
brachyphylla Benth. = **Erica labialis**
breviflora N.E.Br. = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *angustata* N.E.Br. = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *capitellata* = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *crassistigma* N.E.Br. = **Erica labialis**
eckloniana Klotzsch = **Erica ecklonii**
gracilis (Bartl.) E.G.H.Oliv. = **Erica benthamiana**
labialis (Salisb.) Druce = **Erica labialis**
pallescens N.E.Br. = **Erica labialis**
tenuiflora Benth. = **Erica labialis**
vestita N.E.Br. = **Erica labialis**

SYNDESMANTHUS Klotzsch 6244010

articulatus (L.) Klotzsch var. *articulatus* = **Erica similis**
articulatus (L.) Klotzsch var. *fasciculatus* N.E.Br. = **Erica similis**
articulatus (L.) Klotzsch var. *hirtus* Benth. = **Erica similis**
breviflorus N.E.Br. = **Erica brownii**
ciliatus (Klotzsch) Benth. = **Erica paucifolia** subsp. **ciliata**
elimensis N.E.Br. var. *elimensis* = **Erica similis**
elimensis N.E.Br. var. *incertus* N.E.Br. = **Erica similis**
erinus (Klotzsch ex Benth.) N.E.Br. var. *erinus* = **Erica erina**
erinus (Klotzsch ex Benth.) N.E.Br. var. *validus* N.E.Br. = **Erica erina**
fasciculatus Klotzsch = **Erica similis**
globiceps N.E.Br. = **Erica globiceps** subsp. **globiceps**
gracilis (Benth.) N.E.Br. = **Erica globiceps** subsp. **gracilis**
nivenii N.E.Br. = **Erica niveniana**
paucifolius (J.C.Wendl.) Benth. = **Erica paucifolia** subsp. **paucifolia**
pulchellus N.E.Br. = **Erica pulchelliflora**
pumilus N.E.Br. = **Erica innovans**
scaber Klotzsch = **Erica similis**
schlechteri N.E.Br. = **Erica agglutinans**
similis N.E.Br. = **Erica similis**
squarrosus Benth. = **Erica paucifolia** subsp. **squarrosa**
sympeizoides N.E.Br. = **Erica globiceps** subsp. **globiceps**
venustus N.E.Br. = **Erica venustiflora** subsp. **venustiflora**
viscosus (Bolus) N.E.Br. = **Erica viscosissima**
zeyheri Bolus = **Erica globiceps** subsp. **globiceps**

THAMNIUM Klotzsch 6237030

puberulum Klotzsch = **Erica puberuliflora**

THAMNUS Klotzsch 6246010

multiflorus Klotzsch = **Erica thamnoides**

THORACOSPERMA Klotzsch 6244030

bondiae Compton = **Erica rosacea** subsp. **rosacea**
fourcadei Compton = **Erica rosacea** subsp. **rosacea**
galpinii N.E.Br. = **Erica rosacea** subsp. **rosacea**
interruptum N.E.Br. = **Erica interrupta**
marlothii N.E.Br. = **Erica rosacea** subsp. **glabrata**
muirii L.Guthrie = **Erica radicans** subsp. **radicans**
nanum N.E.Br. = **Erica bolusanthus**
paniculatum (Thunb.) Klotzsch = **Erica quadrifida**
puberulum (Klotzsch) N.E.Br. = **Erica puberuliflora**
radicans L.Guthrie = **Erica radicans** subsp. **radicans**
rosaceum L.Guthrie = **Erica rosacea** subsp. **rosacea**
viscidum L.Guthrie = **Erica interrupta**

TRISTEMON Klotzsch 6248050

puberula Klotzsch = **Erica urceolata**
urceolatus Klotzsch = **Erica urceolata**

VACCINIUM L. 6216000

(1) Verdoorn. 1954. *Journal of South African Botany* 20: 92.

exul Bolus
Perennial. Tree, shrub. Ht 0.9–4 m. M, S

ERYTHROXYLACEAE

Compiled by M. Jordaan

ERYTHROXYLUM P.Browne 3956000

(1) Sonder. 1860. *FC* 1: 233, 234.
(2) Robson. 1963. *FZ* 2: 102–109.
(3) Robson & Gonçalves. 1969. *Flora de Moçambique* 31: 2–9.

brownianum Burtt Davy = **E. delagoense**
caffrum Sond. = **E. emarginatum**
capense (Bolus) Stapf = **Nectaropetalum capense**

delagoense Schinz
E. brownianum Burtt Davy (2)
Perennial. Tree or shrub. Ht 1–6 m. Alt 13–1480 m. LIM, M, S, KZN

emarginatum Thonn.
E. caffrum Sond. (2)
Perennial. Tree or shrub. Ht 1.5–9 m. Alt 5–1800 m. LIM, M, S, KZN, EC

pictum E.Mey. ex Sond.
Perennial. Tree or shrub. Ht 2–18 m. Alt 5–300 m. KZN, EC

zambesiacum N.Robson
Perennial. Tree or shrub. Ht 3–7 m. Alt 300–915 m. N, B

zuluense Schönland = **Nectaropetalum zuluense**

NECTAROPETALUM Engl. 3956010

(1) Stapf & Boodle. 1909. *Kew Bulletin* 1909: 188–191.
(2) Corbishley. 1919. *Kew Bulletin* 1919: 449, 450.

capense (Bolus) Stapf & Boodle
Erythroxylum capense (Bolus) Stapf (1)
Perennial. Tree. Ht 3–15 m. Alt 10–200 m. KZN, EC

zuluense (Schönland) Corbishley
Erythroxylum zuluense Schönland (2)
Perennial. Tree. Ht 2–12 m. Alt 155–460 m. KZN

ESCALLONIACEAE

Compiled by M. Jordaan

CHORISTYLIS Harv. 3241000

(1) Harvey. 1862. *FC* 2: 305–309.
(2) Verdcourt. 1973. *FTEA* Escalloniaceae: 1–3.

rhamnoides Harv.
Baeobotrys rufescens E.Mey. (1)
Maesa palustris Hochst. (1)
Perennial. Tree, shrub or climber. Ht 3–4 m. Alt 460–1980 m. LIM, M, S, KZN, EC

EUPHORBIACEAE

Compiled by R.H. Archer

Note: RbcL gene sequence data suggest that several families, e.g. Euphorbiaceae, Phyllanthaceae and Picrodendraceae, belong in ± two unrelated clades.

ACALYPHA L. 4407000

(1) Prain. 1920. *FC* 5,2: 466–484.
(2) Pax. 1923. *Das Pflanzenreich* 85: 1–231.
(3) Meyer. 1967. *FSWA* 67: 1–46.
(4) Radcliffe-Smith.1987. *FTEA* Euphorbiaceae: 185–213.
(5) Radcliffe-Smith. 1989. *Kew Bulletin*. 44: 439–447.
(6) Radcliffe-Smith. 1996. *FZ* 9,4: 182–210.
(7) Retief. Personal communication.

allenii Hutch.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5(–0.9) m. Alt ± 750 m. B

ambigua Pax
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 1200–1400 m. N

angustata Sond.
A. angustata Sond. var. *glabra* Sond. (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt 70–2080 m. LIM, NW, G, M, S, FS, KZN, EC

angustata Sond. var. *glabra* Sond. = **A. angustata**

capensis (L.f.) Prain & Hutch.
A. decumbens Thunb. (2)
A. decumbens Thunb. var. *villosa* (Thunb.) Müll.Arg. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 5–305 m. WC, EC

caperonioides Baill.
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 455–2550 m. LIM, NW, G, M, S, FS, KZN

chrysadenia Sucss. & Friedrich = **A. fruticosa** var. **fruticosa**

ciliata Forssk.
Annual. Herb. Ht 0.4–1.3 m. Alt 520–960 m. N, B, LIM

crenata Hochst. ex A.Rich.
Perennial, annual. Herb, dwarf shrub. Ht 0.2–1.2 m. Alt ± 1060 m. B

decumbens Thunb. = **A. capensis**

decumbens Thunb. var. *villosa* (Thunb.) Müll.Arg. = **A. capensis**

depressinerva (Kuntze) K.Schum.
A. schinzii Pax (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.35 m. Alt 460–1920 m. LIM, G, M, S, FS, KZN, EC

ecklonii Baill.
Annual. Herb. Ht 0.2–0.5 m. Alt 5–1524 m. KZN, WC, EC

entumenica Prain = **A. glandulifolia**

fimbriata Schumach. & Thonn.
Annual, perennial. Herb. Ht 0.1–1.3 m. Alt 700–1370 m. N, LIM

fruticosa Forssk. var. **fruticosa**
A. chrysadenia Suess. & Friedrich (3)
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 275–1350 m. N

glabrata Thunb. var. **glabrata**
A. glabrata Thunb. var. *latifolia* Müll.Arg. (2)
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 5–1400 m. LIM, NW, G, M, S, KZN, EC

glabrata Thunb. var. *latifolia* Müll.Arg. = **A. glabrata** var. **glabrata**

glabrata Thunb. var. **pilosa** Pax
A. glabrata Thunb. var. *pilosior* (Kuntze) Prain (6)

Perennial. Tree, shrub. Ht 0.6–6 m. Alt 305–1525 m. B, LIM, NW, G, M, KZN, EC

glabrata Thunb. var. *pilosior* (Kuntze) Prain = **A. glabrata** var. **pilosa**

glandulifolia Buchinger ex Meisn.
A. entumenica Prain (7)
Perennial. Dwarf shrub, herb. Ht 0.1–0.23 m. Alt 120–1675 m. M, S, KZN

indica L.
Annual, perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.2 m. Alt 60–1160 m. N, B, LIM, NW, G, M, S, KZN, NW, EC

moggii Compton = **A. ornata**

ornata Hochst. ex A.Rich.
A. moggii Compton (5)
Perennial. Shrub, dwarf shrub. Ht ± 2.5 m. Alt 765–1920 m. N, B, M, S

peduncularis E.Mey. ex Meisn.
A. zeyheri Baill. (1)
Perennial. Dwarf shrub, herb. Ht 0.08–0.45 m. Alt 30–2000 m. LIM, G, M, S, FS, KZN, L, EC

petiolaris Hochst. = **A. villicaulis**

pubiflora Baill. subsp. **pubiflora**
Perennial. Tree, shrub. Ht 1.5–3(–6) m. Alt? B, LIM

punctata Meisn. var. **punctata**
Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt 10–2000 m. M, S, KZN, L, EC

punctata Meisn. var. **rogersii** Prain
Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt ?–1500 m. M, S

schinzii Pax = **A. depressinerva**

segetalis Müll.Arg.
Perennial, annual. Dwarf shrub, herb. Ht 0.02–0.55 m. Alt 380–1525 m. N, B, LIM, NW, FS, KZN, NC

senensis Klotzsch = **A. villicaulis**

sonderiana Müll.Arg.
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 3–460 m. KZN

villicaulis Hochst.
A. petiolaris Hochst. (5)
A. senensis Klotzsch (3)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–2 m. Alt 5–1636 m. N, B, LIM, NW, G, M, S, KZN, EC

wilmsii Pax ex Prain & Hutch.
Perennial. Shrub, dwarf shrub, herb. Ht 0.06–1 m. Alt 765–2150 m. LIM, M, S, FS, KZN, L, EC

zeyheri Baill. = **A. peduncularis**

ADENOCLINE Turcz. 4370000

(1) Pax. 1914. *Das Pflanzenreich* 63: 409–413.
(2) Prain. 1920. *FC* 5,2: 488–494.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 247–249.
(4) Retief. Personal communication.

acuta (Thunb.) Baill.
A. mercurialis Turcz. (1)
Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 3–2500 m. LIM, M, S, KZN, L, WC, EC

bupleuroides (Meisn.) Prain = **A. pauciflora**

bupleuroides (Meisn.) Prain var. *peglerae* Prain = **A. pauciflora**

humilis Prain in part = **A. pauciflora**

mercurialis Turcz. = **A. acuta**

ovalifolia Turcz. = **A. pauciflora**

ovalifolia Turcz. var. *rotundifolia* Prain = **A. pauciflora**

pauciflora Turcz.
A. bupleuroides (Meisn.) Prain (1)
A. bupleuroides (Meisn.) Prain var. *peglerae* Prain (4)
A. humilis Prain in part (1)
A. ovalifolia Turcz. (1)
A. ovalifolia Turcz. var. *rotundifolia* Prain (1)
A. serrata (Sond.) Turcz. in part (1)
A. sessiliflora Baill. (1)
A. sessilifolia Turcz. (1)
A. stricta Prain (1)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 5–2100 m. M, FS, KZN, WC, EC

procumbens Benth. ex Pax = **A. violifolia**

serrata (Sond.) Turcz. in part = **A. pauciflora**

sessiliflora Baill. = **A. pauciflora**

sessilifolia Turcz. = **A. pauciflora**

stricta Prain = **A. pauciflora**

violifolia (Kuntze) Prain
A. procumbens Benth. ex Pax (1)
Annual. Herb. Ht up to 0.35 m. Alt 140–650 m. WC, EC

ALCHORNEA Sw. 4388000

(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae 1: 251–260.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 151–156.

glabrata Müll.Arg. = **A. hirtella** forma **glabrata**

hirtella Benth. forma **glabrata** (Müll.Arg.) Pax & K.Hoffm.
A. glabrata Müll.Arg. (1)
Perennial. Tree, shrub. Ht 1–7 m. Alt 305–610 m. LIM, M, KZN

laxiflora (Benth.) Pax & K.Hoffm.
Perennial. Tree, shrub. Ht 0.7–3(–5) m. Alt 30–576 m. LIM, S

*ALEURITES J.R.Forst. & G.Forst. 4428000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 299–301.
(2) Stuppy *et al.* 1999. *Blumea* 44: 73–98.

fordii Hemsl. = **Vernicia fordii**

moluccana (L.) Willd.
Perennial. Tree. Ht 9–21 m. Alt 500–915 m. M, S, KZN

montana (Lour.) Wilson = **Vernicia montana**

ANDRACHNE L. 4286000

(1) Hutchinson. 1920. *FC* 5,2: 385, 386.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 27–29.

ovalis (Sond.) Müll.Arg.
Clutia ovalis (Sond.) Scheele, not *Clutia ovalis* Sond. (1)
Phyllanthus ovalis Sond. (1)
Perennial. Tree, shrub. Ht 0.6–3(–6) m. Alt 275–1980 m. LIM, M, S, KZN, WC, EC

ANDROSTACHYS Prain 4345010

(1) Hutchinson. 1915. *FC* 5,2: 377.
(2) Airy Shaw. 1965. *Kew Bulletin* 18: 251.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 120–123.

johnsonii Prain
A. subpeltatis (Sim) E.Phillips (3)
Perennial. Tree. Ht 2–20 m. Alt 106–1066 m. LIM, M, S

subpeltatis (Sim) E.Phillips = **A. johnsonii**

ANTIDESMA L. 4327000

(1) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1795.
(2) Léonard. 1987. *Bulletin du Jardin Botanique National de Belgique* 57: 453–460.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 105–110.

rufescens Tul.
A. venosum of most authors, not of E.Mey. ex Tul., misapplied name (2)
Perennial. Tree. Ht 1–7 m. Alt 700–1200 m. N, B

venosum E.Mey. ex Tul.
Perennial. Tree, shrub. Ht 0.55–8 m. Alt 7–1220 m. N, B, LIM, M, S, KZN, EC

venosum of most authors, not of E.Mey. ex Tul., misapplied name = **A. rufescens**

BRIDELIA Willd. 4345000

(1) Léonard. 1962. *Flore du Congo et du Rwanda-Burundi* 8,1: 27–50.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 12–27.

cathartica Bertol.f. subsp. **cathartica**
B. schlechteri Hutch. (2)
Perennial. Tree. Ht 1–7 m. Alt 5–345 m. KZN

cathartica Bertol.f. subsp. **melanthesoides** (Baill.) J.Léonard var. **lingelsheimii** (Gehrm.) Radcl.-Sm. forma **fischeri** (Pax) Radcl.-Sm.
Perennial. Tree. Ht 1–7 m. Alt 470–915 m. N, B

cathartica Bertol.f. subsp. **melanthesoides** (Baill.) J.Léonard var. **lingelsheimii** (Gehrm.) Radcl.-Sm. forma **niedenzui** (Gehrm.) Radcl.-Sm.
Perennial. Tree. Ht 1–7 m. Alt 470–915 m. B

cathartica Bertol.f. subsp. **melanthesoides** (Baill.) J.Léonard var. **melanthesoides** (Baill.) Radcl.-Sm. forma **melanthesoides** (Baill.) Radcl.-Sm.
Perennial. Tree. Ht 1–7 m. Alt 5–915 m. N, B, LIM, M, S, KZN

micrantha (Hochst.) Baill.
Perennial. Tree, shrub. Ht 2–20 m. Alt 300–1830 m. LIM, M, S, KZN, EC

mollis Hutch.
Perennial. Tree, shrub. Ht 1.5–9 m. Alt 109–1525 m. N, B, LIM, G, M

schlechteri Hutch. = **B. cathartica** subsp. **cathartica**

tenuifolia Müll.Arg.
Perennial. Tree, shrub. Ht 1.5–9 m. Alt 1100–1450 m. N

CAPERONIA A.St.-Hil. 4361000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 138–140.

fistulosa Beille
Annual, occ. perennial. Herb. Ht 0.1–0.4 m. Alt 900–1030 m. N, B

stuhlmannii Pax
Annual, occ. perennial. Herb. Ht 0.2–1(–1.8) m. Alt 200–1450 m. LIM, S, KZN

CAVACOA J.Léonard 4353020

(1) Léonard. 1955. *Bulletin du Jardin Botanique de l'État Bruxelles* 25: 320–324.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 304, 305.

aurea (Cavaco) J.Léonard
Grossera aurea Cavaco (1)
Perennial. Tree. Ht 3–13 m. Alt 25–350 m. KZN

CEPHALOCROTON Hochst. 4439000

(1) Radcliffe-Smith. 1973. *Kew Bulletin* 28: 123–132.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 149–151.

depauperatus Pax & K.Hoffm. = **C. mollis**

mollis Klotzsch
C. depauperatus Pax & K.Hoffm. (1)
C. pueschelii Pax (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1.4(–3.6) m. Alt 25–1100 m. N, B, LIM, M, KZN

pueschelii Pax = **C. mollis**

CHAMAESYCE Gray 4498010

chamaesycoides (B.Nord.) Koutnik = **Euphorbia chamaesycoides**
eylesii (Rendle) Koutnik = **Euphorbia eylesii**
glanduligera (Pax) Koutnik = **Euphorbia glanduligera**
hirta (L.) Millsp. = **Euphorbia hirta**
hypericifolia of most authors, not of Millsp. = **Euphorbia indica**
inaequilatera (Sond.) Soják = **Euphorbia inaequilatera** var. **inaequilatera**
livida (E.Mey. ex Boiss.) Koutnik = **Euphorbia livida**
mossambicensis (Klotzsch & Garcke) Koutnik = **Euphorbia mossambicensis**
neopolycnemoides (Pax & K.Hoffm.) Koutnik = **Euphorbia neopolycnemoides**
pergracilis (P.G.Mey.) Koutnik = **Euphorbia pergracilis**
prostrata (Aiton) Small = **Euphorbia prostrata**
serpens (Kunth) Small = **Euphorbia serpens**
tettensis (Klotzsch) Koutnik = **Euphorbia tettensis**
zambesiana (Benth.) Koutnik var. *zambesiana* = **Euphorbia zambesiana** var. **zambesiana**

CHROZOPHORA Neck. ex A.Juss. 4355000

(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 160–163.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 141–143.

plicata (Vahl) A.Juss. ex Spreng.
Annual or perennial. Herb. Ht 0.1–0.5 m. Alt ± 215 m. LIM

CLEISTANTHUS Hook.f. ex Planch. 4343000

(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 130–134.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 8–12.

holtzii Pax = **C. schlechteri** var. **schlechteri**

schlechteri (Pax) Hutch. var. **schlechteri**
C. holtzii Pax (1)
Securinega schlechteri Pax (1)
Perennial. Tree. Ht 4.5–18 m. Alt 30–120 m. LIM, M, KZN

CLUTIA L. 4448000

(1) Pax. 1911. *Das Pflanzenreich* 47: 50–83.
(2) Prain. 1920. *FC* 5,2: 427–456.
(3) Meyer. 1967. *FSWA* 67: 1–46.
(4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 219–227.
(5) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 331–340.
(6) Hilliard & Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 187.
(7) Radcliffe-Smith. 1996. *FZ* 9,4: 123–134.
(8) Radcliffe-Smith. 1997. *Kew Bulletin* 52: 478.
(9) Archer. Personal communication.

abyssinica Jaub. & Spach var. **abyssinica**
C. glabrescens Knauf ex Pax (7)

Perennial. Tree, shrub. Ht 0.7–5 m. Alt 107–1525 m. KZN, EC

affinis Sond.
Perennial. Shrub. Ht 0.3–2.5 m. Alt 60–2135 m. LIM, G, M, S, KZN, L, WC, EC

africana Poir.
Perennial. Shrub. Ht 0.2–0.8 m. Alt ?–420 m. WC

alaternoides L. var. **alaternoides**
Perennial. Shrub, dwarf shrub. Ht 0.15–0.6 m. Alt 30–1900 m. NC, WC, EC

alaternoides L. var. **angustifolia** E.Mey. ex Sond.
Perennial. Shrub. Ht 1.2–3 m. Alt 549–765 m. WC

alaternoides L. var. **brevifolia** E.Mey. ex Sond.
Perennial. Shrub. Ht 0.2–3 m. Alt 155–1450 m. WC, EC

alpina Prain
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ± 3100 m. EC

brevifolia Sond. = **C. polifolia**

cordata Bernh.
Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt 75–1500 m. KZN, EC

crassifolia Pax = **C. thunbergii**

daphnoides Lam.
Perennial. Shrub. Ht 0.5–2 m. Alt 5–1890 m. WC, EC

disceptata Prain
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 9–1675 m. KZN, EC

dregeana Scheele
Perennial. Shrub. Ht 0.2–1.5 m. Alt 365–1035 m. EC

ericoides Thunb. var. **ericoides**
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC, EC

ericoides Thunb. var. **pachyphylla** Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC, EC

ericoides Thunb. var. **tenuis** Sond.
C. tenuifolia Willd. (2)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC

galpinii Pax = **C. pulchella** var. **pulchella**

glabrescens Knauf ex Pax = **C. abyssinica** var. **abyssinica**

govaertsii Radcliffe-Sm.
C. vaccinioides (Pax & K.Hoffm.) Prain (8)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 5–250 m. WC

heterophylla Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.35 m. Alt 45–1524 m. EC

hirsuta (Sond.) Müll.Arg. var. **hirsuta**
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 395–2000 m. G, M, FS, KZN, L, EC

hirsuta (Sond.) Müll.Arg. var. **robusta** Prain
Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 100–550 m. KZN, EC

imbricata E.Mey. ex Sond.
Perennial. Shrub. Ht? Alt ?–520 m. NC, WC

impedita Prain
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt ?–2135 m. EC

katharinae Pax
Perennial. Shrub. Ht 0.5–1.4 m. Alt 540–2670 m. KZN, L, EC

laxa Eckl. ex Sond.
Perennial. Shrub. Ht 0.15–0.7 m. Alt 10–2200 m. M, S, KZN, WC, EC

marginata E.Mey. ex Sond.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 320–975 m. WC, EC

monticola S.Moore var. **monticola**
Perennial. Dwarf shrub, herb. Ht 0.2–0.65 m. Alt 60–1998 m. LIM, G, M, S, FS, KZN, L, EC

nana Prain
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 2000–3170 m. KZN, L, EC

natalensis Bernh.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 518–2360 m. LIM, G, M, S, FS, KZN, L, EC

ovalis Sond. (Uncertain taxon)
Perennial. Dwarf shrub. Ht? Alt? WC

ovalis (Sond.) Scheele, not *Clutia ovalis* Sond. = **Andrachne ovalis**

platyphylla Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ± 835 m. EC

polifolia Jacq.
C. brevifolia Sond. (1)
Perennial. Shrub. Ht 0.2–1.2 m. Alt 30–1845 m. NC, WC, EC

polygonoides L.
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 140–1675 m. WC

pterogona Müll.Arg.
Perennial. Shrub. Ht 0.3–1.3 m. Alt 125–819 m. WC

pubescens Thunb.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 150–730 m. WC, EC

pulchella L. var. **franksiae** Prain
Perennial. Dwarf shrub. Ht 0.5–2.5 m. Alt 50–500 m. KZN

pulchella L. var. **obtusata** Sond.
Perennial. Shrub. Ht 0.5–2 m. Alt ?–1677 m. B, G, FS, KZN, L, EC

pulchella L. var. **pulchella**
C. galpinii Pax (5, 9)
Perennial. Shrub, dwarf shrub, herb. Ht 0.01–2.5 m. Alt 5–2090 m. B, LIM, G, M, S, FS, KZN, L, WC, EC

rubricaulis Eckl. ex Sond.
C. rubricaulis Eckl. ex Sond. var. *grandifolia* Prain (9)
C. rubricaulis Eckl. ex Sond. var. *microphylla* Prain (9)
C. rubricaulis Eckl. ex Sond. var. *tenuifolia* Prain (9)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 15–2315 m. WC, EC

rubricaulis Eckl. ex Sond. var. *grandifolia* Prain = **C. rubricaulis**

rubricaulis Eckl. ex Sond. var. *microphylla* Prain = **C. rubricaulis**

rubricaulis Eckl. ex Sond. var. *tenuifolia* Prain = **C. rubricaulis**

sericea Müll.Arg.
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 50–200 m. WC

tenuifolia Willd. = **C. ericoides** var. **tenuis**.

thunbergii Sond.
C. crassifolia Pax (4)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 759–2116 m. N, NC, WC

tomentosa L.
Perennial. Shrub. Ht 0.3–1.2 m. Alt 45–460 m. NC, WC

vaccinioides (Pax & K.Hoffm.) Prain = **C. govaertsii**

virgata Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 80–2075 m. M, S, KZN, EC

CROTON L. 4348000

(1) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* Part 2: 301.
(2) Coates Palgrave. 1977. *Trees of southern Africa*: 415–420.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 275–293.
(4) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 319–323.

***bonplandianus** Baill.
Perennial. Herb. Ht 0.7–1 m. Alt ?–50 m. KZN

gratissimus Burch. var. **gratissimus**
C. microbotryus Pax (3)
C. zambesicus Müll.Arg. (3)
Perennial. Tree, shrub. Ht 1–12 m. Alt 5–1950 m. N, B, LIM, NW, G, M, S, KZN, NC

gratissimus Burch. var. **subgratissimus** (Prain) Burtt Davy
C. subgratissimus Prain (1)
Perennial. Tree, shrub. Ht 0.5–14 m. Alt 410–1525 m. N, B, LIM, NW, M

gubouga S.Moore = **C. megalobotrys**

leuconeurus Pax subsp. **leuconeurus**
Perennial. Tree, shrub. Ht 1.5–15 m. Alt ± 710 m. B

longipedicellatus J.Léonard subsp. **longipedicellatus**
Perennial. Lax tree or shrub. Ht 1.5–4.5 m. Alt ± 710 m. B

madandensis S.Moore
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 197–460 m. M, S

megalobotrys Müll.Arg.
C. gubouga S.Moore (3)
Perennial. Tree. Ht 1.5–14 m. Alt 273–1310 m. N, B, LIM, M

menyharthii Pax
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 30–1000 m. N, B, LIM, M, S, KZN

microbotryus Pax = **C. gratissimus** var. **gratissimus**

pseudopulchellus Pax
Perennial. Tree, shrub. Ht 0.7–3.5 m. Alt 5–1216 m. LIM, M, S, KZN

rivularis Müll.Arg.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–1128 m. EC

steenkampianus Gerstner
Perennial. Tree, shrub. Ht 1–3.5(–7) m. Alt 90–610 m. LIM, M, KZN

subgratissimus Prain = **C. gratissimus** var. **subgratissimus**

sylvaticus Hochst.
Perennial. Tree, shrub. Ht 2–21 m. Alt 10–1980 m. LIM, M, S, KZN, EC

zambesicus Müll.Arg. = **C. gratissimus** var. **gratissimus**

CTENOMERIA Harv. 4416010

(1) Prain. 1920. *FC* 5,2: 500–502.
(2) Radcliffe-Smith 1996. *FZ* 9,74: 238.
(3) Retief. Personal communication.

capensis (Thunb.) Harv. ex Sond.
C. cordata Harv. (3)
C. schlechteri (Pax) Prain (3)
Perennial. Shrub, dwarf shrub, herb, climber. Ht 1–2 m. Alt 10–1370 m. LIM, M, S, KZN, WC, EC

cordata Harv. = **C. capensis**

schlechteri (Pax) Prain = **C. capensis**

CYCLOSTEMON Blume 4308000

argutus Müll.Arg. = **Drypetes arguta**

natalensis Harv. = **Drypetes natalensis** var. **natalensis**

DALECHAMPIA L. 4422000

(1) Prain. 1920. *FC* 5,2 : 497–500.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 238–242.

capensis A.Spreng.
D. kirkii Prain (2)
Perennial. Dwarf shrub. Ht 0.4–3.5 m. Alt 15–1435 m. B?, LIM, NW, M, S, KZN, EC

galpinii Pax
Perennial. Dwarf shrub, herb, climber. Ht 0.7–2 m. Alt 45–975 m. B, LIM, NW, M, S, KZN

kirkii Prain = **D. capensis**

scandens L. var. **cordofana** (Webb) Müll.Arg.
Perennial. Dwarf shrub, herbaceous climber. Ht 0.4–3 m. Alt? N, S

scandens L. var. **natalensis** (Müll.Arg.) Pax & K.Hoffm.
D. volubilis E.Mey. ex Baill. (2)
Perennial. Dwarf shrub, herbaceous climber. Ht 1–2.5 m. Alt 3–490 m. KZN

volubilis E.Mey. ex Baill. = D. **scandens** var. **natalensis**

DISCOCARPUS Klotzsch 4292000

hirtus (L.f.) Pax & K.Hoffm. = **Lachnostylis hirta**

DRYPETES Vahl 4309000

(1) Radcliffe-Smith. 1976. *Kew Bulletin* 32: 475–479.
(2) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 88–101.
(3) Radcliffe-Smith. 1996. *FZ.* 9,4: 87–93.

arguta (Müll.Arg.) Hutch.
Cyclostemon argutus Müll.Arg.
Perennial. Tree. Ht 1–8 m. Alt 10–700 m. S, KZN, EC

gerrardii Hutch. var. **gerrardii**
Perennial. Tree. Ht 0.2–20 m. Alt 5–1370 m. LIM, M, S, KZN, EC

gerrardii Hutch. var. **tomentosa** Radcl.-Sm.
Perennial. Tree. Ht 0.2–20 m. Alt 5–1370 m. KZN, EC

mossambicensis Hutch.
Perennial. Tree. Ht 2.5–20 m. Alt? LIM

natalensis (Harv.) Hutch. var. **natalensis**
Cyclostemon natalensis Harv. (3)

Perennial. Tree. Ht 1.5–15 m. Alt 5–90 m. KZN

reticulata Pax
Perennial. Tree. Ht 1–15 m. Alt 15–520 m. LIM, KZN

*EREMOCARPUS Benth. 4351000

(1) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 324, 325.

setigerus (Hook.) Benth.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–150 m. WC

ERYTHROCOCCA Benth. 4368000

(1) Prain. 1920. *FC* 5,2: 459, 460.
(2) Meyer. 1967. *FSWA* 67: 1–46.
(3) Radcliffe-Smith. 1989. *Kew Bulletin* 44: 450, 451.
(4) Radcliffe-Smith. 1996. *FZ* 9,4: 165–176.

berberidea Prain
Perennial. Shrub. Ht 1.2–3 m. Alt 10–765 m. KZN, EC

menyharthii (Pax) Prain
Perennial. Shrub. Ht 0.1–3 m. Alt 333–1476 m. N, B, LIM, M, S, KZN

natalensis Prain
Perennial. Shrub. Ht 1.2–3 m. Alt 120–825 m. S, KZN

trichogyne (Müll.Arg.) Prain var. **trichogyne**
Perennial. Shrub, tree. Ht 1.2–6 m. Alt 120–825 m. B, LIM, S

EUPHORBIA L. 4498000

(1) Brown. 1911, 1912. *FTA* 6,1: 470–603.
(2) Brown. 1915. *FC* 5,2: 222–375.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 157.
(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 197.
(5) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 209, 218.
(6) Phillips. 1928. *The Flowering Plants of South Africa* 8: tt. 285, 288, 292.
(7) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 344, 348, 350.
(8) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 390.
(9) Phillips. 1932. *The Flowering Plants of South Africa* 12: t. 459.
(10) Schweickerdt & Letty. 1933. *The Flowering Plants of South Africa* 13: t. 486.
(11) Letty. 1934. *The Flowering Plants of South Africa* 14: t. 521.
(12) Phillips. 1934. *The Flowering Plants of South Africa* 14: tt. 522–528.
(13) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 530.
(14) Dyer. 1937. *The Flowering Plants of South Africa* 17: tt. 641–649, 660.
(15) Dyer. 1938. *The Flowering Plants of South Africa* 18: tt. 713–716.
(16) Dyer. 1939. *The Flowering Plants of South Africa* 19: t. 723.
(17) Dyer. 1940. *The Flowering Plants of South Africa* 20: tt. 772, 775, 778, 788, 789.
(18) White *et al.* 1941. *The Succulent Euphorbieae*. Vols. 1 & 2: 1–990.
(19) Dyer. 1942. *The Flowering Plants of South Africa* 22: tt. 863, 877.
(20) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 886.
(21) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1025.
(22) Dyer. 1949. *The Flowering Plants of Africa* 27: t. 1068.
(23) Nel. 1950. *Desert Plant Life* 22: 15–16.
(24) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1095.
(25) Coetzee. 1959. *The Flowering Plants of Africa* 33: t. 1307.
(26) Meyer. 1967. *FSWA* 67: 1–46.
(27) Dyer. 1974. *The Flowering Plants of Africa* 43: t. 1687.
(28) Leach. 1976. *Dinteria* 12: 1–35.
(29) Dyer. 1978. *The Flowering Plants of Africa* 45: t. 1762.
(30) Leach. 1981. *Journal of South African Botany* 47: 103–107, 807–811.
(31) Leach 1982. *Dinteria* 16: 27–31.
(32) Leach. 1984. *Journal of South African Botany* 50: 563–568.
(33) Koutnik. 1984. *South African Journal of Botany* 3: 262, 263.
(34) Leach. 1985. *South African Journal of Botany* 51: 281–283.
(35) Leach. 1986. *The Flowering Plants of Africa* 49: t. 1927.
(36) Leach. 1986. *South African Journal of Botany* 52: 10–12, 369–371.
(37) Carter. 1988. *FTEA* Euphorbiaceae (part 2): 409–533.
(38) Leach. 1988. *South African Journal of Botany* 54: 534–540.
(39) Bruyns. 1990. *South African Journal of Botany* 56: 129, 130.
(40) Leach & Williamson. 1990. *South African Journal of Botany*. 56: 71–78.
(41) Williamson. 1995. *Cactus and Succulent Journal (US)* 67: 284–287.
(42) Marx. 1996. *Cactus and Succulent Journal (US)* 68: 311–314.
(43) Williamson. 1996. *Euphorbia Journal* 10: 98–133.
(44) Archer. 1997. *Bothalia* 27: 91–96.
(45) Rowley. 1998. *The Euphorbiaceae Study Group Bulletin* 11: 93–98.
(46) Archer. 1998. *South African Journal of Botany* 64: 258–260.
(47) Carter. 1999. *Kew Bulletin* 54: 959–965.
(48) Marx. 1999. *The Euphorbiaceae Study Group Bulletin* 11: 13–34.
(49) Marx. 1999. *Cactus and Succulent Journal (US)* 71: 33–40.
(50) Archer *et al.* 2001. *Flowering Plants of Africa* 57: 86–90; t. 2176.
(51) Carter. 2001. *FZ* 9,5: 339–433.
(52) Steinmann & Porter. 2002. *Annals of the Missouri Botanical Garden* 89: 453–490.
(53) Carter & Archer. Personal communication.

aequoris N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.22 m. Alt 366–1405 m. FS, NC, WC, EC

aeruginosa Schweick.
Perennial. Succulent shrub. Ht 0.1–0.36 m. Alt 305–885 m. LIM

aggregata A.Berger var. **aggregata**
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 945–1570 m. FS, EC

aggregata A.Berger var. **alternicolor** (N.E.Br.) A.C. White, R.A.Dyer & B.Sloane
E. alternicolor N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.07–0.1 m. Alt ± 1500 m. EC

albanica N.E.Br.
Perennial. Herb, dwarf shrub. Ht 0.2–0.25 m. Alt ± 750 m. EC

albertensis N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 1450–1550 m. NC

albipollinifera L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.01–0.1 m. Alt 550–715 m. EC

albovillosa Pax = **E. gueinzii** var. **albovillosa**

alternicolor N.E.Br. = **E. aggregata** var. **alternicolor**

amarifontana N.E.Br.
Perennial. Shrub, succulent. Ht ± 0.3 m. Alt ± 550 m. NC

angrae N.E.Br.
Perennial. Dwarf shrub, succulent. Ht ± 0.1 m. Alt 5–152 m. N

angularis of most authors, not of Klotzsch = **E. cooperi** var. **cooperi**

anomala Pax = **E. pfeilii**

anoplia Stapf
Perennial. Shrub, succulent. Ht 0.1–1 m. Alt 50–100 m. EC

antunesii Pax = **Tavaresia barklyi**

arceuthobioides Boiss.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.45 m. Alt 5–475 m. WC

argillicola Dinter = **E. namibensis**

arida N.E.Br.
Perennial. Dwarf succulent. Ht 0.02–0.05 m. Alt ?–1640 m. FS, NC

arrecta N.E.Br. (1915), not of N.E.Br. (1914) = **E. mixta**

artifolia N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt 155–185 m. WC

aspericaulis Pax
Perennial. Dwarf shrub, succulent. Ht 0.3–0.45 m. Alt 670–1000 m. NC

astrispina N.E.Br. = **E. stellispina** var. **astrispina**

atrispina N.E.Br. var. **atrispina**
Perennial. Shrub, succulent. Ht 0.07–0.2 m. Alt 850–1150 m. WC

atrispina N.E.Br. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.07–0.2 m. Alt ± 1150 m. WC

austro-occidentalis Thell.
E. forskalii J.Gay in Webb & Berthel. of Meyer, misapplied name (53)
Perennial. Herb. Ht ± 0.01 m. Alt ?–1150 m. N

astrophora J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 680–730 m. EC

avasmontana Dinter var. **avasmontana**
E. kalaharica Marloth (18)
Perennial. Shrub, succulent. Ht 0.5–1.8 m. Alt 680–1220 m. N, NC

avasmontana Dinter var. **sagittaria** (Marloth) A.C.White, R.A.Dyer & B.Sloane
E. sagittaria Marloth (18)
Perennial. Shrub, succulent. Ht 0.5–1.7 m. Alt ± 1000 m. NC

baliola N.E.Br.
Perennial. Shrub, succulent. Ht 0.05–0.1 m. Alt ± 1645 m. N

barnardii A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.4–0.6 m. Alt 915–1400 m. LIM

basutica Marloth = **E. clavarioides** var. **clavarioides**

baumii Pax = **E. monteiri** subsp. **monteiri**

bayeri L.C.Leach
Perennial. Shrub, succulent. Ht 0.08–0.12 m. Alt 20–150 m. WC

benthamii Hiern
Annual. Herb. Ht 0.6–1 m. Alt 900–1005 m. N

bergeriana Dinter = **E. gariepina** subsp. **gariepina**

bergii A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.1–0.15 m. Alt 915–1370 m. FS, NC

bolusii N.E.Br. (insufficiently known) (18)
Perennial. Shrub, succulent. Ht? Alt? M?

×**bothae** Lotsy & Goddijn (hybrid crowd)
Perennial. Shrub, succulent. Ht 0.75–1 m. Alt ?–274 m. EC

brachiata E.Mey. ex Boiss.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.6 m. Alt 10–150 m. WC

brakdamensis N.E.Br. (insufficiently known) (18)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt ± 485 m. NC

braunsii N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt 700–1400 m. NC, WC, EC

brevirama N.E.Br. (insufficiently known) (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.05–0.1 m. Alt ± 725 m. EC

bruynsii L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt ± 950 m. EC

bubalina Boiss.
Perennial. Shrub, succulent. Ht 0.5–1.3 m. Alt 15–450 m. EC

bupleurifolia Jacq.
Perennial. Dwarf shrub, succulent. Ht 0.04–0.2 m. Alt 561–1525 m. KZN, EC

burmannii E.Mey. ex Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 4–550 m. NC, WC, EC

caerulescens Haw. (note spelling)
Perennial. Shrub, succulent. Ht 0.5–1.7 m. Alt 425–1300 m. WC, EC

caperonioides R.A.Dyer & P.G.Mey.
Annual, occ. perennial. Herb. Ht up to 0.6 m. Alt ?–1163 m. N

capitosa N.E.Br. = **E. ferox**

caput-medusae L.
Perennial. Shrub, succulent. Ht 0.1–0.4 m. Alt 30–120 m. WC

caterviflora N.E.Br.
E. hastisquama N.E.Br. (18)
E. mundii in sense of R.A.Dyer, not of N.E.Br., misapplied name (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.1–0.3 m. Alt 275–2000 m. FS, NC, WC, EC

celata R.A.Dyer
E. miscella Leach (43)
Perennial. Dwarf shrub. Ht 0.02–0.1 m. Alt 100–130 m. NC, WC

cereiformis L. (insufficiently known)
Perennial. Shrub, succulent. Ht? Alt? EC?

chamaesyce of most authors, not of L. = **E. prostrata**

chamaesycoides B.Nord (doubtfully distinct from *E. inaequilatera*)
Chamaesyce chamaesycoides (B.Nord.) Koutnik (53)
Annual. Herb. Ht 0.05–0.2 m. Alt ?–700 m. N

chersina N.E.Br.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 30–765 m. N, NC

cibdela N.E.Br.
Perennial. Shrub, succulent. Ht 0.5–1 m. Alt ?–800 m. N, NC

clandestina Jacq.
Perennial. Shrub, succulent. Ht 0.2–0.6 m. Alt 60–450 m. WC

clava Jacq.
Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 305–600 m. EC

clavarioides Boiss. var. **clavarioides**
E. basutica Marloth (18)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.45 m. Alt ?–2620 m. G, M, FS, KZN, L, WC, EC

clavarioides Boiss. var. **truncata** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. truncata N.E.Br. (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.06–0.45 m. Alt ?–2134 m. LIM, NW, G, M, KZN

clavigera N.E.Br.
E. persistens R.A.Dyer (47)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 450–750 m. LIM, M, S, KZN

clivicola R.A.Dyer
Perennial. Shrub, succulent. Ht 0.1–0.25 m. Alt 1350–1450 m. LIM

colliculina A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.5–0.12 m. Alt ± 500 m. WC

commiphoroides Dinter = **E. guerichiana**

complexa R.A.Dyer
Perennial. Shrub, succulent. Ht 0.3–0.45 m. Alt 365–732 m. M

confinalis R.A.Dyer subsp. **confinalis**
Perennial. Tree, succulent. Ht 3.5–10 m. Alt 505–900 m. LIM, M

confluens Nel
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt ± 750 m. NC

cooperi in sense of A.Berger, not of N.E.Br., misapplied name = **E. ingens**

cooperi N.E.Br. ex A.Berger var. **cooperi**
E. angularis of most authors, not of Klotzsch. (51)
Perennial. Tree, succulent. Ht 2–7 m. Alt 275–1525 m. B, LIM, NW, G, M, S, KZN

corallothamnus Dinter, naked name = **E. mauritanica** var. **corallothamnus**

corymbosa N.E.Br.
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 20–150 m. WC

crassipes Marloth (insufficiently known) (18)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt ± 1000 m. WC

crispa (Haw.) Sweet
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.05–0.1 m. Alt 18–1035 m. NC, WC

crotonoides Boiss. subsp. **crotonoides**
Perennial. Herb. Ht 0.3–1.5 m. Alt 480–1320 m. N, B, LIM, M

cucumerina Willd. = probably **E. stellispina**

cumulata R.A.Dyer
Perennial. Shrub, succulent. Ht 0.08–0.2 m. Alt ?–906 m. EC

cupularis Boiss. = **Synadenium cupulare**

currorii N.E.Br. = **E. matabelensis**

curvirama R.A.Dyer (hybrid crowd?)
Perennial. Shrub, small tree, succulent. Ht 2–6.5 m. Alt 550–850 m. EC

***cyathophora** J.Murray
Poinsettia cyathophora (J.Murray) Bartl. (37)
Annual. Herb. Ht 0.3–1 m. Alt? N, G, M, KZN, EC

cylindrica A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 1325–1675 m. NC

damarana L.C.Leach
Perennial. Shrub, dwarf shrub, succulent. Ht 1.82–3.04 m. Alt 450–1000 m. N

davyi N.E.Br.
Perennial. Shrub, succulent. Ht 0.03–0.1 m. Alt 520–1525 m. LIM, NW, G

decepta N.E.Br.
Perennial. Shrub, succulent. Ht 0.05–0.08 m. Alt 800–1200 m. WC, EC

decussata E.Mey. ex Boiss.
E. indecora N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 70–1100 m. N, WC, NC

dinteri A.Berger = **E. virosa** subsp. **virosa**

discreta N.E.Br. = **E. woodii**

dregeana E.Mey. ex Boiss.
E. elastica Marloth (18)
Perennial. Shrub, succulent. Ht 1–2 m. Alt 40–1220 m. N, NC

dumosa E.Mey. ex Boiss.
Perennial. Dwarf shrub, herb. Ht ± 0.3 m. Alt 250–500 m. KZN, EC

duseimata R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.05–0.06 m. Alt 900–1372 m. B, NW, FS, NC

ecklonii (Klotzsch & Garcke) A.Hässl.
E. pistiaefolia Boiss. (18)
Perennial. Dwarf shrub, succulent. Ht ± 0.01 m. Alt 90–150 m. WC

eduardoi L.C.Leach
Perennial. Tree, succulent. Ht 5–15 m. Alt 450–550 m. N

eendornensis Dinter = **E. fusca**

elastica Marloth = **E. dregeana**

elliptica Thunb., not of Lam. = **E. silenifolia**

enopla Boiss. var. **enopla**
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ?–900 m. EC

enopla Boiss. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–0.5 m. Alt ± 675 m. EC

enopla in sense of A.Berger, not of Boiss., misapplied name = **E. heptagona** var. **heptagona**

enopla in sense of A.Berger, not of Boiss. var. *dentata* A.Berger, misapplied name = **E. heptagona** var. **dentata**

enormis N.E.Br.
Perennial. Shrub, succulent. Ht 0.25–0.45 m. Alt 350–1800 m. LIM, M

ephedroides E.Mey. ex Boiss. var. **debilis** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ± 650 m. N

ephedroides E.Mey. ex Boiss. var. **ephedroides**
Perennial. Dwarf shrub, succulent. Ht 0.3–2 m. Alt 60– 2179 m. N, NC

ephedroides E.Mey. ex Boiss. var. **imminuta** L.C.Leach & G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 150 m. NC

epicyparissias E.Mey. ex Boiss.
E. epicyparissias E.Mey. ex Boiss. var. *wahlbergii* (Boiss.) N.E.Br., invalid name (2)
E. involucrata (Klotzsch & Garcke) Boiss. (2)
E. wahlbergii Boiss., illegitimate name (2)
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, WC, EC

epicyparissias E.Mey. ex Boiss. var. *wahlbergii* (Boiss.) N.E.Br. = **E. epicyparissias**

ericoides Lam.
Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 12–550 m. WC, EC

ernestii N.E.Br.
Perennial. Dwarf shrub, shrub, succulent. Ht 0.01–0.05 m. Alt 1500–1615 m. EC

erythrina Link var. **erythrina**
Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 9–900 m. WC

erythrina Link var. **meyeri** N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.1–1 m. Alt 10–500 m. WC

esculenta Marloth
E. inermis Mill. var. *laniglans* N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 765–1365 m. EC

espinosa Pax
Perennial. Tree, shrub, woody. Ht 1.5–2 m. Alt ?–1070 m. N, B, LIM

eustacei N.E.Br.
Perennial. Shrub, succulent. Ht 0.1–0.5 m. Alt ?–1400 m. WC

evansii in sense of N.E.Br. in part, not of Pax, misapplied name = **E. triangularis**

evansii Pax
Perennial. Tree, succulent. Ht 1.2–5 m. Alt 121–1066 m. LIM, M, S, KZN

excelsa A.C.White, R.A.Dyer & B.Sloane
Perennial. Tree, succulent. Ht 4–8(–15) m. Alt 765–855 m. LIM

exilis L.C.Leach
Perennial. Shrub, succulent. Ht 0.3–0.4 m. Alt 200–350 m. WC

eylesii Rendle
Chamaesyce eylesii (Rendle) Koutnik (37, 51)
E. neopolecnemoides in sense of Meyer (51)
Perennial. Herb or dwarf shrub. Ht 0.1–0.3 m. Alt 900–1000 m. N, B

falsa N.E.Br. = **E. meloformis** subsp. **meloformis** forma **falsa**

fasciculata in sense of N.E.Br. in part, not of Thunb., misapplied name = **E. schoenlandii**

fasciculata Thunb.
Perennial. Shrub, succulent. Ht 0.07–0.3 m. Alt ?–155 m. WC

ferox Marloth
E. captiosa N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 500–1000 m. EC

filiflora Marloth
E. meyeri Nel (18)
E. nelii A.C.White, R.A.Dyer & B.Sloane (43)
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ?–915 m. NC

fimbriata in sense of N.E.Br. in part, not of Scop., misapplied name = **E. nesemannii**

fimbriata Scop.
E. mammillaris Haw. in part, not of L. (18)
Perennial. Shrub, succulent. Ht 0.3–1.37 m. Alt 75–155 m. EC

flanaganii N.E.Br.
Perennial. Dwarf shrub, shrub, succulent. Ht 0.02–0.05 m. Alt 30–185 m. EC

foliosa N.E.Br.
Perennial. Herb. Ht ± 0.1 m. Alt ?–70 m. WC

forskalii J.Gay in Webb & Berthel. of Meyer, misapplied name = **E. austro-occidentalis**

fortuita A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, shrub, succulent. Ht 0.02–0.12 m. Alt ± 500 m. WC

francescae L.C.Leach = **E. quadrata**

franckiana A.Berger (insufficiently known) (18)
Perennial. Shrub, succulent. Ht 0.6–1 m. Alt? EC?

franksiae N.E.Br. var. **franksiae**
Perennial. Dwarf shrub, succulent. Ht? Alt 305–730 m. KZN

franksiae N.E.Br. var. **zuluensis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht ± 0.06 m. Alt 155–765 m. KZN

friedrichiae Dinter
E. multiramosa Nel (43)
E. namaquensis N.E.Br. (43)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 800–900 m. N, NC

frutescens N.E.Br. = **E. guerichiana**

fusca Marloth
E. eendornensis Dinter (18)
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ?–1160 m. N, NC

galpinii Pax, illegitimate name = **E. transvaalensis**

gamkensis J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.07–0.1 m. Alt ± 500 m. WC

gariepina Boiss. subsp. **balsamea** (Hiern) L.C.Leach
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 10–100 m. N

gariepina Boiss. subsp. **gariepina**
E. bergeriana Dinter (18)
Perennial. Shrub, succulent. Ht 0.15–0.5 m. Alt 200–1370 m. N, NC

gatbergensis N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.03 m. Alt 730–990 m. KZN, EC

geniculata Ortega = **E. heterophylla**

genistoides P.J.Bergius
Perennial. Dwarf shrub, herb. Ht 0.15–0.75 m. Alt 30–1300 m. WC

gentilis N.E.Br. subsp. **gentilis**
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ?–825 m. NC, WC

gentilis N.E.Br. subsp. **tanquana** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 800–1200 m. NC, WC

giessii L.C.Leach
Perennial. Dwarf shrub, shrub, succulent. Ht 0.5–0.8 m. Alt 100–750 m. N

glandularis L.C.Leach & G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.4–1 m. Alt 100–1300 m. NC

glanduligera Pax
Chamaesyce glanduligera (Pax) Koutnik (37, 51)
Annual, perennial. Herb. Ht 0.15–0.75 m. Alt 610–1067 m. N

glaucella Pax = **E. pfeilii**

globosa (Haw.) Sims
Perennial. Dwarf shrub, herb, succulent. Ht 0.02–0.07 m. Alt 20–250 m. EC

gorgonis A.Berger
Perennial. Dwarf shrub, succulent. Ht 0.01–0.02 m. Alt 350–730 m. EC

grandialata R.A.Dyer
Perennial. Shrub, tree, succulent. Ht 0.7–2 m. Alt ± 1700 m. LIM

grandicornis Goebel ex N.E.Br. subsp. **grandicornis**
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 30–380 m. S, KZN

grandidens Haw.
Perennial. Tree, shrub, succulent. Ht 0.6–16 m. Alt 15–915 m. M, S, KZN, EC

graveolens N.E.Br. = **E. restituta**

gregaria Marloth
Perennial. Shrub, succulent. Ht 1–2 m. Alt 350–1300 m. N, NC

griseola Pax subsp. **griseola**
Perennial. Shrub, succulent. Ht 0.2–1(–1.6) m. Alt 850–1220 m. B, LIM, G

groenewaldii R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.02–0.07 m. Alt ± 1400 m. LIM

gueinzii Boiss. var. **albovillosa** (Pax) N.E.Br.
E. albovillosa Pax (18)
Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 15–750 m. KZN

gueinzii Boiss. var. **gueinzii**
Perennial. Dwarf shrub, succulent. Ht 0.02–0.25 m. Alt 701–2134 m. M, S, FS, KZN, L, EC

guerichiana Pax
E. commiphoroides Dinter (18)
E. frutescens N.E.Br. (26)
Perennial. Tree, shrub. Ht 0.3–6 m. Alt 5–1850 m. N, B, LIM, NC

gummifera Boiss.
Perennial. Shrub, succulent. Ht 0.8–1.3 m. Alt 80–760 m. N, NC

hallii R.A.Dyer
Perennial. Dwarf shrub, shrub, succulent. Ht 0.2–0.4 m. Alt ± 850 m. NC, WC

hamata (Haw.) Sweet
E. peltigera E.Mey. ex Boiss. (43)
Perennial. Shrub, succulent. Ht 0.2–0.6 m. Alt 70–1365 m. N, NC, WC

hastisquama N.E.Br. = **E. caterviflora**

***helioscopia** L.
Annual. Herb. Ht 0.1–0.3 m. Alt 5–1890 m. KZN, WC, EC

heptagona A.Berger, not of L. = **E. pentagona**

heptagona L. var. **dentata** (A.Berger) N.E.Br. (insufficiently known)
E. enopla in sense of A.Berger, not of Boiss. var. *dentata* A.Berger, misapplied name (18)
Perennial. Shrub, succulent. Ht? Alt? EC?

heptagona L. var. **heptagona**
E. enopla in sense of A.Berger, not of Boiss., misapplied name (18)
Perennial. Shrub, succulent. Ht 0.25–1.2 m. Alt 10–950 m. WC, EC

heptagona L. var. **ramosa** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 500–750 m. WC

heptagona L. var. **subsessilis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt ± 1600 m. WC

heptagona L. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.4–2 m. Alt ± 1500 m. WC

herrei A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.12 m. Alt 10–125 m. N, NC

***heterophylla** L.
E. geniculata Ortega (37)
Poinsettia geniculata (Ortega) Klotzsch & Garcke (37)
Annual. Herb. Ht 0.3–1 m. Alt 3–2000 m. B, LIM, NW, G, M, FS

***hirta** L.
Chamaesyce hirta (L.) Millsp. (37, 51)
Annual. Prostrate to ascending herb. Ht 0.05–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, KZN, EC

hopetownensis Nel
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt ± 1275 m. NC

horrida Boiss. var. **horrida**
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 1350–1500 m. WC, EC

horrida Boiss. var. **major** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt ± 975 m. EC

horrida Boiss. var. **noorsveldensis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ± 700 m. EC

horrida Boiss. var. **striata** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–0.8 m. Alt 1025–1150 m. WC, EC

hottentota Marloth
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt 750–1500 m. N, NC

huttoniae N.E.Br. = **E. inermis** var. **huttonae**

hypericifolia of N.E.Br., not of L. = **E. indica**

hypogaea Marloth
Perennial. Dwarf shrub, succulent. Ht 0.02–0.06 m. Alt 1500–1775 m. WC, EC

inaequilatera Sond. var. **inaequilatera**
Chamaesyce inaequilatera (Sond.) Soják (37, 51)
E. sanguinea Boiss. (37, 51)
Annual. Prostrate herb or dwarf shrub. Ht/diameter 0.01–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

inaequilatera Sond. var. **perennis** N.E.Br.
Perennial. Prostrate herb or dwarf shrub. Ht/diameter 0.01–0.5 m. Alt 800–2000 m. B, LIM, NW, NC

inconstantia R.A.Dyer
Perennial. Shrub, succulent. Ht 0.3–1.7 m. Alt ?–460 m. EC

indecora N.E.Br. = **E. decussata**

***indica** Lam.
Chamaesyce hypericifolia of most authors, not of Millsp. (37, 51)
E. hypericifolia of N.E.Br., not of L. (37, 51)
Annual. Spreading or erect herb. Ht 0.05–0.6 m. Alt 1–1265 m. B, LIM, NW, G, M, S, KZN, WC, EC

inelegans N.E.Br. (1915), not of N.E.Br. (1911) = **E. inornata**

inermis Mill. var. **huttoniae** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. huttoniae N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.2–0.4 m. Alt ± 525 m. EC

inermis Mill. var. **inermis**
E. viperina A.Berger (18)
Perennial. Shrub, succulent. Ht 0.2–0.4 m. Alt 120–560 m. EC

inermis Mill. var. *laniglans* N.E.Br. = **E. esculenta**

ingens E.Mey. ex Boiss.
E. cooperi in sense of A.Berger, not of N.E.Br., misapplied name (18)
E. natalensis in sense of A.Berger, not of Bernh., misapplied name (18)
E. similis A.Berger (18)
Perennial. Tree, succulent. Ht 4.5–11 m. Alt 215–1450 m. N, B, LIM, NW, G, M, S, KZN

inornata N.E.Br.
E. inelegans N.E.Br. (1915), not of N.E.Br. (1911) (18)
Perennial. Dwarf shrub, herb, succulent. Ht 0.05–0.11 m. Alt 945–1250 m. NC

insarmentosa P.G.Mey.
Annual. Herb. Ht 0.2–0.6 m. Alt ± 1325 m. N

involucrata (Klotzsch & Garcke) Boiss. = **E. epicyparissias**

jansenvillensis Nel
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ± 860 m. EC

juglans Compton
Perennial. Dwarf shrub, succulent. Ht 0.03–0.05 m. Alt ± 950 m. WC

juttae Dinter
E. siliciicola Dinter (38)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.1 m. Alt 300–850 m. N

kalaharica Marloth = **E. avasmontana** var. **avasmontana**

kaokoensis (A.C.White, R.A.Dyer & B.Sloane) L.C.Leach
E. subsalsa Hiern var. *kaokoensis* A.C.White, R.A.Dyer & B.Sloane (28)
Perennial. Shrub, succulent. Ht 0.4–0.6 m. Alt ?–770 m. N

karroensis (Boiss.) N.E.Br.
Perennial. Shrub, succulent. Ht? Alt ± 550 m. NC

keithii R.A.Dyer
Perennial. Tree, succulent. Ht 2–6 m. Alt ± 845 m. S

knobelii Letty
Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt ± 1350 m. NW

knuthii Pax subsp. **knuthii**
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 60–305 m. M, S, KZN

kraussiana Bernh. var. **erubescens** N.E.Br.
Perennial. Herb. Ht? Alt ?–1768 m. LIM, M, KZN

kraussiana Bernh. var. **kraussiana**
Perennial. Dwarf shrub, herb. Ht 0.38–1.6 m. Alt 3–1830 m. LIM, M, FS, KZN, EC

kwebensis N.E.Br. = **E. pfeilii**

***lathyris** L.
Biennial or perennial. Herb. Ht 0.3–1 m. Alt? WC

lavrani L.C.Leach
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1650 m. N

ledienii A.Berger var. **dregei** N.E.Br.
Perennial. Shrub, succulent. Ht? Alt 150–550 m. EC

ledienii A.Berger var. **ledienii**
Perennial. Shrub, succulent. Ht 1–1.3 m. Alt 120–250 m. EC

leistneri R.H.Archer
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ± 1080 m. N

lignosa Marloth
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 200–650 m. N

limpopoana L.C.Leach ex S.Carter
E. malevola L.C.Leach subsp. *bechuanica* L.C.Leach (47)
Perennial. Shrub, herb, succulent. Ht 0.2–0.3 m. Alt 650–950 m. B, LIM, NW, M

livida E.Mey. ex Boiss.
Chamaesyce livida (E.Mey. ex Boiss.) Koutnik (37, 51)
Perennial. Decumbent or prostrate herb or dwarf shrub. Ht 0.1–0.2 m. Alt 5–55 m. KZN, EC

longibracteata Pax = **E. monteiri** subsp. **monteiri**

loricata Lam.
Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 50–1035 m. WC

louwii L.C.Leach
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 900–1000 m. LIM

lumbricalis L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.2–0.25 m. Alt ± 350 m. WC

lydenburgensis Schweick. & Letty
Perennial. Shrub. Ht 0.5–1.5 m. Alt 650–960 m. LIM, M

macella N.E.Br. (insufficiently known) (18)
Perennial. Shrub, succulent. Ht ± 1.3 m. Alt 20–50 m. WC

macowani N.E.Br. = **E. tuberculata** var. **macowani**

maleolens E.Phillips
Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 762–915 m. LIM

malevola L.C.Leach subsp. *bechuanica* L.C.Leach = **E. limpopoana**

mammillaris Haw. in part, not of L. = **E. fimbriata**

mammillaris L.
Perennial. Shrub, succulent. Ht 0.3–0.45 m. Alt 20–305 m. WC, EC

mammilosa Lem. = **E. spinea**

***marginata** Pursh
Perennial. Herb. Ht 0.3–0.5 m. Alt 500–1700 m. G, FS, EC

marlothiana N.E.Br.
E. marlothii in sense of N.E.Br., not of Pax, misapplied name (18)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt ?–60 m. WC

marlothii in sense of N.E.Br., not of Pax, misapplied name = **E. marlothiana**

marlothii Pax = **E. monteiri** subsp. **monteiri**

matabelensis Pax
E. currorii N.E.Br. (51)
Perennial. Tree, shrub, woody. Ht 1–3 m. Alt 380–915 m. N, B

mauritanica L. var. **corallothamnus** (Dinter) A.C.White, R.A.Dyer & B.Sloane, not validly published ?
E. corallothamnus Dinter, naked name (18)
Perennial. Shrub, succulent. Ht 1–1.06 m. Alt ?–40 m. N

mauritanica L. var. **foetens** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht up to 0.8 m. Alt ?–70 m. N

mauritanica L. var. **lignosa** A.C.White, R.A.Dyer & B.Sloane
E. mauritanica L. var. *namaquensis* N.E.Br. in part (18)
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ?–200 m. N, NC

mauritanica L. var. **mauritanica**
Perennial. Shrub, succulent. Ht 0.07–2.74 m. Alt 10–3100 m. N, FS, KZN, L, NC, WC, EC

mauritanica L. var. **minor** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ?–1000 m. WC

mauritanica L. var. **namaquensis** N.E.Br.
Perennial. Shrub, succulent. Ht 0.6–1 m. Alt 40–1200 m. N, NC

mauritanica L. var. *namaquensis* N.E.Br. in part = **E. mauritanica** var. **lignosa**

melanohydrata Nel
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 50–250 m. NC

meloformis Aiton subsp. **meloformis** forma **falsa** (N.E.Br.) J.G.Marx
E. falsa N.E.Br. (18)
E. pyriformis N.E.Br. (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 650–750 m. EC

meloformis Aiton subsp. **meloformis** forma **magna** R.A.Dyer ex J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt ± 380 m. EC

meloformis Aiton subsp. **meloformis** forma **meloformis**
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 20–150 m. EC

meloformis Aiton subsp. **valida** (N.E.Br.) G.D.Rowley
E. valida N.E.Br. (45)
Perennial. Shrub, succulent. Ht 0.2–0.35 m. Alt ?–460 m. EC

meyeri Nel = **E. filiflora**

micracantha Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 520–1065 m. EC

minutiflora N.E.Br. = **E. serpens**

mira L.C.Leach
Perennial. Dwarf shrub, succulent. Ht ± 0.05 m. Alt 200–650 m. WC

miscella L.C.Leach = **E. celata**

mixta N.E.Br.
E. arrecta N.E.Br. (1915), not of N.E.Br. (1914) (18)
Perennial. Shrub, succulent. Ht 0.3–1.21 m. Alt 90–700 m. WC

monteiri Hook.f. subsp. **brandbergensis** B.Nord.
Perennial. Shrub, succulent. Ht 0.4–3 m. Alt 1700–2500 m. N

monteiri Hook.f. subsp. **monteiri** (note spelling)
E. baumii Pax (26)
E. longibracteata Pax (26)
E. marlothii Pax (26)
Perennial. Shrub, succulent. Ht 0.2–0.85 m. Alt 420–1830 m. N, B

monteiri Hook.f. subsp. **ramosa** L.C.Leach
Perennial. Shrub, succulent. Ht 0.1–1 m. Alt 520–1525 m. B, LIM, G, M

mossambicensis (Klotzsch & Garcke) Boiss.
Chamaesyce mossambicensis (Klotzsch & Garcke) Koutnik (37)
Annual. Herb, prostrate. Ht 0.1–0.3 m. Alt ?–914 m. B, G

muirii N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt ?–60 m. WC

multiceps A.Berger
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 365–1000 m. NC, WC

multifida N.E.Br.
Perennial. Dwarf shrub, geophyte, succulent. Ht up to 0.15 m. Alt? KZN?

multifolia A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.1–0.15 m. Alt ?–900 m. WC

multiramosa Nel = **E. friedrichiae**

mundii in sense of R.A.Dyer, not of N.E.Br., misapplied name = **E. caterviflora**

mundii N.E.Br.
Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 155–1400 m. NC, WC, EC

muraltioides N.E.Br.

Perennial. Herb, dwarf shrub. Ht 0.2–0.35 m. Alt ± 750 m. EC

muricata Thunb.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 300–500 m. WC

namaquensis N.E.Br. = **E. friedrichiae**

namibensis Marloth
E. argillicola Dinter (18)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 1000–1300 m. N

namuskluftensis L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 950–1200 m. N

natalensis Bernh.
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 10–2840 m. KZN, L, EC

natalensis in sense of A.Berger, not of Bernh., misapplied name = **E. ingens**

nelii A.C.White, R.A.Dyer & B.Sloane = **E. filiflora**

neopolecnemoides in sense of Meyer = **E. eylesii**

neopolycnemoides Pax & K.Hoffm.
Chamaesyce neopolycnemoides (Pax & K.Hoffm.) Koutnik (37, 51)
Annual, occ. perennial. Herb. Ht 0.05–0.4 m. Alt 155–1350 m. B, LIM, M, S, KZN, NC

nesemannii R.A.Dyer
E. fimbriata in sense of N.E.Br. in part, not of Scop., misapplied name (18)
Perennial. Shrub, succulent. Ht 0.15–0.25 m. Alt 100–500 m. WC

oatesii Rolfe
Perennial. Herb, dwarf shrub. Ht 0.1–0.3 m. Alt 850–1050 m. B

obesa Hook.f. subsp. **obesa**
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ± 725 m. EC

obesa Hook.f. subsp. **symmetrica** (A.C.White, R.A.Dyer & B.Sloane) G.D.Rowley
E. symmetrica A.C.White, R.A.Dyer & B.Sloane (45)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 825–850 m. EC

ornithopus Jacq.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 610–945 m. EC

otjipembana L.C.Leach
Perennial. Shrub, succulent. Ht 0.5–1.5 m. Alt 1000–1200 m. N

oxystegia Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 700–800 m. NC

passa N.E.Br. = **E. woodii**

pedemontana L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 800 m. WC

peltigera E.Mey. ex Boiss. = **E. hamata**

pentagona Haw.
E. heptagona A.Berger, not of L. (18)
Perennial. Shrub, succulent. Ht 0.3–2.5 m. Alt 120–600 m. EC

pentops A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 900–1250 m. NC

***peplus** L.
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 15–1770 m. NW, G, FS, KZN, WC, EC

perangusta R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 900–1190 m. NW

pergracilis P.G.Mey.
Chamaesyce pergracilis (P.G.Mey.) Koutnik (37, 51)
Perennial. Herb. Ht 0.1–0.4 m. Alt ± 630 m. N

perpera N.E.Br.
Perennial. Dwarf shrub, succulent. Ht? Alt ± 50 m. NC

persistens R.A.Dyer = **E. clavigera**

pfeilii Pax
E. anomala Pax (1)
E. glaucella Pax (51)
E. kwebensis N.E.Br. (51)
Annual, perennial. Herb. Ht 0.15–0.6 m. Alt 610–1067 m. N, B, LIM, NC

phylloclada Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.25 m. Alt 275–490 m. N, NC

pillansii N.E.Br. var. **albovirens** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt ?–650 m. WC

pillansii N.E.Br. var. **pillansii**
E. stellaespina E.Phillips, not of Haw. (18)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt ?–650 m. WC

pillansii N.E.Br. var. **ramosissima** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt ?–650 m. WC

pistiaefolia Boiss. = **E. ecklonii**

planiceps A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 1570 m. NC

polycephala Marloth
Perennial. Dwarf shrub, shrub, succulent. Ht 0.4–0.7 m. Alt 900–1200 m. EC

polygona Haw.
Perennial. Shrub, succulent. Ht 0.5–1.2 m. Alt 155–460 m. EC

procumbens in sense of N.E.Br. (1925), misapplied name = **E. woodii**

***prostrata** Aiton
Chamaesyce prostrata (Aiton) Small (37, 51)
E. chamaesyce of most authors, not of L. (37, 51)
Annual. Herb, prostrate. Ht 0.1–0.2 m. Alt 25–1654 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

pseudocactus A.Berger
Perennial. Shrub, succulent. Ht 0.6–2.4 m. Alt 230–1035 m. KZN

pseudoduseimata A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt ?–1065 m. N, NW, NC

pseudoglobosa Marloth
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 25–250 m. WC

pseudotuberosa Pax
Perennial. Dwarf shrub, succulent. Ht 0.01–0.7 m. Alt 1000–1713 m. LIM, NW, G, M, FS, NC

pubescens Vahl
Perennial. Herb. Ht 0.58–1.5 m. Alt 1550–1800 m. NW, G

pubiglans N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.3 m. Alt 50–450 m. WC, EC

pugniformis Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 50–975 m. EC

***pulcherrima** Willd. ex Klotzsch
Poinsettia pulcherrima (Klotzsch.) Graham (51, 52)
Perennial. Shrub, tree. Ht 0.5–4 m. Alt 125–1650 m. LIM, M, S, KZN

pulvinata Marloth
Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 700–1830 m. LIM, M, S, FS, L, KZN, EC

pyriformis N.E.Br. = **E. meloformis** subsp. **meloformis** forma **falsa**

quadrata Nel
E. francescae L.C.Leach (43)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 1300–1400 m. NC

ramiglans N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.1 m. Alt 25–500 m. NC

rectirama N.E.Br.
Perennial. Shrub, succulent. Ht 0.2–1.5 m. Alt 600–1435 m. B, NW, FS, NC, WC, EC

restituta N.E.Br.
E. graveolens N.E.Br. (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ?–200 m. NC

restricta R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.1–0.35 m. Alt 1400–1525 m. LIM

rhombifolia Boiss.
E. rhombifolia Boiss. var. *cymosa* N.E.Br. (18)
E. rhombifolia Boiss. var. *laxa* N.E.Br. (18)
E. rhombifolia Boiss. var. *triceps* N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 15–1713 m. LIM, NW, G, FS, KZN, NC, WC, EC

rhombifolia Boiss. var. *cymosa* N.E.Br. = **E. rhombifolia**

rhombifolia Boiss. var. *laxa* N.E.Br. = **E. rhombifolia**

rhombifolia Boiss. var. *triceps* N.E.Br. = **E. rhombifolia**

rowlandii R.A.Dyer
Perennial. Shrub, succulent. Ht 1.2–1.8 m. Alt 490–520 m. LIM

rubriflora N.E. Br.
Perennial. Herb. Ht ± 0.02 m. Alt 700–1000 m. B

rudis N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 700–765 m. N, NC

rudolfii N.E.Br.
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt ± 550 m. NC

ruscifolia N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt ± 250 m. EC

sagittaria Marloth = **E. avasmontana** var. **sagittaria**

sanguinea Boiss. = **E. inaequilatera** var. **inaequilatera**

schinzii Pax
Perennial. Dwarf shrub, shrub, succulent. Ht 0.06–0.8 m. Alt 90–1525 m. B, LIM, NW, G

schoenlandii Pax
E. fasciculata in sense of N.E.Br. in part, not of Thunb., misapplied name (18)
Perennial. Shrub, succulent. Ht 0.1–0.45 m. Alt? WC

sclerophylla Boiss.
Perennial. Herb. Ht 0.3–0.45 m. Alt 365–1525 m. EC

sekukuniensis R.A.Dyer
Perennial. Tree, shrub, succulent. Ht 0.6–5.8 m. Alt 915–1200 m. LIM

***serpens** Kunth
Chamaesyce serpens (Kunth) Small (37, 51)
E. minutiflora N.E.Br. (37, 51)
Annual. Herb, prostrate. Ht 0.1–0.2 m. Alt 5–1365 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

***serrata** L.
Perennial. Herb. Ht 0.3–0.6 m. Alt 150–450 m. EC

silenifolia (Haw.) Sweet
E. elliptica Thunb., not of Lam. (18)
Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 6–640 m. WC, EC

siliciicola Dinter = **E. juttae**

similis A.Berger = **E. ingens**

spartaria N.E.Br.
Perennial. Shrub, succulent. Ht 0.4–1 m. Alt 1700–2250 m. N

spicata E.Mey. ex Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt ± 1000 m. NC

spinea N.E.Br.
E. mammilosa Lem. (18)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 550–750 m. NC

spissiflora S.Carter
Perennial. Herb. Ht 0.3–0.5 m. Alt ± 1060 m. B

squarrosa Haw.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.02–0.3 m. Alt 155–700 m. EC

stapelioides Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 25–100 m. N, NC

stellaespina E.Phillips, not of Haw. = **E. pillansii** var. **pillansii**

stellata Willd.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 50–450 m. EC

stellispina Haw. var. **astrispina** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. astrispina N.E.Br. (18)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.3 m. Alt ± 1000 m. WC

stellispina Haw. var. **stellispina**
?*E. cucumerina* Willd. (18)
Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 450–1250 m. NC, WC

stolonifera Marloth
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 380–1000 m. NC, WC

striata Thunb. var. **cuspidata** (Boiss.) N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.15–0.4 m. Alt? KZN

striata Thunb. var. **striata**
Perennial. Dwarf shrub, herb. Ht 0.15–0.75 m. Alt 15–2590 m. LIM, NW, G, M, S, FS, KZN, L, EC

submammillaris (A.Berger) A.Berger (insufficiently known) (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt? Distr.?

subsalsa Hiern subsp. **fluvialis** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt ± 1080 m. N

subsalsa Hiern var. *kaokoensis* A.C.White, R.A.Dyer & B.Sloane = **E. kaokoensis**

suffulta Bruyns
Perennial. Shrub, succulent. Ht 0.2–1.2 m. Alt 600–1000 m. WC

superans Nel (insufficiently known) (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.11 m. Alt? EC

suppressa J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.05–0.12 m. Alt ± 1100 m. WC

susannae Marloth
Perennial. Dwarf shrub, succulent. Ht 0.02–0.2 m. Alt 700–800 m. WC

symmetrica A.C.White, R.A.Dyer & B.Sloane = **E. obesa** subsp. **symmetrica**

systyloides Pax subsp. **porcaticapsa** S.Carter
Annual. Herb. Ht 0.3–1 m. Alt ± 1400 m. N

tenax Burch.
Perennial. Shrub, succulent. Ht ± 0.6 m. Alt? WC

tetragona Haw.
Perennial. Tree, succulent. Ht 3.5–12 m. Alt 395–955 m. KZN, EC

tettensis Klotzsch
Chamaesyce tettensis (Klotzsch) Koutnik (37, 51)
Annual. Erect or prostrate herb. Ht 0.1–0.3 m. Alt ?–380 m. LIM, M

tirucalli L.
Perennial. Tree, shrub, succulent. Ht 0.2–9 m. Alt 30–1465 m. N, B, LIM, G, M, S, KZN, EC

tortirama R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 800–1250 m. LIM

transvaalensis Schltr.
E. galpinii Pax, illegitimate name (18)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1.2 m. Alt 610–1220 m. N, B, LIM, M, S

triangularis Desf.
E. evansii in sense of N.E.Br. in part, not of Pax, misapplied name (18)
Perennial. Tree, succulent. Ht 2.5–15 m. Alt 5–1665 m. M, S, KZN, EC

trichadenia Pax var. **trichadenia**
Perennial. Dwarf shrub, herb, succulent. Ht 0.05–0.12 m. Alt 185–1670 m. N, B, LIM, NW, G, KZN

tridentata Lam.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 460–580 m. EC

truncata N.E.Br. = **E. clavarioides** var. **truncata**

tuberculata Jacq. var. **macowani** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. macowani N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 300–400 m. WC

tuberculata Jacq. var. **tuberculata**
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 30–395 m. WC

tuberculatoides N.E.Br.
Perennial. Dwarf shrub, succulent. Ht? Alt 100–450 m. WC

tuberosa L.
Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 60–1100 m. WC

tubiglans Marloth ex R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.02–0.15 m. Alt 30–915 m. WC, EC

tugelensis N.E.Br.
Perennial. Shrub, succulent. Ht 0.5–1 m. Alt ?–610 m. KZN

vaalputsiana L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt ± 1100 m. NC

valida N.E.Br. = **E. meloformis** subsp. **valida**

vandermerwei R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.1–0.35 m. Alt 640–800 m. M

venenata Marloth
Perennial. Shrub, succulent. Ht 1.2–2 m. Alt ± 320 m. N

venteri L.C.Leach ex R.H.Archer & S.Carter
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt ± 1220 m. B

verruculosa N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 50–250 m. N

versicolores G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.24 m. Alt ± 750 m. NC

viperina A.Berger = **E. inermis** var. **inermis**

virosa Willd. subsp. **virosa**
E. dinteri A.Berger (26)
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt ?–680 m. N, NC

volkmanniae Dinter
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt ± 1400 m. N

wahlbergii Boiss., illegitimate name = **E. epicyparissias**

waterbergensis R.A.Dyer
Perennial. Shrub, succulent. Ht 0.5–1.2 m. Alt 850–950 m. LIM

wilmaniae Marloth
Perennial. Dwarf shrub, succulent. Ht 0.02–0.2 m. Alt 750–915 m. NC

woodii N.E.Br.
E. discreta N.E.Br. (18)
E. passa N.E.Br. (18)
E. procumbens in sense of N.E.Br. (1925), misapplied name (18)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.1 m. Alt 10–670 m. KZN, EC

zambesiana Benth var. **zambesiana**
Chamaesyce zambesiana (Benth.) Koutnik var. *zambesiana* (51)
Perennial. Prostrate or erect herb, dwarf shrub. Ht ± 0.05 m, ± 0.5 m in diameter. Alt ?–610 m. S, KZN

zoutpansbergensis R.A.Dyer
Perennial. Tree, succulent. Ht 2–8 m. Alt ± 1250 m. LIM

EXCOECARIA L. 4478010

(1) Léonard. 1959. *Bulletin du Jardin Botanique de l'État Bruxelles* 29: 133–140.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 315–318.

bussei (Pax) Pax
Sapium bussei Pax (1)
Perennial. Tree. Ht 1–10 m. Alt 800–1150 m. N, B

magenjensis Sim = **Maprounea africana**

simii (Kuntze) Pax
Sapium simii Kuntze (1)
Perennial. Tree, shrub. Ht 0.2–2.5 m. Alt 3–1220 m. KZN, EC

FLUEGGEA Willd. 4298000

(1) Webster. 1984. *Allertonia* 3: 259–312.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 29–32.

microcarpa Blume = **F. virosa** subsp. **virosa**

verrucosa (Thunb.) G.L.Webster
Phyllanthus verrucosus Thunb. (1)
Perennial. Shrub. Ht 0.6–2.5 m. Alt 15–1220 m. KZN, EC

virosa (Roxb. ex Willd.) Voigt subsp. **virosa**
F. microcarpa Blume (1)
Phyllanthus virosus Roxb. ex Willd. (1)
Securinega virosa (Roxb. ex Willd.) Pax & K.Hoffm. (1)
Perennial. Tree, shrub. Ht 0.3–7.5 m. Alt 25–1300 m. N, B, LIM, NW, G, M, S, KZN

GELONIUM Willd. 4464010

africanum (Sond.) Müll.Arg. = **Suregada africana**

procerum Prain = **Suregada procera**

serratum Pax & K.Hoffm. = **Suregada zanzibariensis**

zanzibariense (Baill.) Müll.Arg. = **Suregada zanzibariensis**

GROSSERA Pax 4353010

aurea Cavaco = **Cavacoa aurea**

HEYWOODIA Sim 4291010

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 6, 7.

lucens Sim
Perennial. Tree. Ht 2–25 m. Alt 5–585 m. S, KZN, EC

*HOMALANTHUS A.Juss. 4480000

(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 381, 382.
(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 354, 355.

populifolius Graham
Perennial. Tree, shrub. Ht 2–3.5 m. Alt?–550 m. WC

HYAENANCHE Lamb. & Vahl 4336000

(1) Hutchinson. 1920. *FC* 4,2: 408, 409.
(2) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 837.
(3) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 89.

globosa (Gaertn.) Lamb & Vahl
Toxicodendrum capense Thunb. (3)
Toxicodendrum globosum (Gaertn.) Pax & K.Schum. (3)
Perennial. Tree. Ht 1.98–4.26 m. Alt 45–670 m. WC

HYMENOCARDIA Wall. ex Lindl. 4325000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 113–117.

capensis (Pax) Hutch. = **H. ulmoides**

ulmoides Oliv.
H. capensis (Pax) Hutch. (1)
H. ulmoides Oliv. var. *capensis* Pax (1)
Perennial. Tree, shrub. Ht 1.5–20 m. Alt 5–549 m. LIM, KZN

ulmoides Oliv. var. *capensis* Pax = **H. ulmoides**

JATROPHA L. 4433000

(1) Prain. 1920. *FC* 5,2: 418–427.
(2) Radcliffe-Smith. 1991. *Kew Bulletin* 46: 141–157.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 253–272.

botswanica Radcl.-Sm.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1000–1050 m. B

brachyadenia Pax & K.Hoffm. = **J. zeyheri**

capensis (L.f.) Sond.
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 155–1160 m. EC

***curcas** L.
Perennial. Tree, shrub. Ht 0.5–3(–7) m. Alt 413–1830 m. N, LIM, M, S, KZN

decumbens Pax & K.Hoffm. probably = **J. seineri**

erythropoda Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.05–0.22 m. Alt 795–1100 m. N, B, LIM, NC

***gossypifolia** L. var. **elegans** (Pohl) Müll.Arg.
Perennial. Tree, shrub. Ht 1–2 m. Alt 420–1350 m. LIM

heterophylla Pax = **J. variifolia**

hirsuta Hochst. var. **glabrescens** (Pax & K.Hoffm.) Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.7 m. Alt 15–450 m. KZN

hirsuta Hochst. var. **hirsuta**
Perennial. Dwarf shrub, herb. Ht 0.15–0.7 m. Alt 15–450 m. KZN

hirsuta Hochst. var. **oblongifolia** Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt 304–1310 m. LIM, M, S

lagarinthoides Sond.
Perennial. Dwarf shrub, herb. Ht 0.08–0.5 m. Alt 610–1389 m. G, M, KZN

latifolia Pax var. **angustata** Prain
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 701–1350 m. LIM, M

latifolia Pax var. **latifolia**
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt ?–1830 m. LIM, M, KZN

latifolia Pax var. **swazica** Prain
Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 385–1370 m. M, S

messinica E.A.Bruce = **J. spicata**

***multifida** L.
Perennial. Shrub. Ht 0.5–2.5 m. Alt 50–450 m. KZN

natalensis Müll.Arg.
Perennial. Dwarf shrub, herb. Ht up to 1 m. Alt 305–825 m. KZN

orangeana Dinter ex P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.7–1.52 m. Alt ?–600 m. N, NC

***podagrica** Hook.
Perennial. Shrub. Ht 0.5–2 m. Alt ?–1450 m. M, KZN

pseudoglandulifera Pax = **J. spicata**

schlechteri Pax subsp. **schlechteri**
Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 850–1120 m. M, S, KZN

schlechteri Pax subsp. **setifera** (Hutch.) Radcl.-Sm.
J. setifera Hutch. (2, 3)
Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 900–1550 m. B, LIM, G

seineri Pax var. **seineri**
Perennial. Dwarf shrub, herb. Ht 0.15–0.42 m. Alt ± 915 m. N, B

setifera Hutch. = **J. schlechteri** subsp. **setifera**

spicata Pax
J. messinica E.A.Bruce (2)
J. pseudoglandulifera Pax (3)
Perennial. Shrub. Ht 0.3–1.25 m. Alt 364–765 m. N, LIM

variifolia Pax
J. heterophylla Pax (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–2 m. Alt 30–1000 m. LIM, M, S, KZN, EC

woodii Kuntze
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 450–750 m. KZN

zeyheri Sond.
J. brachyadenia Pax & K.Hoffm. (1)
J. zeyheri Sond. var. *platyphylla* Pax (2, 3)
J. zeyheri Sond. var. *subsimplex* Prain (2, 3)
Perennial. Dwarf shrub, herb. Ht 0.1–2.43 m. Alt 120–1415 m. B, LIM, NW, G, M, S, KZN

zeyheri Sond. var. *platyphylla* Pax = **J. zeyheri**

zeyheri Sond. var. *subsimplex* Prain = **J. zeyheri**

LACHNOSTYLIS Turcz. 4291000

(1) Hutchinson. 1915. *FC* 5,2: 383, 384.
(2) Dyer. 1943. *South African Journal of Science* 40: 123–126.

bilocularis R.A.Dyer
Perennial. Tree, shrub. Ht 2–5 m. Alt 258–1200 m. WC, EC

capensis Turcz. = **L. hirta**

hirta (L.f.) Müll.Arg.
Discocarpus hirtus (L.f.) Pax & K.Hoffm.
L. capensis Turcz. (2)
Perennial. Tree, shrub. Ht 1.5–8 m. Alt 10–305 m. WC, EC

LEIDESIA Müll.Arg. 4372000

(1) Pax. 1914. *Das Pflanzenreich* 63: 284–286.
(2) Prain. 1920. *FC* 5,2: 462–464.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 159–161.

capensis (Sond.) Müll.Arg. = **L. procumbens**

firmula Prain = **Seidelia firmula**

obtusa (Thunb.) Müll.Arg. = **L. procumbens**

procumbens (L.) Prain
L. capensis (Sond.) Müll.Arg. (1)
L. obtusa (Thunb.) Müll.Arg. (1)
Annual. Semisucculent, herb. Ht 0.1–0.4 m. Alt 5–2160 m. LIM, S, KZN, WC, EC

MACARANGA Thouars 4400000

(1) Prain. 1920. *FC* 5,2: 485–487.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 161–165.

capensis (Baill.) Benth. ex Sim
Perennial. Tree. Ht 2.5–25 m. Alt 5–765 m. KZN, EC

*MANIHOT Mill. 4444000

(1) Rogers & Appan. 1973. *Flora Neotropical Monograph* 13: 19–256.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 244–247.

dichotoma Ule
Perennial. Tree. Ht 1–10 m. Alt? KZN

dulcis (J.F.Gmel.) Pax = **M. esculenta**

esculenta Crantz
M. dulcis (J.F.Gmel.) Pax (2)
M. utilissima Pohl (2)
Perennial. Tree. Ht 1.5–6 m. Alt 450–1600 m. LIM, G, M, KZN

glaziovii Müll.Arg.
Perennial. Tree. Ht 1–10 m. Alt? KZN

grahamii Hook.
Perennial. Tree. Ht 1–5 m. Alt ± 1000 m. N

utilissima Pohl = **M. esculenta**

MAPROUNEA Aubl. 4485000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 325–327.
(2) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 392, 393.

africana Müll.Arg.
Excoecaria magenjensis Sim (1)
Perennial. Tree. Ht 1.5–8 m. Alt 850–1000 m. N

MARGARITARIA L.f. 4299020

(1) Webster. 1979. *Journal of the Arnold Arboretum* 60: 403–444.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 32–36.

discoidea (Baill.) G.L.Webster var. **fagifolia** (Pax) Radcl.-Sm.
M. discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part (2)
Phyllanthus amapondensis Sim (1)
Perennial. Tree. Ht 1.5–30 m. Alt 1100–1500 m. S, KZN, EC

discoidea (Baill.) G.L.Webster var. **nitida** (Pax) Radcl.-Sm.
M. discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part (2)
Phyllanthus flacourtioides Hutch. (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 5–1450 m. N, B, LIM, M, S, KZN

discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part = **M. discoidea** var. **fagifolia**

discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part = **M. discoidea** var. **nitida**

*MERCURIALIS L. 4371000

(1) Prain. 1920. *FC* 5,2: 461, 462.
(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 205.

annua L.
Annual, occ. perennial. Herb. Ht 0.2–0.45 m. Alt 5–250 m. WC

MICROCOCCA Benth. 4367000

(1) Prain. 1920. *FC* 5,2: 460, 461.
(2) Radcliffe-Smith. 1997. *FZ* 9,4: 176–179.

capensis (Baill.) Prain
Perennial. Shrub or small tree. Ht 0.5–5 m. Alt 15–1850 m. LIM, M, S, KZN, EC

mercurialis (L.) Benth.
Annual. Herb. Ht 0.2–0.5 m. Alt ± 1300 m. B

MONADENIUM Pax 4503000

(1) Brown. 1911. *FTA* 6,1: 452.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 223.
(3) Bally. 1961. *The genus* Monadenium: 56, 57.
(4) Carter. 2001. *FZ* 9,5: 438–451.

lugardiae N.E.Br.
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 45–1365 m. B, LIM, M, S, KZN

*PEDILANTHUS A.Poit. 4501000

(1) Dressler. 1957. *Contributions from the Gray Herbarium of Harvard University* 182: 1–188.
(2) Carter. 2001. *FZ* 9,5: 451, 452.

tithymaloides (L.) A.Poit. subsp. **smallii** (Millsp.) Dressler
Perennial. Shrub, succulent. Ht 0.2–1.5 m. Alt 25–? m. M, KZN

PHYLLANTHUS L. 4299000

(1) Hutchinson. 1920. *FC* 5,2: 386–401.
(2) Meyer. 1967. *FSWA* 67: 1–46.
(3) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 9–63.
(4) Radcliffe-Smith. 1996. *Kew Bulletin* 51: 305–330.
(5) Radcliffe-Smith. 1996. *FZ* 9,4: 36–85.
(6) Archer. Personal communication.

amapondensis Sim = **Margaritaria discoidea** var. **fagifolia**

angolensis in sense of Radcl.-Sm., not of Müll.Arg. = **P. loandensis**

asperulatus Hutch.
Annual. Herb. Ht 0.2–0.45 m. Alt 560–1050 m. N, B, LIM, M, S

burchellii Müll.Arg. = **P. parvulus** var. **garipensis**

cedrifolius I.Verd. = **P. polyanthus**

cinereoviridis Pax
Perennial. Shrub. Ht? Alt? N

delagoensis Hutch.
Annual to perennial. Herb. Ht 0.2–0.6 m. Alt 30–250 m. M, S, KZN

dinteri Pax
Perennial. Shrub, dwarf shrub. Ht 0.3–0.76 m. Alt ?–600 m. N

flacourtioides Hutch. = **Margaritaria discoidea** var. **nitida**

***fraternus** G.L.Webster
P. niruri L. in part (5)
Annual. Herb. Ht 0.1–0.45 m. Alt 90–1830 m. B, M, S

garipensis E.Mey. ex Drège = **P. parvulus** var. **garipensis**

genistoides Sond. = **P. incurvus**

gillettianus J.F.Brunel ex Radcl.-Sm.
Annual. Herb. Ht 0.08–0.45 m. Alt 90–1815 m. B

glaucophyllus Sond.
P. glaucophyllus Sond. var. *major* Müll.Arg. (5)
P. glaucophyllus Sond. var. *suborbicularis* Hutch. (5)
Perennial. Dwarf shrub, herb. Ht 0.08–0.45 m. Alt 35–1615 m. LIM, NW, G, S, KZN, EC

glaucophyllus Sond. var. *major* Müll.Arg. = **P. glaucophyllus**

glaucophyllus Sond. var. *suborbicularis* Hutch. = **P. glaucophyllus**

graminicola Hutch. ex S.Moore
P. rogersii Hutch. (5)
Perennial. Dwarf shrub, herb. Ht 0.2–0.35 m. Alt 1150–2100 m. LIM

guenzii Müll.Arg. = **P. maderaspatensis**

heterophyllus E.Mey. ex Müll.Arg.
Perennial. Dwarf shrub, herb. Ht 0.2–0.91 m. Alt 50–825 m. KZN, EC

humilis in the sense of Hutch., not of Pax = **P. parvulus** var. **parvulus**

incurvus Thunb.
P. genistoides Sond (1)
P. multicaulis Müll.Arg. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.48 m. Alt 30–1580 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

kirkianus Müll.Arg. = **P. pinnatus**

loandensis Welw. ex Müll.Arg.
P. angolensis in sense of Radcl.-Sm., not of Müll.Arg. (5)
Perennial, annual. Dwarf shrub, shrub or herb. Ht 0.15–0.35 m. Alt 860–1372 m. N, LIM, NW, NC

macranthus Pax var. **macranthus**
Perennial. Shrub. Ht 0.5–1.5 m. Alt 460–1081 m. LIM

maderaspatensis L.
P. guenzii Müll.Arg. (1)
P. paxianus Dinter (6)
Annual or perennial. Herb. Ht 0.1–1 m. Alt 45–1720 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

mendesii Brunel ex Radcl.-Sm.
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–0.4(–0.8) m. Alt 5–1290 m. N, B

meyerianus Müll.Arg.
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 5–1890 m. LIM, M, KZN, L

mozambicensis Gand. = **P. parvulus** var. **parvulus**

multicaulis Müll.Arg. = **P. incurvus**

myrtaceus Sond.
Perennial. Shrub. Ht 0.5–2.5 m. Alt 305–2250 m. KZN, EC

niruri L. in part = **P. fraternus**

nummulariifolius Poir. var. **nummulariifolius**
Perennial or annual. Dwarf shrub, herb or shrub. Ht 0.1–0.6(–2) m. Alt 70–1555 m. LIM, M, KZN

omahakensis Dinter & Pax
Annual. Herb. Ht 0.1–0.3 m. Alt 975–1035 m. N, B, NC

ovalis Sond. = **Andrachne ovalis**

parvulus Sond. var. **garipensis** (E.Mey. ex Drège) Radcl.-Sm.
P. burchellii Müll.Arg. (5)
P. garipensis E.Mey. ex Drège (5)
P. tenellus Roxb. var. *garipensis* (E.Mey. ex Drège) Müll.Arg. (6)
Perennial. Dwarf shrub, herb. Ht 0.1–2.28 m. Alt 15–1713 m. LIM, NW, G, M, S, KZN, NC, EC

parvulus Sond. var. **parvulus**
P. mozambicensis Gand. (5)
P. humilis in the sense of Hutch., not of Pax (5, 6)
Perennial. Dwarf shrub, herb. Ht 0.1–2.28 m. Alt 15–1713 m. N, B, LIM, NW, G, M, FS, NC

paxianus Dinter = **P. maderaspatensis**

pentandrus Schumach. & Thonn.
Annual, subperennial. Dwarf shrub, herb. Ht 0.14–0.6 m. Alt 185–1200 m. N, B, LIM, M, S, KZN

pinnatus (Wight) G.L.Webster
P. kirkianus Müll.Arg. (3)
Perennial. Shrub, tree. Ht 0.6–2 m. Alt 185–520 m. LIM

polyanthus Pax
P. cedrifolius I.Verd. (3)
Perennial. Shrub, tree. Ht 0.5–8 m. Alt 185–520 m. KZN, EC

purpureus Müll.Arg.
Perennial. Shrub. Ht 0.5–1 m. Alt 150–550 m. N

reticulatus Poir. var. **reticulatus**
Perennial. Tree, shrub. Ht 1–5(–9) m. Alt 5–1400 m. N, B, LIM, M, S, KZN

rogersii Hutch. = **P. graminicola**

tenellus Roxb. var. *garipensis* (E.Mey. ex Drège) Müll.Arg. = **P. parvulus** var. **garipensis**

verrucosus Thunb. = **Flueggea verrucosa**

virosus Roxb. ex Willd. = **Flueggea virosa** subsp. **virosa**

PLUKENETIA L. 4421010

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 210–212 (as '*Pterococcus*').
(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 247, 248.

africana Sond.
P. hastata Müll.Arg. (1)
Pseudotragia scandens Pax (1)
Pseudotragia schinzii Pax (1)
Pterococcus africana (Sond.) Pax & K.Hoffm. (2)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 950–1100 m. N, B

hastata Müll.Arg. = **P. africana**

POINSETTIA Graham 4498020

cyathophora (J.Murray) Bartl. = **Euphorbia cyathophora**

geniculata (Ortega) Klotzsch & Garcke = **Euphorbia heterophylla**

pulcherrima (Klotzsch.) Graham = **Euphorbia pulcherrima**

PSEUDOLACHNOSTYLIS Pax 4295000

(1) Meyer. 1967. *FSWA* 67: 1–46.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 22–27.

dekindtii Pax = **P. maprouneifolia** var. **dekindtii**

maprouneifolia Pax var. **dekindtii** (Pax) Radcl.-Sm.
P. dekindtii Pax (2)
Perennial. Tree, shrub. Ht 2.5–13.71 m. Alt ?–910 m. N, B, LIM

maprouneifolia Pax var. **glabra** (Pax) Brenan
Perennial. Tree. Ht ± 5 m. Alt ?–1100 m. N, B, LIM, NW, G, M

maprouneifolia Pax var. **maprouneifolia**
Perennial. Tree, shrub. Ht 1.06–12.19 m. Alt 109–1495 m. B

PSEUDOTRAGIA Pax 4421020

scandens Pax = **Plukenetia africana**

schinzii Pax = **Plukenetia africana**

PTEROCOCCUS Hassk. 4421000

africanus (Sond.) Pax & K.Hoffm. = **Plukenetia africana**

RICINODENDRON Müll.Arg. 4463000

rautanenii Schinz = **Schinziophyton rautanenii**

*RICINUS L. 4424000

(1) Prain. 1920. *FC* 5,2: 487.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 156–159.

communis L. var. **communis**
Perennial. Tree, shrub. Ht 0.6–7 m. Alt 15–1465 m. N, B, LIM, NW, G, M, S, KZN, L, NC, WC, EC

SAPIUM P.Browne 4483000

bussei Pax = **Excoecaria bussei**

ellipticum (Hochst.) Pax = **Shirakiopsis elliptica**

integerrimum (Hochst.) J.Léonard = **Sclerocroton integerrimus**

mannianum (Müll.Arg.) Benth. = **Shirakiopsis elliptica**

reticulatum Pax = **Sclerocroton integerrimus**

simii Kuntze = **Excoecaria simii**

SCHINZIOPHYTON Hutch. ex Radcl.-Sm. 4463010

(1) Radcliffe-Smith. 1990. *Kew Bulletin* 45: 157.

rautanenii (Schinz) Radcl.-Sm.
Ricinodendron rautanenii Schinz (1)
Perennial. Tree. Ht 4.5–20 m. Alt ?–1225 m. N, B, LIM

SCLEROCROTON Hochst. 4478030

(1) Léonard. 1959. *Bulletin du Jardin Botanique de l'État Bruxelles* 29: 142.
(2) Radcliffe-Smith. 1987. *FZ*: 9,4: 323.
(3) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 378.

integerrimum Hochst.
Sapium integerrimum (Hochst.) J.Léonard (2, 3)
Sapium reticulatum Pax (2)
Perennial. Tree, shrub. Ht 2–9 m. Alt 15–460 m. M, S, KZN

reticulatum Pax = **S. integerrimum**

SECURINEGA Comm. ex Juss. 4297000

schlechteri Pax = **Cleistanthus schlechteri** var. **schlechteri**

virosa (Roxb. ex Willd.) Pax & K.Hoffm. = **Flueggea virosa** subsp. **virosa**

SEIDELIA Baill. 4373000

(1) Pax. 1914. *Das Pflanzenreich* 63: 282–284.
(2) Meyer. 1967. *FSWA* 67: 1–46.
(3) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 206, 207.

firmula (Prain) Pax & K.Hoffm.
Leidesia firmula Prain (1)
Annual. Herb. Ht 0.15–0.3 m. Alt 500–1300 m. N

mercurialis Baill. = **S. triandra**

pumila (Sond.) Baill.
Annual. Herb. Ht 0.15–0.3 m. Alt 5–250 m. EC

triandra (E.Mey.) Pax
S. mercurialis Baill. (2)
Annual. Herb. Ht 0.15–0.25 m. Alt ?–1370 m. N, FS, NC

SHIRAKIOPSIS Esser 4478050

(1) Radcliffe-Smith. 1987. *FZ*: 9,4: 324, 325.
(2) Esser. 2001. *Kew Bulletin* 56: 1017, 1018.
(3) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 380, 381.

elliptica (Hochst.) Esser
Sapium ellipticum (Hochst.) Pax (2)
Sapium mannianum (Müll.Arg.) Benth. (1)
Perennial. Tree. Ht 3–15 m. Alt 30–1200 m. S, KZN, EC

SPHAEROSTYLIS Baill. 4419000

natalensis (Sond.) Croizat = **Tragiella natalensis**

SPIROSTACHYS Sond. 4478000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 313–315.
(2) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 362, 363.

africana Sond.
Perennial. Tree, shrub. Ht 0.5–15 m. Alt 60–1370 m. N, B, LIM, NW, G, M, S, KZN

SUREGADA Roxb. ex Rottler 4464000

(1) Léonard. 1958. *Bulletin du Jardin Botanique de l'État Bruxelles* 28: 443–450.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 249–253.

africana (Sond.) Kuntze
Gelonium africanum (Sond.) Müll.Arg. (1)
Perennial. Tree, shrub. Ht 1–3 m. Alt 15–1640 m. LIM, M, S, KZN, EC

procera (Prain) Croizat
Gelonium procerum Prain (1)
Perennial. Tree. Ht 3–8(–24) m. Alt 120–1675 m. LIM, KZN, EC

zanzibariensis Baill.
Gelonium serratum Pax & K.Hoffm. (1)
Gelonium zanzibariense (Baill.) Müll.Arg. (1)
Perennial. Tree. Ht 0.5–10 m. Alt 90–1100 m. S, KZN

SYNADENIUM Boiss. 4500000

(1) Brown. 1915. *FC* 5,2: 220, 221.
(2) White *et al.* 1941. *The succulent Euphorbieae*: 953–956, 966.
(3) Carter. 2001. *FZ* 9,5: 434–438.

arborescens Boiss. = **S. cupulare**

cupulare (Boiss.) L.C.Wheeler
Euphorbia cupularis Boiss. (2)
S. arborescens Boiss. (2)
Perennial. Tree, shrub, succulent. Ht 1.2–6 m. Alt 30–1370 m. LIM, M, S, KZN

TOXICODENDRUM Thunb. 4336010

capense Thunb. = **Hyaenanche globosa**

globosum (Gaertn.) Pax & K.Schum. = **Hyaenanche globosa**

TRAGIA L. 4416000

(1) Pax. 1916. *Das Pflanzenreich* 68,1: 32–101.
(2) Prain. 1920. *FC* 5,2: 502–511.
(3) Meyer. 1967. *FSWA* 67: 1–46.
(4) Radcliffe-Smith. 1987. *Kew Bulletin* 42: 395–399.
(5) Radcliffe-Smith. 1996. *FZ* 9,4: 216–238.

benthamii Baker
Perennial. Dwarf shrub, herbaceous climber. Ht 0.2–3 m. Alt ± 1000 m. B

collina Prain
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt? KZN

dinteri Pax
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ± 1325 m. N

dioica Sond.
T. schinzii Pax (4)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 275–1380 m. N, B, LIM, NW, G, M, NC

durbanensis Kuntze = **T. glabrata** var. **glabrata**

gardneri Prain
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt ± 1050 m. B

glabrata (Müll.Arg.) Pax & K.Hoffm. var. **glabrata**
T. durbanensis Kuntze (5)
Perennial. Dwarf shrub, herb. Ht 1.5–3 m. Alt 5–210 m. KZN, EC

incisifolia Prain
Perennial. Herb. Ht 0.25–0.4 m. Alt 150–1450 m. LIM, G, M, KZN

kirkiana Müll.Arg.
Perennial. Herb, climber. Ht 0.25–3 m. Alt 150–1450 m. LIM

lancifolia Dinter ex Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht? Alt ± 1400 m. N

meyeriana Müll.Arg.
Perennial. Herb. Ht 0.1–0.15 m. Alt 15–1280 m. S, KZN, EC

minor Sond.
Perennial. Dwarf shrub, herb. Ht 0.15–0.4 m. Alt 457–1535 m. NW, G, M, S, KZN

natalensis Sond. = **Tragiella natalensis**

okanyua Pax
Perennial. Dwarf shrub, herb, climber. Ht 0.4–3 m. Alt 410–1435 m. N, B, LIM, NW, G, M, S

physocarpa Prain
Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 1280–1450 m. N, G

prionoides Radcl.-Sm.
Perennial. Dwarf shrub, herb, climber. Ht 0.4–9 m. Alt 410–1500 m. NW, G

rogersii Prain
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ?–1370 m. M

rupestris Sond.
Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–3 m. Alt 50–1525 m. LIM, NW, G, M, S, KZN

schinzii Pax = **T. dioica**

sonderi Prain
Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–0.9 m. Alt ?–1525 m. S, KZN

stipularis Radcl.-Sm.
Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–0.9 m. Alt ± 1000 m. B

wahlbergiana Prain
Perennial. Shrub, dwarf shrub, herb, climber, Ht 0.2–0.9 m. Alt 50–1525 m. G

TRAGIELLA Pax & K.Hoffm. 4416020

(1) Pax & Hoffman. 1919. *Das Pflanzenreich* 68: 105.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 97–216.

natalensis (Sond.) Pax & K.Hoffm.
Sphaerostylis natalensis (Sond.) Croizat (2)
Tragia natalensis Sond. (2)
Perennial. Dwarf shrub. Ht 0.5–1.5(–3) m. Alt 5–1450 m. LIM, M, S, KZN, EC

*VERNICIA Lour. 4428010

(1) Airy Shaw. 1966. *Kew Bulletin* 20: 393–395.
(2) Radcliffe-Smith. 1996. *FZ*: 301–303.
(3) Stuppy *et al.* 1999. *Blumea* 44: 73–98.

fordii (Hemsl.) Airy Shaw
Aleurites fordii Hemsl. (2)
Perennial. Tree. Ht 5–20 m. Alt 300–1600 m. G, M, KZN

montana Lour.
Aleurites montana (Lour.) Wilson (2)
Perennial. Tree. Ht. 3–15 m. Alt 400–1400 m. LIM, G, M, KZN

FABACEAE

Compiled by T. Nkonki, H.F. Glen, N. Swelankomo, M. Jordaan, G. Germishuizen & A. Moteetee

ABRUS Adans. 3856000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,2: 235–253.
(2) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 113–117.

laevigatus E.Mey.
Perennial. Climber. Ht 1–3 m. Alt 50–1615 m. N, LIM, NW, G, M, S, KZN, EC

precatorius L. subsp. **africanus** Verdc.
A. squamulosus E.Mey. (1)
Perennial. Climber. Ht 2.44–4.5 m. Alt 15–1500 m. N, B, LIM, M, S, KZN, EC

squamulosus E.Mey. = **A. precatorius** subsp. **africanus**

ACACIA Mill. 3446000

Compiled by T. Nkonki

(1) Bentham. 1842. *London Journal of Botany* 1: 318–392, 494–528.
(2) Macbride. 1919. *Contributions from the Gray Herbarium of Harvard University* 59: 6–9.
(3) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: tt. 851, 860.
(4) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1220.
(5) Brenan & Exell. 1957. *Boletim da Sociedade Broteriana* 31: 99–142.
(6) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1586.
(7) Ross. 1971. *The Flowering Plants of Africa* 41: tt. 1636, 1637.
(8) Ross. 1972. *The Flowering Plants of Africa* 42: tt. 1652, 1653.
(9) Ross. 1975. *FSA* 16,1: 24–114.
(10) Ross. 1975. *Bothalia* 11: 107–113, 127–131, 231–234, 443–447, 453–470.
(11) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1749.
(12) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1796.
(13) Ross & Killick. 1979. *Memoirs of the Botanical Survey of South Africa* No. 44: 1–150.
(14) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1797.
(15) Lock. 1989. *Legumes of Africa*: 62–79.
(16) Von Breitenbach. 1989. *Journal of Dendrology* 12: 1–10.
(17) Hunde & Thulin. 1989. *Flora of Ethiopia* 3: 75–96.
(18) Thulin. 1998. *Nordic Journal of Botany* 18: 513–517.
(19) Swartz. 2002. In Coates Palgrave, *Keith Coates Palgrave Trees of southern Africa*, edn 3: 19, 285, 286, 289, 295.
(20) Swartz. 2003. *Bothalia* 33: 164, 165.

albida Delile = **Faidherbia albida**

amboensis Schinz = **A. sieberiana** var. **woodii**

arabica (Lam.) Willd. var. *kraussiana* Benth. = **A. nilotica** subsp. **kraussiana**

arenaria Schinz
A. hermannii Baker f. (9)
A. rufobrunnea N.E.Br. (9)
Perennial. Tree, shrub. Ht 1.8–5 m. Alt 380–1200 m. N, B

***armata** R.Br.
Perennial. Shrub. Ht 1.5–3.5 m. Alt? G, WC

ataxacantha DC.
A. eriadenia Benth. (9)
A. lugardiae N.E.Br. (9)
Perennial. Tree, shrub, climber. Ht 3–15 m. Alt 150–1980 m. N, B, LIM, G, M, S, KZN

atomiphylla Burch. = **A. haematoxylon**

***baileyana** F.Muell.
Perennial. Tree, shrub. Ht 3–5 m. Alt 640–1600 m. LIM, NW, G, S, KZN, WC, EC

barbertonensis Schweick. = **A. borleae**

benthamii Rochebr. = **A. nilotica** subsp. **kraussiana**

borleae Burtt Davy
A. barbertonensis Schweick. (9)
Perennial. Tree, shrub. Ht 1–5 m. Alt 52–1525 m. LIM, M, S, KZN

brevispica Harms subsp. **dregeana** (Benth.) Brenan
A. brevispica Harms var. *dregeana* (Benth.) J.H.Ross & Gordon-Gray (9)
A. pennata in sense of E.Mey. var. *dregeana* Benth., misapplied name (9)
Perennial. Tree, shrub, climber. Ht 1–5 m. Alt 107–1220 m. S, KZN, EC

brevispica Harms var. *dregeana* (Benth.) J.H.Ross & Gordon-Gray = **A. brevispica** subsp. **dregeana**

burkei Benth.
A. ferox Benth. (9)
Perennial. Tree. Ht 2–27 m. Alt 20–1310 m. B, LIM, NW, G, M, S

caffra (Thunb.) Willd.
A. caffra (Thunb.) Willd. var. *longa* Glover (9)
A. caffra (Thunb.) Willd. var. *namaquensis* Eckl. & Zeyh. (9)

A. caffra (Thunb.) Willd. var. *tomentosa* Glover (9)
A. caffra (Thunb.) Willd. var. *transvaalensis* Glover (9)
A. fallax E.Mey. (9)
A. multijuga Meisn. (9)
Perennial. Tree, shrub. Ht 3–18 m. Alt 15–1723 m. B, LIM, NW, G, M, S, FS, KZN, WC, EC

caffra (Thunb.) Willd. var. *campylacantha* (Hochst. ex A.Rich.) Roberty = **A. polyacantha** subsp. **campylacantha**

caffra (Thunb.) Willd. var. *longa* Glover = **A. caffra**

caffra (Thunb.) Willd. var. *namaquensis* Eckl. & Zeyh. = **A. caffra**

caffra (Thunb.) Willd. var. *pechuelii* Kuntze = **A. erubescens**

caffra (Thunb.) Willd. var. *tomentosa* Glover = **A. caffra**

caffra (Thunb.) Willd. var. *transvaalensis* Glover = **A. caffra**

campylacantha Hochst. ex A.Rich. = **A. polyacantha** subsp. **campylacantha**

capensis (Burm.f.) Burch. = **A. karroo**

catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty = **A. polyacantha** subsp. **campylacantha**

catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty var. *baumii* Roberty = **A. fleckii**

cinerea Schinz = **A. fleckii**

circummarginata Chiov. = **A. senegal** var. **leiorhachis**

clavigera E.Mey. = **A. robusta** subsp. **clavigera**

clavigera E.Mey. subsp. *clavigera* = **A. robusta** subsp. **clavigera**

***cultriformis** A.Cunn. ex G.Don
Perennial. Tree, shrub. Ht? Alt ?–91 m. WC

cyanophylla Lindl. = **A. saligna**

cyclopis A.Cunn. ex Loudon = **A. cyclops**

***cyclops** A.Cunn. ex G.Don
A. cyclopis A.Cunn. ex Loudon (9)
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 10–1600 m. G, WC, EC

davyi N.E.Br.
Perennial. Tree, shrub. Ht 1–12 m. Alt 155–2900 m. B, LIM, M, S, KZN

***dealbata** Link
A. decurrens Willd. var. *mollis* Lindl. (9)
Perennial. Tree, shrub. Ht 1–15 m. Alt 305–1750 m. G, M, S, FS, KZN, L, EC

***decurrens** (J.C.Wendl.) Willd.
Mimosa decurrens J.C.Wendl. (9)
Perennial. Tree. Ht 1.5–12 m. Alt 700–1500 m. NW, G, M, S, KZN, WC, EC

decurrens Willd. var. *mollis* Lindl. = **A. dealbata**

delagoensis Harms = **A. welwitschii** subsp. **delagoensis**

detinens Burch. = **A. mellifera** subsp. **detinens**

dulcis Marloth & Engl. = **A. erubescens**

dyeri P.P.Swartz
Perennial. Shrub. Ht up to 1 m. Alt? EC

***elata** A.Cunn. ex Benth.
A. terminalis in sense of Court, not of (Salisb.) J.F.Macbr., misapplied name (10)
Perennial. Tree. Ht ± 9 m. Alt? WC

elephantina Burch. = **Elephantorrhiza elephantina**

elephantorrhiza DC. = **Elephantorrhiza elephantina**

engleri Schinz = **Dichrostachys cinerea** subsp. **africana** var. **africana**

eriadenia Benth. = **A. ataxacantha**

erioloba E.Mey.
A. giraffae in sense of many authors, not of Willd., misapplied name (9)
A. giraffae Willd. var. *espinosa* Kuntze (9)
Perennial. Tree, shrub. Ht 5–18 m. Alt 120–1675 m. N, B, LIM, NW, G, M, FS, NC, WC

erioloba E.Mey. × **A. haematoxylon** Willd.
A. giraffae Willd. (9)
A. giraffae Willd. × *A. haematoxylon* Willd. (9)
Perennial. Tree. Ht 4–7 m. Alt 240–1350 m. NC

erubescens Welw. ex Oliv.
A. caffra (Thunb.) Willd. var. *pechuelii* Kuntze (9)
A. dulcis Marloth & Engl. (9)
A. kwebensis N.E.Br. (9)
A. longipetiolata Schinz (9)
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 305–1740 m. N, B, LIM, NW

exuvialis I.Verd.
Perennial. Tree, shrub. Ht 1–5 m. Alt 275–1250 m. LIM, M

fallax E.Mey. = **A. caffra**

***farnesiana** (L.) Willd.
Mimosa farnesiana L. (9)
Perennial. Tree, shrub. Ht 1–4 m. Alt ?–686 m. G, KZN

ferox Benth. = **A. burkei**

***fimbriata** A.Cunn. ex G.Don
Perennial. Tree, shrub. Ht 1.5–10 m. Alt? EC

fleckii Schinz
A. catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty var. *baumii* Roberty (9)
A. cinerea Schinz (9)
Perennial. Tree, shrub. Ht 1–10 m. Alt 410–1450 m. N, B, LIM, NW

galpinii Burtt Davy
Perennial. Tree. Ht 0.6–36 m. Alt 640–1200 m. B, LIM, NW, G, M

gansbergensis Schinz = **A. hereroensis**

gerrardii Benth. subsp. **gerrardii** var. **gerrardii**
A. hebecladoides Harms (9)
Perennial. Tree, shrub. Ht 2.5–15 m. Alt 183–1370 m. B, LIM, G, M, S, KZN

gillettiae Burtt Davy = **A. luederitzii** var. **retinens**

giraffae in sense of many authors, not of Willd., misapplied name = **A. erioloba**

giraffae Willd. = **A. erioloba** × **A. haematoxylon**

giraffae Willd. var. *espinosa* Kuntze = **A. erioloba**

giraffae Willd. × *A. haematoxylon* Willd. = **A. erioloba** × **A. haematoxylon**

glandulifera Schinz = **A. nebrownii**

goeringii Schinz = **A. luederitzii** var. **luederitzii**

goetzei Harms subsp. *microphylla* Brenan, misapplied name (17)

grandicornuta Gerstner
Perennial. Tree. Ht 1–15 m. Alt 30–1065 m. B, LIM, M, S, KZN

haematoxylon Willd.
A. atomiphylla Burch. (9)
Perennial. Tree, shrub. Ht 1–10 m. Alt 120–1280 m. N, NC

harmsiana Dinter = **A. kirkii** subsp. **kirkii** var. **kirkii**

hebeclada DC. subsp. **chobiensis** (O.B.Mill.) A.Schreib.
A. stolonifera Burch. var. *chobiensis* O.B.Mill. (9)
Perennial. Tree, shrub. Ht 1–4 m. Alt 914–1435 m. N, B

hebeclada DC. subsp. **hebeclada**
A. hebeclada DC. var. *stolonifera* (Burch.) Dinter (9)
A. stolonifera Burch. (9)
Perennial. Tree, shrub. Ht 0.5–9 m. Alt 750–2950 m. N, B, LIM, NW, G, M, FS, NC

hebeclada DC. subsp. **tristis** (Welw. ex Oliv.) A.Schreib.
A. tristis Welw. ex Oliv. (9)
Perennial. Tree, shrub. Ht 3–7 m. Alt 915–1450 m. N

hebeclada DC. var. *stolonifera* (Burch.) Dinter = **A. hebeclada** subsp. **hebeclada**

hebecladoides Harms = **A. gerrardii** subsp. **gerrardii** var. **gerrardii**

hereroensis Engl.
A. gansbergensis Schinz (9)
A. mellei I.Verd. (9)
Perennial. Tree, shrub. Ht 2–10 m. Alt 410–1830 m. N, LIM, NW, G, FS, NC

hermannii Baker f. = **A. arenaria**

heteracantha Burch. = **A. tortilis** subsp. **heteracantha**

hirtella E.Mey. = **A. karroo**

hirtella Willd. var. *inermis* Walp. = **A. karroo**

horrida Willd. = **A. karroo**

horrida Willd. var. *transvaalensis* Burtt Davy = **A. karroo**

***implexa** Benth.
Perennial. Tree. Ht ± 10 m. Alt ± 300 m. WC

inconflagrabilis Gerstner = **A. karroo**

inermis Marloth = **Albizia anthelmintica**

julibrissin Willd. = **Albizia julibrissin**

kalachariensis Schinz = **Dichrostachys cinerea** subsp. **africana** var. **setulosa**

karroo Hayne
A. capensis (Burm.f.) Burch. (9)
A. hirtella E.Mey. (9)
A. hirtella Willd. var. *inermis* Walp. (9)
A. horrida Willd. (9)
A. horrida Willd. var. *transvaalensis* Burtt Davy (9)
A. inconflagrabilis Gerstner (9)
A. karroo Hayne var. *transvaalensis* (Burtt Davy) Burtt Davy (9)
A. reticulata (L.) Willd. (9)
Mimosa capensis Burm.f. (9)
Mimosa leucacantha Jacq. (9)
Mimosa nilotica in sense of Burm.f., not of L., misapplied name (9)
Mimosa nilotica in sense of Thunb.(1823), not of L., misapplied name (9)
Perennial. Tree, shrub. Ht 1–22 m. Alt 3–2406 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

karroo Hayne var. *transvaalensis* (Burtt Davy) Burtt Davy = **A. karroo**

karroo Hayne × **A. tenuispina** I.Verd.
Perennial. Tree, shrub. Ht 0.5–4 m. Alt ?–1100 m. G

kirkii Oliv. subsp. *kirkii* var. *intermedia* Brenan = **A. kirkii** subsp. **kirkii** var. **kirkii**

kirkii Oliv. subsp. **kirkii** var. **kirkii**
A. harmsiana Dinter (9)
A. kirkii Oliv. subsp. *kirkii* var. *intermedia* Brenan (9)
A. nilotica (L.) Willd. ex Delile subsp. *adstringens* (Schumach. & Thonn.) Roberty var. *kirkii* (Oliv.) Roberty (9)
A. verrucifera Harms (9)
Perennial. Tree, shrub. Ht 2–10 m. Alt 380–915 m. N, B

kosiensis P.P.Swartz
Perennial. Tree. Ht 10–17 m. Alt? KZN

kraussiana Meisn. ex Benth.
Perennial. Shrub, climber. Ht 1–15 m. Alt 5–1350 m. KZN

kwebensis N.E.Br. = **A. erubescens**

lebbeck (L.) Willd. = **Albizia lebbeck**

litakunensis Burch. = **A. tortilis** subsp. **heteracantha**

***longifolia** (Andrews) Willd.
Mimosa longifolia Andrews (9)
Perennial. Tree, shrub. Ht 1.5–8 m. Alt 4–1500 m. S, KZN, WC, EC

longipetiolata Schinz = **A. erubescens**

lophantha Willd. = **Paraserianthes lophantha** subsp. **lophantha**

luederitzii Engl. var. **luederitzii**
A. goeringii Schinz (9)
Perennial. Tree, shrub. Ht 1.5–15 m. Alt 765–1650 m. N, B, NC

luederitzii Engl. var. **retinens** (Sim) J.H.Ross & Brenan
A. gillettiae Burtt Davy (9)
A. retinens Sim (9)
Perennial. Tree, shrub. Ht 1–15 m. Alt 48–1220 m. B, LIM, NW, G, M, S, KZN

lugardiae N.E.Br. = **A. ataxacantha**

maras Engl. = **A. tortilis** subsp. **heteracantha**

marlothii Engl. = **Albizia anthelmintica**

***mearnsii** De Wild.
Perennial. Tree. Ht 2.5–18 m. Alt 70–1700 m. LIM, M, S, FS, KZN, WC, EC

***mearnsii** De Wild. × **A. dealbata** Link
Perennial. Tree. Ht 0.61–1.07 m. Alt? EC

***melanoxylon** R.Br.
Perennial. Tree. Ht 5–20 m. Alt 200–1900 m. S, KZN, WC, EC

mellei I.Verd. = **A. hereroensis**

mellifera (Vahl) Benth. subsp. **detinens** (Burch.) Brenan
A. detinens Burch. (9)
A. tenax Marloth (9)
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 200–1675 m. N, B, LIM, NW, G, S, FS, NC

mellifera (Vahl) Benth. subsp. **mellifera**
A. senegal (L.) Willd. subsp. *mellifera* (Vahl) Roberty (9)
Inga mellifera (Vahl) Willd. (9)
Mimosa mellifera Vahl (9)
Perennial. Tree, shrub. Ht 1–15 m. Alt 400–1370 m. N

montana P.P.Swartz = **A. theronii**

montis-usti Merxm. & A.Schreib.
Perennial. Tree. Ht 4–9 m. Alt 550–775 m. N

mossambicensis Bolle = **Faidherbia albida**

multijuga Meisn. = **A. caffra**

natalitia E.Mey.
Perennial. Tree. Ht 3–8 m. Alt ?–10 m. M, KZN

nebrownii Burtt Davy
A. glandulifera Schinz (9)
A. rogersii Burtt Davy (9)
A. walteri Suess. (9)
Perennial. Tree, shrub. Ht 1–7.5 m. Alt 550–1435 m. N, B, LIM

nigrescens Oliv.
A. nigrescens Oliv. var. *pallens* Benth. (9)
A. pallens (Benth.) Rolfe (9)
A. passargei Harms (9)
Albizia lugardii N.E.Br. (9)
Perennial. Tree. Ht 2–30 m. Alt 25–1300 m. N, B, LIM, NW, G, M, S, KZN

nigrescens Oliv. var. *pallens* Benth. = **A. nigrescens**

nilotica (L.) Willd. ex Delile subsp. *adstringens* (Schumach. & Thonn.) Roberty var. *kirkii* (Oliv.) Roberty = **A. kirkii** subsp. **kirkii** var. **kirkii**

nilotica (L.) Willd. ex Delile subsp. **kraussiana** (Benth.) Brenan
A. arabica (Lam.) Willd. var. *kraussiana* Benth. (9)
A. benthamii Rochebr. (9)
A. nilotica (L.) Willd. ex Delile var. *kraussiana* (Benth.) A.F.Hill (9)
Mimosa nilotica in sense of Thunb. (1800), not of L., misapplied name (9)
Perennial. Tree. Ht 3–15 m. Alt 5–1829 m. N, B, LIM, NW, G, M, S, KZN

nilotica (L.) Willd. ex Delile var. *kraussiana* (Benth.) A.F.Hill = **A. nilotica** subsp. **kraussiana**

pallens (Benth.) Rolfe = **A. nigrescens**

passargei Harms = **A. nigrescens**

pennata in sense of E.Mey. var. *dregeana* Benth., misapplied name = **A. brevispica** subsp. **dregeana**

permixta Burtt Davy
Perennial. Tree, shrub. Ht 1–5 m. Alt 490–1405 m. LIM, NW

permixta Burtt Davy var. *glabra* Burtt Davy = **A. tenuispina**

***podalyriifolia** A.Cunn. ex G.Don
Perennial. Tree, shrub. Ht 2.5–9 m. Alt 914–1500 m. G, M, S, KZN

polyacantha Willd. subsp. **campylacantha** (Hochst. ex A.Rich.) Brenan
A. caffra (Thunb.) Willd. var. *campylacantha* (Hochst. ex A.Rich.) Roberty (9)
A. campylacantha Hochst. ex A.Rich. (9)
A. catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty (9)
Perennial. Tree. Ht 2–15 m. Alt 460–1000 m. N, B, LIM

procera (Roxb.) Willd. = **Albizia procera**

***pycnantha** Benth.
Perennial. Tree, shrub. Ht 2–10 m. Alt 91–300 m. WC

redacta J.H.Ross = **Calliandra redacta**

reficiens Wawra subsp. **reficiens**
A. uncinata Engl. (9)
Perennial. Tree, shrub. Ht 0.5–7.5 m. Alt 700–1160 m. N

rehmanniana Schinz
Perennial. Tree, shrub. Ht 2–10 m. Alt 1100–1370 m. B, LIM

reticulata (L.) Willd. = **A. karroo**

retinens Sim = **A. luederitzii** var. **retinens**

robbertsii P.P.Swartz
Perennial. Tree, shrub? Ht 2–4 m. Alt? M

robusta Burch. subsp. **clavigera** (E.Mey.) Brenan
A. clavigera E.Mey. (9)
A. clavigera E.Mey. subsp. *clavigera* (9)
A. sambesiaca Schinz (9)
Perennial. Tree. Ht 4–20 m. Alt 15–915 m. N, B, LIM, M, S, KZN

robusta Burch. subsp. **robusta**
Perennial. Tree. Ht 4.5–21 m. Alt 30–1980 m. B, LIM, NW, G, M, KZN

robynsiana Merxm. & A.Schreib.
Perennial. Tree, shrub. Ht 3–25 m. Alt 1036–1183 m. N

rogersii Burtt Davy = **A. nebrownii**

rostrata Sim = **A. senegal** var. **rostrata**

rufobrunnea N.E.Br. = **A. arenaria**

***saligna** (Labill.) H.L.Wendl.
A. cyanophylla Lindl. (9)
Mimosa saligna Labill. (9)
Perennial. Tree, shrub. Ht 3–10 m. Alt 10–700 m. NC, WC, EC

sambesiaca Schinz = **A. robusta** subsp. **clavigera**

schweinfurthii Brenan & Exell var. **schweinfurthii**
Perennial. Shrub, climber. Ht 1.5–12 m. Alt 30–1065 m. B, LIM, M, KZN, EC

senegal (L.) Willd. subsp. *mellifera* (Vahl) Roberty = **A. mellifera** subsp. **mellifera**

senegal (L.) Willd. subsp. *trispinosa* (Stokes) Roberty = **A. senegal** var. **rostrata**

senegal (L.) Willd. var. **leiorhachis** Brenan
A. circummarginata Chiov. (9)
Perennial. Tree, shrub. Ht 2–9 m. Alt 185–1190 m. LIM, NW, M

senegal (L.) Willd. var. **rostrata** Brenan
A. rostrata Sim (9)
A. senegal (L.) Willd. subsp. *trispinosa* (Stokes) Roberty (9)
A. spinosa Marloth & Engl. (9)
A. trispinosa Marloth & Engl. (9)
A. volkii Suess. (9)
Perennial. Tree, shrub. Ht 1.5–8 m. Alt 45–1065 m. N, B, LIM, M, S, KZN

sericocephala Fenzl = **Albizia amara** subsp. **sericocephala**

sieberiana DC. subsp. *vermoesenii* (De Wild.) Troupin var. *vermoesenii* = **A. sieberiana** var. **woodii**

sieberiana DC. subsp. *vermoesenii* (De Wild.) Troupin var. *woodii* (Burtt Davy) Keay & Brenan = **A. sieberiana** var. **woodii**

sieberiana DC. var. *vermoesenii* (De Wild.) Keay & Brenan = **A. sieberiana** var. **woodii**

sieberiana DC. var. **woodii** (Burtt Davy) Keay & Brenan
A. amboensis Schinz (9)
A. sieberiana DC. subsp. *vermoesenii* (De Wild.) Troupin var. *vermoesenii* (9)
A. sieberiana DC. subsp. *vermoesenii* (De Wild.) Troupin var. *woodii* (Burtt Davy) Keay & Brenan (9)
A. sieberiana DC. var. *vermoesenii* (De Wild.) Keay & Brenan (9)
A. vermoesenii De Wild. (9)
A. woodii Burtt Davy (9)
Perennial. Tree. Ht 2–18 m. Alt 30–1525 m. N, B, LIM, G, M, S, KZN

spinosa E.Mey. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

spinosa Marloth & Engl. = **A. senegal** var. **rostrata**

spirocarpa Hochst. ex A.Rich. = **A. tortilis** subsp. **spirocarpa** var. **spirocarpa**

spirocarpoides Engl. = **A. tortilis** subsp. **heteracantha**

stellata (Forssk.) Willd. = **Pterolobium stellatum**

stolonifera Burch. = **A. hebeclada** subsp. **hebeclada**

stolonifera Burch. var. *chobiensis* O.B.Mill. = **A. hebeclada** subsp. **chobiensis**

stuhlmannii Taub.
Perennial. Shrub. Ht 1.5–3.6 m. Alt 490–610 m. LIM

swazica Burtt Davy
Perennial. Tree, shrub. Ht 1–8 m. Alt 90–1005 m. LIM, M, S, KZN

tenax Marloth = **A. mellifera** subsp. **detinens**

tenuispina I.Verd.
A. permixta Burtt Davy var. *glabra* Burtt Davy (9)
Perennial. Shrub. Ht 0.5–4.5 m. Alt 695–1650 m. LIM, NW, G

terminalis in sense of Court, not of (Salisb.) J.F.Macbr., misapplied name = **A. elata**

terminalis (Salisb.) J.F.Macbr.
Perennial. Tree. Ht 9–11 m. Alt ?–1320 m. LIM, WC, EC

theronii P.P.Swartz
A. montana P.P.Swartz (20)
Perennial. Tree. Ht 4–6 m. Alt? M, KZN

tortilis (Forssk.) Hayne subsp. **heteracantha** (Burch.) Brenan
A. heteracantha Burch. (9)
A. litakunensis Burch. (9)
A. maras Engl. (9)
A. spirocarpoides Engl. (9)
Perennial. Tree, shrub. Ht 1–15 m. Alt 30–1360 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

tortilis (Forssk.) Hayne subsp. **spirocarpa** (Hochst. ex A.Rich.) Brenan var. **spirocarpa**
A. spirocarpa Hochst. ex A.Rich. (9)
Perennial. Tree, shrub. Ht 3–14 m. Alt 915–1275 m. N, B

trispinosa Marloth & Engl. = **A. senegal** var. **rostrata**

tristis Welw. ex Oliv. = **A. hebeclada** subsp. **tristis**

uncinata Engl. = **A. reficiens** subsp. **reficiens**

vermoesenii De Wild. = **A. sieberiana** var. **woodii**

verrucifera Harms = **A. kirkii** subsp. **kirkii** var. **kirkii**

viridiramis Burch. = **Xerocladia viridiramis**

volkii Suess. = **A. senegal** var. **rostrata**

walteri Suess. = **A. nebrownii**

welwitschii Oliv. subsp. **delagoensis** (Harms) J.H.Ross & Brenan
A. delagoensis Harms (9)
Perennial. Tree. Ht 1.5–13 m. Alt 380–800 m. LIM, M

woodii Burtt Davy = **A. sieberiana** var. **woodii**

xanthophloea Benth.
Perennial. Tree. Ht ?–30 m. Alt 25–800 m. LIM, M, S, KZN

ACANTHOBOTRYA C.H.Stirt. 3660010

armata (Thunb.) Eckl. & Zeyh. = **Wiborgia mucronata**

sessilifolia Eckl. & Zeyh. = **Lebeckia sessilifolia**

ACANTHONOTUS Benth. 3702010

echinatus (Willd.) Benth. = **Indigofera nummulariifolia**

ACHYRONIA Kuntze 3662010

aculeata (Thunb.) Kuntze = **Aspalathus aculeata**

anthyllodes (L.) Kuntze = **Aspalathus aspalathoides**

arida (E.Mey.) Kuntze = **Aspalathus arida** subsp. **arida**

asparagoides (L.f.) Kuntze = **Aspalathus asparagoides** subsp. **asparagoides**

astroites (L.) Kuntze = **Aspalathus astroites**

calcarata (Harv.) Kuntze = **Aspalathus calcarata**

callosa (L.) Kuntze = **Aspalathus callosa**

capitata (L.) Kuntze = **Aspalathus capitata**

carnosa (P.J.Bergius) Kuntze = **Aspalathus carnosa**

cephalotes (Thunb.) Kuntze = **Aspalathus cephalotes** subsp. **violaceae**

chenopoda (L.) Kuntze = **Aspalathus chenopoda** subsp. **chenopoda**

ciliaris (L.) Kuntze = **Aspalathus ciliaris**

collina (Eckl. & Zeyh.) Kuntze = **Aspalathus collina** subsp. **collina**

erythrodes (Eckl. & Zeyh.) Kuntze = **Aspalathus erythrodes**

ferox (Harv.) Kuntze = **Aspalathus ferox**

leucophaea (Harv.) Kuntze = **Aspalathus ciliaris**

longipes (Harv.) Kuntze = **Aspalathus longipes**

marginalis (Eckl. & Zeyh.) Kuntze = **Aspalathus marginalis**

opaca (Eckl. & Zeyh.) Kuntze = **Aspalathus opaca** subsp. **opaca**

pachyloba (Benth.) Kuntze = **Aspalathus pachyloba** subsp. **pachyloba**

pallescens (Eckl. & Zeyh.) Kuntze = **Aspalathus pallescens**

pappeana (Harv.) Kuntze = **Aspalathus opaca** subsp. **pappeana**

prostrata (Eckl. & Zeyh.) Kuntze = **Aspalathus prostrata**

recurva (Benth.) Kuntze = **Aspalathus recurva**

rubens (Thunb.) Kuntze = **Aspalathus rubens**

rubro-fusca (Eckl. & Zeyh.) Kuntze = **Aspalathus asparagoides** subsp. **rubro-fusca**

sanguinea (Thunb.) Kuntze = **Aspalathus sanguinea** subsp. **sanguinea**

spinescens (Thunb.) Kuntze = **Aspalathus spinescens** subsp. **spinescens**

subulata (Thunb.) Kuntze = **Aspalathus subulata**

ulicina (Eckl. & Zeyh.) Kuntze = **Aspalathus ulicina** subsp. **ulicina**

villosa J.C.Wendl., not of L. = **Liparia angustifolia**

vulnerans (Thunb.) Kuntze = **Aspalathus vulnerans**

ADENANTHERA L. 3459000

gogo Blanco = **Entada rheedii**

ADENOLOBUS Torre & Hillc. 3528020

Compiled by T. Nkonki

(1) Coetzer & Ross. 1977. *FSA* 16,2: 55–58.
(2) Germishuizen. 1988. *The Flowering Plants of Africa* 50: t. 1979.

garipensis (E.Mey.) Torre & Hillc.
Bauhinia garipensis E.Mey. (1)

Perennial. Tree, shrub. Ht 1.7–9 m. Alt 100–1850 m. N, NC

mossamedensis Torre & Hillc. = **A. pechuelii** subsp. **mossamedensis**

pechuelii (Kuntze) Torre & Hillc. subsp. **mossamedensis** (Torre & Hillc.) Brummitt & J.H.Ross
A. mossamedensis Torre & Hillc. (1)
Bauhinia mossamedensis (Torre & Hillc.) C.Cusset (1)
Perennial. Shrub. Ht 0.2–1.5 m. Alt 400–1750 m. N

pechuelii (Kuntze) Torre & Hillc. subsp. **pechuelii**
Bauhinia pechuelii Kuntze (1)
Perennial. Shrub. Ht 0.2–1.5 m. Alt 450–1750 m. N, B

ADENOPODIA C.Presl 3468020

Compiled by T. Nkonki

(1) Brenan. 1986. *Kew Bulletin* 41: 77.

spicata (E.Mey.) C.Presl
Entada natalensis Benth. var. *aculeata* Harv. (1)
Entada spicata (E.Mey.) Druce (1)
Mimosa spicata E.Mey. (1)
Perennial. Shrub, climber. Ht 2–6 m. Alt 15–1340 m. LIM, M, KZN, WC, EC

AESCHYNOMENE L. 3793000

Compiled by T. Nkonki & N. Swelankomo

(1) Gillett. 1960. *Kew Bulletin* 14: 332–334.
(2) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 364–406.

cristata Vatke var. **cristata**
Perennial. Shrub, herb. Ht 0.9–3 m. Alt 915–1030 m. B

fluitans Peter
A. schlechteri Baker f. (2)
Perennial. Herb. Ht 1–4.5 m. Alt 940–1030 m. N, B

glutinosum Schinz = **A. rehmannii** var. **leptobotrya**

indica L.
Annual, occ. perennial. Shrub, herb. Ht 0.3–3 m. Alt 275–1500 m. N, B, LIM, G, M, KZN

leptobotrya Harms ex Baker f. = **A. rehmannii** var. **leptobotrya**

micrantha DC.
Perennial. Herb. Ht 0.2–3 m. Alt 3–915 m. LIM, M, S, KZN

nilotica Taub.
Perennial. Shrub, herb. Ht 1–3 m. Alt? N

nodulosa (Baker) Baker f. var. **glabrescens** J.B.Gillett
Perennial. Shrub. Ht ?–3 m. Alt 920–1760 m. LIM

nodulosa (Baker) Baker f. var. **nodulosa**
A. shirensis Taub. (1)
Perennial. Shrub. Ht 0.45–3 m. Alt 920–1600 m. LIM

nyassana Taub.
Perennial. Shrub, dwarf shrub. Ht 0.15–3 m. Alt 725–1220 m. LIM, M

rehmannii Schinz var. **leptobotrya** (Harms ex Baker f.) J.B.Gillett
A. glutinosum Schinz (1)
A. leptobotrya Harms ex Baker f. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 610–2060 m. LIM, G, M, S

rehmannii Schinz var. **rehmannii**
Perennial. Shrub. Ht 1–1.4 m. Alt 915–1220 m. LIM, M, S

rhodesiaca Harms
Annual. Herb. Ht 0.15–0.6 m. Alt ?–1310 m. LIM

schlechteri Baker f. = **A. fluitans**

shirensis Taub. = **A. nodulosa** var. **nodulosa**

uniflora E.Mey. var. **uniflora**
Annual, occ. perennial. Shrub, herb. Ht 0.5–2.4 m. Alt 5–30 m. KZN, EC

AFRAFZELIA Pierre 3509010

quanzensis (Welw.) Pierre = **Afzelia quanzensis**

AFZELIA Sm. 3509000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 40–43.

attenuata Klotzsch = **A. quanzensis**

petersiana Klotzsch = **A. quanzensis**

quanzensis Welw.
Afrafzelia quanzensis (Welw.) Pierre (1)
A. attenuata Klotzsch (1)
A. petersiana Klotzsch (1)
Intsia quanzensis (Welw.) Kuntze (1)
Pahudia quanzensis (Welw.) Prain (1)
Perennial. Tree. Ht 3.5–20 m. Alt 75–945 m. N, B, LIM, M, S, KZN

ALBIZIA Durazz. 3443000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 7–24.
(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1860.
(3) Fränz. 1995. *European garden flora* 4: 468, 469.

adianthifolia (Schumach.) W.Wight var. **adianthifolia**
A. fastigiata (E.Mey.) Oliv. (1)
Inga fastigiata (E.Mey.) Oliv. (1)
Mimosa adianthifolia Schumach. (1)
Zygia fastigiata E.Mey. (1)
Perennial. Tree. Ht 2.4–20 m. Alt 0–1050 m. LIM, M, S, KZN, EC

amara (Roxb.) Boivin subsp. **sericocephala** (Benth.) Brenan
Acacia sericocephala Fenzl (1)
A. sericocephala Benth. (1)
A. struthiophylla Milne-Redh. (1)
Inga sericocephala A.Rich. (1)
Perennial. Tree. Ht 1.8–12 m. Alt 200–1050 m. B, LIM

anthelmintica (A.Rich.) Brongn.
Acacia inermis Marloth (1)
Acacia marlothii Engl. (1)
A. anthelmintica (A.Rich.) Brongn. var. *australis* Baker f. (1)
A. anthelmintica (A.Rich.) Brongn. var. *pubescens* Burtt Davy (1)
A. umbalusiana Sim (1)
Besenna anthelmintica A.Rich. (1)
Perennial. Tree, shrub. Ht 0.9–10.7 m. Alt 25–1650 m. N, B, LIM, NW, M, S, KZN, NC

anthelmintica (A.Rich.) Brongn. var. *australis* Baker f. = **A. anthelmintica**

anthelmintica (A.Rich.) Brongn. var. *pubescens* Burtt Davy = **A. anthelmintica**

antunesiana Harms
Perennial. Tree, shrub. Ht 0.4–20 m. Alt 500–1250 m. N, NC

brevifolia Schinz
A. parvifolia Burtt Davy (1)
A. rogersii Burtt Davy (1)
Perennial. Tree, shrub. Ht 3–15 m. Alt 150–1250 m. N, B, LIM, NW, G

distachya (Vent.) J.F.Macbr. = **Paraserianthes lophantha** subsp. **lophantha**

evansii Burtt Davy = **A. petersiana** subsp. **evansii**

fastigiata (E.Mey.) Oliv. = **A. adianthifolia** var. **adianthifolia**

forbesii Benth.
Perennial. Tree. Ht 3–20 m. Alt 25–550 m. LIM, M, S, KZN

harveyi E.Fourn.
A. hypoleuca Oliv. (1)
A. pallida Harv. (1)
Perennial. Tree. Ht 1.5–20 m. Alt 250–1200 m. N, B, LIM, M, S

hypoleuca Oliv. = **A. harveyi**

***julibrissin** (Willd.) Durazz.
Acacia julibrissin Willd. (3)
Perennial. Tree. Ht 3–12 m. Alt 1050–1450 m. G, KZN

***lebbeck** (L.) Benth.
Acacia lebbeck (L.) Willd. (1)
Mimosa lebbeck L. (1)
Perennial. Tree. Ht 3–15 m. Alt 0–1525 m. G, KZN

lebbeck (L.) Benth. var. *australis* Burtt Davy = **A. tanganyicensis** subsp. **tanganyicensis**

lophantha (Willd.) Benth. = **Paraserianthes lophantha** subsp. **lophantha**

lugardii N.E.Br. = **Acacia nigrescens**

mossambicensis Sim = **A. versicolor**

pallida Harv. = **A. harveyi**

parvifolia Burtt Davy = **A. brevifolia**

petersiana (Bolle) Oliv. subsp. **evansii** (Burtt Davy) Brenan
A. evansii Burtt Davy (1)
Perennial. Tree. Ht 5–10 m. Alt 25–425 m. LIM, M, KZN

***procera** (Roxb.) Benth.
Acacia procera (Roxb.) Willd. (1)
Mimosa procera Roxb. (1)
Perennial. Tree. Ht 2–8 m. Alt 500–600 m. KZN

rhodesica Burtt Davy = **A. tanganyicensis** subsp. **tanganyicensis**

rogersii Burtt Davy = **A. brevifolia**

sericocephala Benth. = **A. amara** subsp. **sericocephala**

struthiophylla Milne-Redh. = **A. amara** subsp. **sericocephala**

suluensis Gerstner
Perennial. Tree. Ht 6–10 m. Alt 275–1370 m. KZN

tanganyicensis Baker f. subsp. **tanganyicensis**
A. lebbeck (L.) Benth. var. *australis* Burtt Davy (1)
A. rhodesica Burtt Davy (1)
Perennial. Tree. Ht 1–12 m. Alt 520–1525 m. N, B, LIM, NW

umbalusiana Sim = **A. anthelmintica**

versicolor Welw. ex Oliv.
A. mossambicensis Sim (1)
Perennial. Tree. Ht 2.5–20 m. Alt 0–1350 m. N, B, LIM, M, S, KZN

*ALHAGI Gagnebin 3783000

Compiled by T. Nkonki

(1) Hutchinson. 1964. *The genera of flowering plants* 1: 469.
(2) Greuter *et al.* 1989. *Med-Checklist* 4: 6.

camelorum Fisch. = **A. maurorum**

maurorum Medik.
A. camelorum Fisch. (2)
Perennial. Shrub. Ht ?–1.5 m. Alt ?–400 m. WC

ALISTILUS N.E.Br. 3910010

Compiled by T. Nkonki

(1) Brown. 1921. *Kew Bulletin* 1921: 294, 295.

bechuanicus N.E.Br.
Perennial. Herb. Ht ?–0.6 m. Alt 790–1200 m. N, B, LIM, M

ALYSICARPUS Desv. 3810000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 491–501.
(2) Schrire. 1988. *Bothalia* 18: 17–19.

glaber E.Mey. = **A. rugosus** subsp. **perennirufus**

glumaceus (Vahl) DC. subsp. **glumaceus** var. **glumaceus**
Annual. Herb. Ht 0.1–1.5 m. Alt 6–400 m. B, LIM, M, S, KZN

rugosus (Willd.) DC. subsp. **perennirufus** J.Léonard
A. glaber E.Mey. (2)
A. violaceus (Forssk.) Schindl. (2)
A. wallichi Wight & Arn. (2)
Perennial. Herb. Ht 0.2–1 m. Alt 30–1950 m. B, LIM, G, M, S, KZN, EC

rugosus (Willd.) DC. subsp. **rugosus**
Annual. Herb. Ht ?–1.5 m. Alt ?–1550 m. N, B, M, KZN

vaginalis (L.) DC. var. **vaginalis**
Hedysarum vaginale L. (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 10–765 m. LIM, M, S, KZN

violaceus (Forssk.) Schindl. = **A. rugosus** subsp. **perennirufus**

wallichi Wight & Arn. = **A. rugosus** subsp. **perennirufus**

zeyheri Harv.
Perennial. Herb. Ht 0.1–0.8 m. Alt 10–1435 m. LIM, NW, G, M, S, KZN

AMBLYGONOCARPUS Harms 3458000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 132.

andongensis (Welw. ex Oliv.) Exell & Torre
A. obtusangulus (Welw. ex Oliv.) Harms (1)
A. schweinfurthii Harms (1)
Perennial. Tree. Ht 7–16 m. Alt ?–914 m. N, B

obtusangulus (Welw. ex Oliv.) Harms = **A. andongensis**

schweinfurthii Harms = **A. andongensis**

AMPHINOMIA DC. 3657020

bainesii (Baker) A.Schreib. = **Lotononis bainesii**

brachyantha (Harms) A.Schreib. = **Lotononis brachyantha**

curtii (Harms) A.Schreib. = **Lotononis curtii**

furcata Merxm. & A.Schreib. = **Lotononis furcata**

rabenaviana (Dinter & Harms) A.Schreib. = **Lotononis rabenaviana**

schoenfelderi Dinter ex Merxm. & A.Schreib. = **Lotononis schoenfelderi**

stipulosa (Baker f.) A.Schreib. = **Lotononis stipulosa**

strigillosa Merxm. & A.Schreib. = **Lotononis strigillosa**

AMPHITHALEA Eckl. & Zeyh. 3644000

Compiled by T. Nkonki & N. Swelankomo

(1) Granby. 1985. *Opera Botanica*. 80: 5–34.
(2) Schutte & Van Wyk. 1991. *Bothalia* 21: 58, 59.
(3) Schutte. 1998. *Taxon* 47: 55–65.

alba Granby
Perennial. Shrub, dwarf shrub. Ht ?–0.5 m. Alt 45–120 m. WC

axillaris Granby
Perennial. Shrub. Ht 0.6–0.9 m. Alt 365–915 m. WC

biovulata (Bolus) Granby
Psoralea biovulata Bolus (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 70–304 m. WC

bodkinii Dummer
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt ?–1097 m. WC

bowiei (Benth.) A.L.Schutte
Coelidium bowiei Benth. (3)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 325–585 m. WC

bullata (Benth.) A.L.Schutte
Coelidium bullatum Benth. (3)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt? WC

cedarbergensis (Granby) A.L.Schutte
Coelidium cedarbergense Granby (3)
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 795–1676 m. WC

ciliaris Eckl. & Zeyh.
Coelidium ciliare (Eckl. & Zeyh.) Walp. (3)
Ingenhoussia rugosa E.Mey. (3)
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 60–685 m. WC

concava Granby
Perennial. Dwarf shrub. Ht? Alt 1300–2000 m. WC

cuneifolia Eckl. & Zeyh.
Epistemum ferrugineum Walp. (1)
Perennial. Shrub. Ht 0.9–2.5 m. Alt 396–1065 m. WC

cymbifolia (C.A.Sm.) A.L.Schutte
Coelidium cymbifolium C.A.Sm. (3)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? WC

dahlgrenii (Granby) A.L.Schutte
Coelidium dahlgrenii Granby (3)
Perennial. Dwarf shrub. Ht ?–0.5 m. Alt 975–1300 m. WC

densa Eckl. & Zeyh. = **A. imbricata**

densiflora Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

ericifolia (L.) Eckl. & Zeyh. subsp. **erecta** Granby
Perennial. Shrub. Ht 0.5–1 m. Alt 23–245 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **ericifolia**
A. densiflora Eckl. & Zeyh. (1)
A. hilaris Eckl. & Zeyh. (1)
A. multiflora Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.35–0.5 m. Alt 15–732 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **minuta** Granby
Perennial. Dwarf shrub. Ht? Alt ?–1300 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **scoparia** Granby
Perennial. Dwarf shrub. Ht ?–0.25 m. Alt 915–1500 m. WC

esterhuyseniae (Granby) A.L.Schutte
Coelidium esterhuyseniae Granby (3)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.35 m. Alt 1067–1830 m. WC

flava (Granby) A.L.Schutte
Coelidium ciliare (Eckl. & Zeyh.) Walp. var. *brevifolium* L. (3)
Coelidium flavum Granby (3)
Annual, occ. perennial. Shrub. Ht 0.5–0.8 m. Alt 300–470 m. WC

fourcadei Compton
Perennial. Shrub. Ht 0.3–1.5 m. Alt 762–1650 m. WC

hilaris Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

humilis Eckl. & Zeyh. = **A. intermedia**

imbricata (L.) Druce
A. densa Eckl. & Zeyh. (1)
Crotalaria imbricata L. (1)
Lathriogyna candicans Eckl. & Zeyh. (1)
Priestleya meyeri Meisn. (1)
Perennial. Shrub. Ht ?–1.8 m. Alt 500–750 m. WC

intermedia Eckl. & Zeyh.
A. humilis Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 58–1525 m. WC

micrantha Walp.
A. pocockiae Bolus (1)
Cryphiantha imbricata Eckl. & Zeyh. (1)
Ingenhoussia micrantha E.Mey. (1)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 579–1370 m. WC

minima (Granby) A.L.Schutte
Coelidium minimum Granby (3)
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt? WC

monticola A.L.Schutte
Coelidium humile Schltr. (3)
Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.9 m. Alt 185–2000 m. WC

muirii (Granby) A.L.Schutte
Coelidium muirii Granby (3)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 45–1830 m. WC

multiflora Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

muraltioides (Benth.) A.L.Schutte
A. villosa Schltr. var. *brevifolia* Schltr. (3)
Coelidium amphithaleoides Dummer (3)
Coelidium muraltioides Benth. (3)
Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 450–1463 m. WC

obtusiloba (Granby) A.L.Schutte
Coelidium obtusilobum Granby (3)
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? NC

oppositifolia L.Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 155–610 m. WC

pageae (L.Bolus) A.L.Schutte
Coelidium pageae L.Bolus (3)
Perennial. Shrub. Ht 0.9–2 m. Alt 300–310 m. WC

parvifolia (Thunb.) A.L.Schutte
Coelidium fourcadei Compton (3)
Coelidium parviflorum (Thunb.) Druce (3)
Coelidium parvifolium (Thunb.) Druce (3)
Coelidium thunbergii Harv., illegitimate name (3)
Crotalaria parvifolia Thunb. (3)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 610–1463 m. WC

perplexa Eckl. & Zeyh.
Coelidium perplexum (Eckl. & Zeyh.) Granby (3)
Ingenhoussia rosea E.Mey. (3)
Perennial. Shrub. Ht 0.35–1.2 m. Alt 305–1677 m. WC

phylicoides Eckl. & Zeyh.
Perennial. Shrub. Ht 0.8–1.5 m. Alt 610–915 m. WC, EC

pocockiae Bolus = **A. micrantha**

purpurea (Granby) A.L.Schutte
Coelidium purpureum Granby (3)
Perennial. Shrub, dwarf shrub. Ht? Alt ?–1820 m. WC

rostrata A.L.Schutte & B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt ?–120 m. WC

sericea Schltr.
Perennial. Shrub. Ht 0.6–0.9 m. Alt 60–183 m. WC

speciosa Schltr.
Perennial. Shrub. Ht 0.9–1.3 m. Alt 182–215 m. WC

spinosa (Harv.) A.L.Schutte
Coelidium spinosum Harv. (3)
Perennial. Shrub. Ht 0.4–1.2 m. Alt 520–1035 m. WC

stokoei L.Bolus
Perennial. Shrub. Ht ?–0.3 m. Alt 325–1050 m. WC

tomentosa (Thunb.) Granby
Lathriogyna parvifolia Eckl. & Zeyh. (1)
Liparia tomentosa Thunb. (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–2438 m. WC

tortilis (E.Mey.) Steud.
A. vogelii Walp. (3)
Coelidium tortile (E.Mey.) Druce (3)
Ingenhoussia tortilis E.Mey. (3)
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 360–975 m. WC

villosa Schltr.
Coelidium euchaetioides Dummer (3)
Coelidium villosum (Schltr.) Granby (3)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 1005–1524 m. WC

villosa Schltr. var. *brevifolia* Schltr. = **A. muraltioides**

violacea (E.Mey.) Benth.
Ingenhoussia violacea E.Mey. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 245–1220 m. WC

virgata Eckl. & Zeyh.
Indigofera axillaris E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 58–914 m. WC

vlokii (A.L.Schutte & B.-E.van Wyk) A.L.Schutte
Coelidium vlokii A.L.Schutte & B.-E van Wyk (3)
Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC

vogelii Walp. = **A. tortilis**

williamsonii Harv.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 460–610 m. EC

ANDRADIA Sim 3530010

arborea Sim = **Dialium schlechteri**

ANILA Kuntze 3702020

mauritanica (L.) Kuntze var. *oligantha* Kuntze = **Indigofera candolleana**

rupestris (Eckl. & Zeyh.) Kuntze var. *glencoensis* Kuntze = **Indigofera placida**

tenuifolia (Lam.) Kuntze var. *filifolia* Kuntze = **Indigofera tenuissima**

zeyheri (Spreng.) Kuntze var. *macrophylla* Kuntze = **Indigofera rostrata**

zeyheri (Spreng.) Kuntze var. *normalis* Kuntze = **Indigofera zeyheri**

ANTHYLLIS L. 3691000

aspalathoides L. = **Aspalathus aspalathoides**

APODYNOMENE E.Mey. 3718030

grandiflora E.Mey. = **Tephrosia grandiflora**

macropoda E.Mey. = **Tephrosia macropoda** var. **macropoda**

*ARACHIS L. 3803000

Compiled by T. Nkonki & N. Swelankomo

(1) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 440–442.

fruticosa Retz. = **Stylosanthes fruticosa**

hypogaea L.
Annual. Herb. Ht ?–0.3 m. Alt? N, M, KZN

ARGYROLOBIUM Eckl. & Zeyh. 3673000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.
(2) Dümmer. 1913. *The Journal of Botany* 51: 221, 222.
(3) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 469.
(4) Ross. 1971. *The Flowering Plants of Africa* 41: t. 1602.
(5) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.
(6) Lock. 1989. *Legumes of Africa*: 267–275.
(7) Edwards. 1993. *Bothalia* 23: 76–79.
(8) Edwards. 1994. *South African Journal of Botany* 60,1: 39–43.
(9) Edwards. 1996. *Bothalia* 26: 42–46.

aciculare Dummer
Annual. Herb. Ht ?–0.1 m. Alt? WC

adscendens Walp.
Perennial. Herb. Ht ?–0.5 m. Alt 579–1372 m. M, S, KZN

amplexicaule (E.Mey.) Dummer
A. pilosum Harv. (6)
Lotus amplexicaulis E.Mey. (2)
Perennial. Dwarf shrub, climber. Ht 0.12–1 m. Alt 763–2073 m. FS, KZN, EC

andrewsianum (E.Mey.) Steud. = **A. tomentosum**

angustifolium Eckl. & Zeyh. = **A. tuberosum**

angustissimum (E.Mey.) T.J.Edwards
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC

argenteum Eckl. & Zeyh.
Perennial. Shrub, herb, climber. Ht 0.4–1 m. Alt 274–1676 m. FS, NC, WC, EC

baptisioides Walp.
Perennial. Shrub, dwarf shrub. Ht ?–1 m. Alt 610–1281 m. KZN, EC

barbatum Walp.
Perennial. Herb. Ht 0.15–1.8 m. Alt 183–245 m. EC

brevicalyx C.H.Stirt. = **Polhillia brevicalyx**

campicola Harms
Perennial. Herb. Ht 0.28–0.8 m. Alt 915–1067 m. G, M, FS

candicans Eckl. & Zeyh.
Perennial. Herb. Ht 0.1–0.2 m. Alt 30–1830 m. KZN, L, EC

collinum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 518–1433 m. FS, KZN, L, EC

connatum Harv. = **Polhillia connata**

crassifolium Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 122–1220 m. NW, EC

crinitum (E.Mey.) Walp.
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt? WC

filiforme Eckl. & Zeyh.
A. stenorrhizon Oliv. (3)
Perennial. Herb. Ht 0.1–0.15 m. Alt 21–945 m. WC, EC

frutescens Burtt Davy
Perennial. Shrub. Ht 0.5–0.6 m. Alt 762–1464 m. M, S

harveyanum Oliv.
A. uniflorum Harv. (5)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 0–2450 m. LIM, G, M, S, FS, KZN, WC, EC

humile E.Phillips
Perennial. Herb. Ht 0.02–0.75 m. Alt 50–2130 m. FS, KZN, EC

incanum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.07–1.5 m. Alt 61–915 m. EC

involucratum (Thunb.) Harv. = **Polhillia involucrata**

lanceolatum Eckl. & Zeyh.
Perennial. Herb, climber. Ht ?–1 m. Alt 155–854 m. WC, EC

lancifolium Burtt Davy
Perennial. Shrub, dwarf shrub. Ht 0.1–1.25 m. Alt 600–1647 m. LIM, M

leptocladum Harms = **A. lotoides**

longifolium (Meisn.) Walp.
A. natalense Dummer (8)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 610–1220 m. KZN

lotoides Harv.
A. leptocladum Harms (7)
A. variopile N.E.Br. (7)
Perennial. Herb. Ht 0.05–0.2 m. Alt 335–3000 m. M, FS, KZN, L, EC

lydenburgense Harms (insufficiently known)
Perennial. Herb. Ht? Alt? KZN

marginatum Bolus
Perennial. Herb. Ht 0.1–1.8 m. Alt 61–2409 m. S, FS, KZN, EC

megarrhizum Bolus
Perennial. Shrub, dwarf shrub. Ht 0.3–7 m. Alt 945–1311 m. G, M

molle Eckl. & Zeyh.
Perennial. Herb. Ht 0.05–0.2 m. Alt 61–2683 m. G, M, FS, KZN, WC, EC

muddii Dummer
Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 1200–1677 m. LIM, M

muirii L.Bolus
Perennial. Herb. Ht ?–0.2 m. Alt? WC

nanum Schltr. ex Harms
Perennial. Herb. Ht ?–0.1 m. Alt 1525–1830 m. M, KZN

natalense Dummer = **A. longifolium**

nigrescens Dummer
Perennial. Herb. Ht 0.07–0.2 m. Alt 1098–2134 m. M, FS, KZN, L

parviflorum T.J.Edwards
Perennial. Shrub. Ht ?–1 m. Alt? WC

patens Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.05–0.2 m. Alt 15–930 m. FS, KZN, NC, WC, EC

pauciflorum Eckl. & Zeyh. var. **pauciflorum**
Perennial. Herb. Ht 0.45–5.5 m. Alt 250–2043 m. G, M, FS, KZN, L, EC

pauciflorum Eckl. & Zeyh. var. **semiglabrum** Harv.
Perennial. Herb. Ht 0.15–5.5 m. Alt 396–1433 m. FS, KZN, EC

petiolare Walp.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC

pilosum Harv. = **A. amplexicaule**

polyphyllum Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 15–1677 m. EC

pumilum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–1220 m. FS, WC, EC

pseudotuberosum T.J.Edwards
Perennial. Herb. Ht 0.12–0.6 m. Alt 1067–2074 m. M, S, KZN

rotundifolium T.J.Edwards
Perennial. Herb. Ht 0.15–1.8 m. Alt 2–976 m. KZN, EC

rupestre (E.Mey.) Walp. subsp. **rupestre**
Perennial. Herb. Ht 0.1–0.6 m. Alt 200–2440 m. LIM, G, M, FS, KZN, L, WC, EC

sandersonii Harv.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 549–1220 m. KZN

sankeyi Harms
Perennial. Herb. Ht? Alt ?–1708 m. KZN

sericeum Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1 m. Alt 305–549 m. EC

sericosemium Harms
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2226 m. KZN

speciosum Eckl. & Zeyh.
Perennial. Herb. Ht 0.2–5 m. Alt 610–1952 m. G, M, S, KZN, EC

splendens (E.Mey.) Walp.
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 300 m. WC

stenorrhizon Oliv. = **A. filiforme**

stipulaceum Eckl. & Zeyh.
Perennial. Herb. Ht 0.12–0.3 m. Alt 6–2440 m. M, FS, KZN, EC

summomontanum Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.07–0.3 m. Alt 2348–2897 m. FS, KZN, L, EC

sutherlandii Harv.
Perennial. Dwarf shrub, herb. Ht ?–0.9 m. Alt ?–610 m. KZN

tomentosum (Andrews) Druce
A. andrewsianum (E.Mey.) Steud. (5)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 9–3019 m. LIM, G, M, S, KZN, WC, EC

transvaalense Schinz
Perennial. Shrub, dwarf shrub. Ht 0.45–1.6 m. Alt 610–2040 m. LIM, M

tuberosum Eckl. & Zeyh.
A. angustifolium Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.6–0.9 m. Alt 91–2897 m. LIM, NW, G, M, S, FS, KZN, EC

tysonii Harms
Perennial. Herb. Ht 0.05–0.3 m. Alt 1900–2592 m. KZN, EC

uniflorum Harv. = **A. harveyanum**

variopile N.E.Br. = **A. lotoides**

velutinum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? FS, KZN, WC

wilmsii Harms
Perennial. Shrub. Ht 0.3–2 m. Alt 640–1830 m. LIM, M, S, FS, KZN, EC

woodii Dummer (insufficiently known)
Perennial. Shrub. Ht? Alt? KZN

ASPALATHUS L. 3662000

Compiled by T. Nkonki

(1) Dahlgren. 1960. *Opera Botanica* 4: 7–389.
(2) Dahlgren. 1961. *Opera Botanica* 6: 9–118.
(3) Dahlgren. 1962. *Botaniska Notiser* 115,4: 465–473.
(4) Dahlgren. 1963. *Opera Botanica* 8,1: 1–179.
(5) Dahlgren. 1964. *Botaniska Notiser* 117,2: 188–196.
(6) Dahlgren. 1965. *Opera Botanica* 10,1: 1–231.
(7) Dahlgren. 1966. *Opera Botanica* 11,1: 7–266.
(8) Dahlgren. 1967. *The Flowering Plants of Africa* 38: tt. 1481, 1482.
(9) Dahlgren. 1967. *Botaniska Notiser* 120: 26–40
(10) Dahlgren. 1968. *Opera Botanica* 21: 8–304.
(11) Dahlgren. 1968. *Opera Botanica* 22: 7–119.
(12) Dahlgren. 1969. *Flowering Plants of Africa* 40: tt. 1570, 1571.
(13) Dahlgren. 1988. *FSA* 16, 3, 6: 1–423.

abietina Thunb.
A. filifolia E.Mey. (9)
A. fornicata Benth. (9)
Paraspalathus crocea C.Presl (9)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 15–1062 m. WC

acanthes Eckl. & Zeyh.
Perennial. Shrub. Ht 0.4–3.5 m. Alt 75–730 m. WC, EC

acanthiloba R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt ?–180 m. WC

acanthoclada R.Dahlgren
Perennial. Shrub. Ht 0.4–1 m. Alt? WC

acanthophylla Eckl. & Zeyh.
A. chamissonis Vogel (7)
Perennial. Shrub. Ht 0.3–0.9 m. Alt? WC

acicularis E.Mey. subsp. **acicularis**
Perennial. Shrub, dwarf shrub. Ht 0.25–1.5 m. Alt 1525–1829 m. L, NC, EC

acicularis E.Mey. subsp. **planifolia** R.Dahlgren
Perennial. Shrub. Ht 0.3–0.8 m. Alt ?–1550 m. NC, EC

acidota Garab. ex R.Dahlgren
Perennial. Shrub. Ht 0.9–1.2 m. Alt? WC

acifera R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt? WC

aciloba R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 35–90 m. WC

aciphylla Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 80–975 m. WC, EC

acocksii (R.Dahlgren) R.Dahlgren
A. quinquefolia L. subsp. *acocksii* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–1 m. Alt 400–970 m. NC, WC

aculeata Thunb.
Achyronia aculeata (Thunb.) Kuntze (4)
Perennial. Shrub. Ht 0.6–1 m. Alt 180–305 m. WC

acuminata Lam. subsp. **acuminata**
A. inervis (E.Mey.) Benth. (10)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.5 m. Alt 12–1500 m. WC

acuminata Lam. subsp. *magniflora* R.Dahlgren = **A. tulbaghensis**

acuminata Lam. subsp. **pungens** (Thunb.) R.Dahlgren
A. pungens Thunb. (10)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 185–1204 m. NC

acutiflora R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt ?–45 m. WC

adelphea Eckl. & Zeyh. = **A. subtingens**

aemula E.Mey.
A. sericea P.J.Bergius subsp. *aemula* (E.Mey.) R.Dahlgren (13)
Ononis spicata Thunb. (13)
Paraspalathus aemula (E.Mey.) C.Presl (13)
Perennial. Shrub. Ht 1–2.5 m. Alt 520–915 m. WC

aerula E.Mey. *β ramulosa* (E.Mey.) Harv. = **A. ramulosa**

affinis Thunb. = **A. pinguis** subsp. **pinguis**

agardhiana DC. = **A. albens**

albanensis Eckl. & Zeyh. = **A. frankenioides**

albens L.
A. agardhiana DC. (10)
A. armata Thunb. (10)
A. exilis Harv. (10)
Buchenroedera teretifolia Eckl. & Zeyh. (10)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 15–305 m. NC, WC

albiflora Eckl. & Zeyh. = **A. hispida** subsp. **albiflora**

alopecuroides E.Mey. = **A. setacea**

alopecurus Benth.
Perennial. Shrub. Ht 0.2–1 m. Alt 10–220 m. WC, EC

alpestris (Benth.) R.Dahlgren
Borbonia alpestris Benth. (11)
Borbonia pungens Mundt ex Benth. (11)
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 15–975 m. WC

alpina Eckl. & Zeyh. = **A. asparagoides** subsp. **rubro-fusca**

alternifolia Harv. = **A. nudiflora**

altissima R.Dahlgren
Perennial. Shrub. Ht 0.5–2.5 m. Alt 300–1435 m. WC

amoena (R.Dahlgren) R.Dahlgren
A. retroflexa L. subsp. *amoena* R.Dahlgren (6)
Perennial. Shrub. Ht 0.3–0.7 m. Alt? WC

angustifolia (Lam.) R.Dahlgren subsp. **angustifolia**
Borbonia angustifolia Lam. (11)
Borbonia decipiens E.Mey. (11)
Borbonia lanceolata L. (11)
Borbonia lanceolata L. β *angustifolia* (Lam.) Walp. (11)
Borbonia lanceolata L. var. *villosa* E.Phillips (11)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 15–600 m. NC, WC, EC

angustifolia (Lam.) R.Dahlgren subsp. **robusta** (E.Phillips) R.Dahlgren
Borbonia lanceolata L. var. *robusta* E.Phillips (11)
Perennial. Shrub. Ht 2–3 m. Alt 155–1525 m. WC, EC

angustissima E.Mey. = **A. filicaulis**

anthylloides L. = **A. aspalathoides**

appendiculata E.Mey. = **A. ciliaris**

araneosa L.
Paraspalathus araneosa (L.) C.Presl (4)
Paraspalathus cancellata C.Presl (4)
Perennial. Dwarf shrub. Ht 0.01–1.5 m. Alt 90–914 m. WC

araneosa L. β *rigidor* E.Mey. = **A. rubiginosa**

arenaria R.Dahlgren
Perennial. Shrub. Ht 1–1.7 m. Alt 18–600 m. WC

argentea L. = **A. caledonensis**

argentea L. β *glabriuscula* E.Mey. = **A. tridentata** subsp. **tridentata**

argyraea DC. = **A. pedunculata**

argyrella MacOwan
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 50–1005 m. WC

argyrophanes R.Dahlgren
Perennial. Shrub. Ht 0.6–1.5 m. Alt 460–1575 m. FS, WC, EC

arida E.Mey. subsp. **arida**
Achyronia arida (E.Mey.) Kuntze (7)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–1320 m. WC

arida E.Mey. subsp. **erecta** (E.Mey.) R.Dahlgren
Cyphocalyx aridus (E.Mey.) C.Presl (7)
Perennial. Shrub. Ht 0.8–1.5 m. Alt ?–150 m. WC

arida E.Mey. subsp. **procumbens** (E.Mey.) R.Dahlgren
Cyphocalyx major C.Presl (7)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 107–305 m. WC

aristata Compton
Perennial. Dwarf shrub. Ht ?–1 m. Alt 1125–1220 m. WC

aristifolia R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt 120–546 m. WC

armata Thunb. = **A. albens**

aspalathoides (L.) R.Dahlgren
Achyronia anthyllodes (L.) Kuntze (1)
Anthyllis aspalathoides L. (1)
A. anthylloides L. (1)
A. kraussiana Meisn. (1)
A. stellaris Eckl. & Zeyh. (1)
Paraspalathus stellaris (Eckl. & Zeyh.) C.Presl (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.45 m. Alt 15–1405 m. WC

asparagoides L.f. subsp. **asparagoides**
Achyronia asparagoides (L.f.) Kuntze (4)
Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 10–270 m. WC

asparagoides L.f. subsp. **rubro-fusca** (Eckl. & Zeyh.) R.Dahlgren
Achyronia rubro-fusca (Eckl. & Zeyh.) Kuntze (4)
A. alpina Eckl. & Zeyh. (4)
A. rubro-fusca Eckl. & Zeyh. (4)
Perennial. Shrub. Ht 0.1–1 m. Alt 305–610 m. WC, EC

astroites L.
Achyronia astroites (L.) Kuntze (10)
Perennial. Shrub. Ht 0.8–1.3 m. Alt 550–765 m. WC

attenuata R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–290 m. WC

aulonogena Eckl. & Zeyh. = **A. ciliaris**

aurantiaca R.Dahlgren
Perennial. Shrub. Ht ?–1 m. Alt? WC

barbata (Lam.) R.Dahlgren
Borbonia barbata Lam. (11)
Perennial. Shrub. Ht 0.4–1.3 m. Alt 366–520 m. WC

barbigera R.Dahlgren
Perennial. Shrub. Ht 0.4–1 m. Alt 60–80 m. WC

batodes Eckl. & Zeyh. subsp. **batodes**
A. munita Bolus (10)
Perennial. Shrub, dwarf shrub. Ht 0.35–0.5 m. Alt 364–520 m. WC

batodes Eckl. & Zeyh. subsp. **spinulifolia** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt 168–400 m. WC

benthamii Harv. = **A. spicata**

bicolor Eckl. & Zeyh. = **A. retroflexa** subsp. **bicolor**

bidouwensis Garab. ex R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt ?–1000 m. WC

biflora E.Mey. subsp. **biflora**
A. suffruticosa DC. (10)
Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 6–795 m. WC, EC

biflora E.Mey. subsp. **longicarpa** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–60 m. EC

bodkinii Bolus
Perennial. Dwarf shrub. Ht 0.02–0.7 m. Alt 850–2135 m. WC

borboniifolia R.Dahlgren
Perennial. Shrub. Ht 0.2–0.6 m. Alt 610–765 m. WC

bowieana (Benth.) R.Dahlgren
A. canescens L. β *bowieana* Benth. (6)
Perennial. Shrub. Ht 0.9–1.5 m. Alt 244–564 m. WC, EC

bracteata Thunb.
A. capillaris (Thunb.) Benth. (1)
A. pedunculata L'Hér. (1)

A. squarrosa Thunb. (1)
Ononis capillaris Thunb. (1)
Psilolepus bracteatus (Thunb.) C.Presl (1)
Psilolepus pedunculatus (L'Hér.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 80–1983 m. WC, EC

brevicarpa (R.Dahlgren) R.Dahlgren
A. divaricata Thunb. subsp. *brevicarpa* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht ?–0.1 m. Alt 200–1370 m. WC

burchelliana Benth.
Perennial. Shrub. Ht ?–0.8 m. Alt? WC

caerulescens E.Mey. = **Lotononis caerulescens**

caespitosa R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC

calcarata Harv.
Achyronia calcarata (Harv.) Kuntze (6)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 122–152 m. WC

calcarea R.Dahlgren
A. remota L.Bolus (10)
Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 20–155 m. WC

caledonensis R.Dahlgren
A. argentea L. (13)
Paraspalathus argentea (L.) C.Presl (13)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 182–580 m. WC

callosa L.
Achyronia callosa (L.) Kuntze (7)
Paraspalathus callosa (L.) C.Presl (7)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 15–1585 m. WC

callosa L. var. *α fusca* (Thunb.) Harv. = **A. fusca**

callosa L. var. *β brevifolia* Benth. = **A. tylodes**

campestris R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ?–39 m. WC

canaliculata E.Mey. = **A. stenophylla**

candicans W.T.Aiton
A. sericea Lam. (7)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–533 m. WC

candidula R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 60–165 m. WC

canescens L. = **A. laricifolia** subsp. **canescens**

canescens L. *α elongata* E.Mey. = **A. laricifolia** subsp. **canescens**

canescens L. *β bowieana* Benth. = **A. bowieana**

capensis (Walp.) R.Dahlgren
A. sarcodes Vogel ex Benth. (7)
Sarcocalyx capensis Walp. (7)
Sarcophyllus carnosus Thunb. (7)
Perennial. Shrub. Ht 1–2 m. Alt 2–396 m. WC

capillaris (Thunb.) Benth. = **A. bracteata**

capitata L.
Achyronia capitata (L.) Kuntze (7)
A. glomerata L.f. (7)
Paraspalathus capitata (L.) C.Presl (7)
Perennial. Trce, shrub. Ht ?–2 m. Alt 365–950 m. WC

capitella Burch. ex Benth. = **A. inops**

carnosa P.J.Bergius
Achyronia carnosa (P.J.Bergius) Kuntze (7)
Paraspalathus carnosa (P.J.Bergius) C.Presl (7)
Perennial. Shrub. Ht 0.2–1.5 m. Alt 9–750 m. WC

cephalotes Thunb. *β albida* Eckl. & Zeyh. = **A. cephalotes** subsp. **violaceae**

cephalotes Thunb. subsp. **cephalotes**
A. spicata Thunb. *β cephalotes* (Thunb.) Harv. (2)
Paraspalathus cephalotes (Thunb.) C.Presl (2)
Perennial. Shrub. Ht 0.6–2 m. Alt 250–762 m. WC

cephalotes Thunb. subsp. **obscurifolia** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

cephalotes Thunb. subsp. **violaceae** R.Dahlgren
Achyronia cephalotes (Thunb.) Kuntze (2)
A. cephalotes Thunb. *β albida* Eckl. & Zeyh. (2)
Perennial. Dwarf shrub. Ht 0.3–1.8 m. Alt 76–762 m. WC

cerrhantha Eckl. & Zeyh.
Paraspalathus cerrhantha (Eckl. & Zeyh.) C.Presl (2)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 120–488 m. WC

chamissonis Vogel = **A. acanthophylla**

chenopoda L. *β gracilis* Eckl. & Zeyh. = **A. chenopoda** subsp. **gracilis**

chenopoda L. subsp. **chenopoda**
Achyronia chenopoda (L.) Kuntze (4)
A. chenopus Spreng. (4)
Trineuria chenopoda (L.) C.Presl (4)
Perennial. Shrub. Ht 0.6–2 m. Alt 46–305 m. WC

chenopoda L. subsp. **gracilis** (Eckl. & Zeyh.) R.Dahlgren
A. chenopoda L. *β gracilis* Eckl. & Zeyh. (4)
Perennial. Shrub. Ht ?–1 m. Alt? WC

chenopus Spreng. = **A. chenopoda** subsp. **chenopoda**

chortophila Eckl. & Zeyh.
A. frankenioides DC. var. *α chortophila* (Eckl. & Zeyh.) Harv. (6)
Perennial. Shrub, dwarf shrub. Ht 0.1–3 m. Alt 10–1890 m. KZN, WC, EC

chortophila Eckl. & Zeyh. subsp. *congesta* R.Dahlgren = **A. congesta**

chortophila Eckl. & Zeyh. subsp. *kougaensis* R.Dahlgren = **A. kougaensis**

chrysantha R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt 480–610 m. WC

ciliaris L.
Achyronia ciliaris (L.) Kuntze (4)
Achyronia leucophaea (Harv.) Kuntze (4)
A. appendiculata E.Mey. (4)
A. aulonogena Eckl. & Zeyh. (4)
A. dubia E.Mey. (4)
A. leucophaea Harv. (4)
A. meyeriana Eckl. & Zeyh. (4)
A. oresigena Eckl. & Zeyh. (4)
A. papillosa Eckl. & Zeyh. (4)
A. robusta Bolus (4)
Paraspalathus meyeriana (Eckl. & Zeyh.) C.Presl (4)
Trineuria appendiculata (E.Mey.) C.Presl (4)
Trineuria ciliaris (L.) C.Presl (4)
Trineuria papillosa (Eckl. & Zeyh.) C.Presl (4)
Perennial. Shrub. Ht 0.1–1.5 m. Alt 15–1500 m. WC, EC

ciliatistyla L.Bolus = **A. mundiana**

cinerascens E.Mey.
Perennial. Shrub. Ht 0.9–2.5 m. Alt 45–670 m. EC

cinerea Thunb. = **A. cytisoides**

citrina R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.2–0.7 m. Alt 60–460 m. WC

cliffortiifolia R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? EC

cliffortioides Bolus
A. spicata Thunb. subsp. *cliffortioides* (Bolus in Schltr.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.2–1 m. Alt 150–1465 m. WC

cognata C.Presl = **A. linearis**

collina Eckl. & Zeyh. subsp. **collina**
Achyronia collina (Eckl. & Zeyh.) Kuntze (7)
A. versicolor E.Mey. (7)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 155–1830 m. WC, EC

collina Eckl. & Zeyh. subsp. **luculenta** R.Dahlgren
Perennial. Shrub. Ht 0.6–2.8 m. Alt 372–1420 m. WC

commutata (Vogel) R.Dahlgren
Borbonia commutata Vogel (11)
Borbonia undulata Thunb. (11)
Borbonia undulata Thunb. var. *ciliata* E.Phillips (11)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 460–1450 m. WC

comosa Thunb. = **A. parviflora**

compacta R.Dahlgren
Perennial. Shrub. Ht? Alt? WC

complicata (Benth.) R.Dahlgren
Borbonia complicata Benth. (11)
Perennial. Shrub. Ht 0.5–1.5 m. Alt? WC

comptonii R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC

concava Bolus
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt ?–800 m. WC

concavifolia (Eckl. & Zeyh.) R.Dahlgren = **A. cytisoides**

condensata R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC

confusa R.Dahlgren
A. simsiana Eckl. & Zeyh. (4)
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt? WC

congesta (R.Dahlgren) R.Dahlgren
A. chortophila Eckl. & Zeyh. subsp. *congesta* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1829–1891 m. WC

cordata (L.) R.Dahlgren
Borbonia cordata L. (11)
Borbonia cordifolia Lam. (11)
Perennial. Shrub. Ht 0.4–1 m. Alt 30–368 m. WC

cordicarpa R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC?

corniculata R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.9 m. Alt ?–754 m. WC

corrudifolia P.J.Bergius
A. genistoides L. (10)
Perennial. Shrub. Ht 1–3 m. Alt 300–1065 m. WC, EC

corrudifolia P.J.Bergius β *pubescens* Eckl. & Zeyh. = **A. setacea**

corymbosa E.Mey. = **A. linearis**

costulata Benth.
Perennial. Shrub. Ht 0.6–2 m. Alt 180–1220 m. WC

crassisepala R.Dahlgren
A. retroflexa L. var. γ *parviflora* Harv. (10)
Perennial. Dwarf shrub. Ht 0.1–1.5 m. Alt 15–1372 m. WC

crenata (L.) R.Dahlgren
A. leiantha (E.Phillips) R.Dahlgren (13)
Borbonia alata Willd. ex Spreng. (11)
Borbonia crenata L. (11)
Borbonia leiantha E.Phillips (13)
Borbonia parviflora Lam. (11)
Borbonia ruscifolia Sims (11)
Borbonia serrulata Thunb. (11)
Perennial. Shrub. Ht 0.15–1.8 m. Alt 75–1525 m. WC

cuspidata R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 45–880 m. WC

cuspidata R.Dahlgren subsp. *stricticlada* R.Dahlgren = **A. stricticlada**

cymbiformis DC.
A. cymbiformis DC. var. α *hirta* DC. (4)
A. cymbiformis DC. var. β *cochleariformis* C.Presl (4)
A. cymbiformis DC. var. β *pubescens* DC. (4)
A. scaphoides Eckl. & Zeyh. (4)
A. thymifolia L. (4)
Trineuria cochleariformis C.Presl (4)
Trineuria cymbiformis (DC.) C.Presl (4)
Perennial. Shrub. Ht 0.15–1 m. Alt 27–915 m. WC

cymbiformis DC. var. α *hirta* DC. = **A. cymbiformis**

cymbiformis DC. var. β *cochleariformis* C.Presl = **A. cymbiformis**

cymbiformis DC. var. β *pubescens* DC. = **A. cymbiformis**

cytisoides Lam.
A. cinerea Thunb. (1)
A. concavifolia (Eckl. & Zeyh.) R.Dahlgren (1)
A. cytisoides Lam. β *decumbens* Benth. (1)
Cliffortia concavifolia Eckl. & Zeyh. (1)
Paraspalathus cinerea (Thunb.) C.Presl (1)
Paraspalathus cytisoides (Lam.) C.Presl (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 609–1500 m. WC

cytisoides Lam. β *decumbens* Benth. = **A. cytisoides**

dasyantha Eckl. & Zeyh.
Perennial. Shrub. Ht 0.03–1 m. Alt 91–305 m. WC

deciduifolia Eckl. & Zeyh. = **A. nigra**

decora R.Dahlgren
Perennial. Shrub. Ht 1.5–3 m. Alt 950–1350 m. WC

densifolia Benth.
Perennial. Shrub. Ht 1–1.5 m. Alt ?–200 m. WC

desertorum Bolus
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt ?–305 m. WC

dianthopora E.Phillips
Perennial. Shrub. Ht 0.6–2 m. Alt 460–1100 m. WC

diffusa Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt 487–500 m. WC

digitifolia R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–1.2 m. Alt 488–915 m. WC

divaricata Thunb. β *microphylla* (DC.) Harv. = **A. microphylla**

divaricata Thunb. subsp. *brevicarpa* R.Dahlgren = **A. brevicarpa**

divaricata Thunb. subsp. **divaricata**
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 30–1770 m. NW, WC

divaricata Thunb. subsp. **gracilior** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt 518–600 m. WC

divaricata Thunb. subsp. *horizontalis* R.Dahlgren = **A. horizontalis**

divaricata Thunb. subsp. *leptocoma* (Eckl. & Zeyh.) R.Dahlgren = **A. leptocoma**

divergens Willd. ex E.Mey. = **A. microphylla**

divergens Willd. ex E.Mey. α *microphylla* (DC.) E.Mey. = **A. microphylla**

dregeana Walp. = **A. incurva**

dubia E.Mey. = **A. ciliaris**

dunsdoniana Alston ex R.Dahlgren
Perennial. Shrub. Ht 1–2 m. Alt 70–495 m. WC

echinata E.Mey. = **A. setacea**

elliptica (E.Phillips) R.Dahlgren
Borbonia elliptica E.Phillips (11)
Borbonia latifolia Benth. (11)
Perennial. Shrub. Ht 0.8–2 m. Alt 610–1160 m. WC

elongata Eckl. & Zeyh. = **A. quinquefolia** subsp. **virgata**

elongata E.Mey. α *virgata* Benth. = **A. linguiloba**

empetrifolia (R.Dahlgren) R.Dahlgren
A. retroflexa L. subsp. *empetrifolia* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt? WC

ericifolia L. subsp. **ericifolia**
Paraspalathus ericifolia (L.) C.Presl (6)
Perennial. Shrub. Ht 0.2–1 m. Alt 25–765 m. WC

ericifolia L. subsp. **minuta** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ?–460 m. WC

ericifolia L. subsp. *puberula* (Eckl. & Zeyh.) R.Dahlgren = **A. puberula**

ericifolia L. subsp. **pusilla** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt ?–150 m. WC

erythrodes Eckl. & Zeyh.
Achyronia erythrodes (Eckl. & Zeyh.) Kuntze (7)
Paraspalathus erythrodes (Eckl. & Zeyh.) C.Presl (7)
Perennial. Shrub. Ht? Alt? WC

esterhuyseniae R.Dahlgren
A. pumila R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt 915–1675 m. WC

excelsa R.Dahlgren
Perennial. Shrub. Ht 1.3–3 m. Alt ?–50 m. WC

exilis Harv. = **A. albens**

falcata Benth. = **A. lanata**

fasciculata (Thunb.) R.Dahlgren
A. involucrata E.Mey. (1)
A. undulata Eckl. & Zeyh. (1)
Heterolathus involucrata (E.Mey.) C.Presl (1)
Ononis fasciculata Thunb. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 610–915 m. WC

ferox Harv.
Achyronia ferox (Harv.) Kuntze (7)
Perennial. Shrub, dwarf shrub. Ht? Alt? WC

ferruginea H.P.Banks ex Benth. = **A. ternata**

filicaulis Eckl. & Zeyh.
A. angustissima E.Mey. (6)
A. filicaulis Eckl. & Zeyh. β *subumbellata* Harv. (6)
Paraspalathus filicaulis (Eckl. & Zeyh.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 303–610 m. WC

filicaulis Eckl. & Zeyh. β *subumbellata* Harv. = **A. filicaulis**

filifolia E.Mey. = **A. abietina**

flavispina C.Presl = **A. spinosa** subsp. **flavispina**

flexuosa Thunb.
A. kannaensis Eckl. & Zeyh., as '*carmaensis*' (6)
A. mollis Lam. β *flexuosa* (Thunb.) E.Mey. (6)
Perennial. Dwarf shrub. Ht 0.15–1.5 m. Alt 76–305 m. WC

floribunda Benth. = **A. subulata**

florifera R.Dahlgren
A. glomerata Benth. (6)
Perennial. Shrub. Ht 0.8–2 m. Alt 91–457 m. WC

florulenta R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ?–730 m. WC

forbesii Harv.
A. priorii Harv., as '*priori*' (2)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 46–60 m. WC

fornicata Benth. = **A. abietina**

fourcadei L.Bolus
Perennial. Shrub. Ht 1–2 m. Alt ?–350 m. EC

frankenioides DC.
A. albanensis Eckl. & Zeyh. (10)
A. frankenioides DC. var. γ *albanensis* (Eckl. & Zeyh.) Harv. (10)
A. tomentosa E.Mey. (10)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 460–1341 m. WC, EC

frankenioides DC. var. α *alpina* Harv. = **A. intermedia**

frankenioides DC. var. α *chortophila* (Eckl. & Zeyh.) Harv. = **A. chortophila**

frankenioides DC. var. α *poliotes* (Eckl. & Zeyh.) Harv. = **A. intermedia**

frankenioides DC. var. β *intermedia* (Eckl. & Zeyh.) Harv. = **A. intermedia**

frankenioides DC. var. γ *albanensis* (Eckl. & Zeyh.) Harv. = **A. frankenioides**

fusca Thunb.
A. callosa L. var. α *fusca* (Thunb.) Harv. (7)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.5 m. Alt 50–500 m. WC

galeata E.Mey.
Paraspalathus galeata (E.Mey.) C.Presl (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 380–1140 m. WC

galioides P.J.Bergius = **A. retroflexa** subsp. **retroflexa**

genistoides L. = **A. corrudifolia**

gerrardii Bolus
Perennial. Shrub. Ht 0.4–2 m. Alt 15–500 m. KZN, EC

gillii Benth. = **A. setacea**

glabrata R.Dahlgren
Perennial. Shrub. Ht 0.3–1 m. Alt 152–183 m. WC

glabrescens R.Dahlgren
Perennial. Shrub. Ht 0.8–1.8 m. Alt 549–600 m. WC

glauca Eckl. & Zeyh. = **A. spinosa** subsp. **glauca**

globosa Andrews
A. pileata L.Bolus (2)

Paraspalathus globosa (Andrews) C.Presl (2)
Perennial. Shrub. Ht 1.5–2.5 m. Alt 747–762 m. WC

globulosa E.Mey.
A. nigra L. β *involucrata* Pappe ex Harv. (2)
Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 152–350 m. WC

glomerata Benth. = **A. florifera**

glomerata L.f. = **A. capitata**

glossoides R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC

gracilifolia R.Dahlgren = **A. juniperina** subsp. **gracilifolia**

gracilis Garab. ex Fourc. = **A. rubens**

grandiflora Benth.
Perennial. Shrub. Ht 0.4–1.3 m. Alt 80–1300 m. WC

granulata R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 396–1065 m. WC

grobleri R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 100–120 m. WC

heterophylla L.f.
A. stachyera Eckl. & Zeyh. (1)
Paraspalathus heterophylla ('Thunb.') C.Presl (1)
Perennial. Dwarf shrub. Ht 0.08–0.3 m. Alt 115–840 m. WC

heterophylla L.f. subsp. *lagopus* (Thunb.) R.Dahlgren = **A. lotoides** subsp. **lagopus**

heterophylla L.f. subsp. *lotoides* (Thunb.) R.Dahlgren = **A. lotoides** subsp. **lotoides**

hiatuum Eckl. & Zeyh. = **A. intermedia**

hirta E.Mey. subsp. **hirta**
Perennial. Shrub. Ht 0.6–2.5 m. Alt 50–1080 m. NC, WC

hirta E.Mey. subsp. **stellaris** R.Dahlgren
Perennial. Shrub. Ht 0.9–1.5 m. Alt? WC

hispida Thunb. subsp. **albiflora** (Eckl. & Zeyh.) R.Dahlgren
A. albiflora Eckl. & Zeyh. (6)
A. thymifolia L. α *albiflora* (Eckl. & Zeyh.) Benth. (6)
Perennial. Shrub. Ht 0.1–1 m. Alt 60–1065 m. WC, EC

hispida Thunb. subsp. **hispida**
A. micrantha E.Mey. (6)
A. microcarpa DC. (6)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.8 m. Alt 3–1500 m. NC, WC, EC

horizontalis (R.Dahlgren) R.Dahlgren
A. divaricata Thunb. subsp. *horizontalis* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt ?–517 m. WC

horrida Eckl. & Zeyh. = **A. spinosa** subsp. **spinosa**

humilis Bolus
Perennial. Dwarf shrub. Ht? Alt 1000–1220 m. WC

hypnoides R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt ?–420 m. WC

hystrix L.f.
Perennial. Shrub. Ht 0.5–3 m. Alt 82–1465 m. WC

incana R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–1250 m. WC

incompta Thunb.
Perennial. Dwarf shrub. Ht 0.91–2.7 m. Alt 60–305 m. WC

incurva Thunb.
A. dregeana Walp. (4)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 304–549 m. WC

incurvifolia Vogel ex Walp.
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 15–1115 m. WC

inervis (E.Mey.) Benth. = **A. acuminata** subsp. **acuminata**

inops Eckl. & Zeyh.
A. capitella Burch. ex Benth. (13)
A. stenophylla Eckl. & Zeyh. subsp. *garciana* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 450–1204 m. WC

intermedia Eckl. & Zeyh.
A. frankenioides DC. var. α *alpina* Harv. (6)
A. frankenioides DC. var. α *poliotes* (Eckl. & Zeyh.) Harv. (6)
A. frankenioides DC. var. β *intermedia* (Eckl. & Zeyh.) Harv. (6)
A. hiatuum Eckl. & Zeyh. (6)
A. leptothria Eckl. & Zeyh. (6)
A. poliotes Eckl. & Zeyh. (6)
Paraspalathus intermedia (Eckl. & Zeyh.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.35–0.6 m. Alt 120–610 m. WC

intervallaris Bolus
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt 61–975 m. WC

intricata Compton subsp. **anthospermoides** (R.Dahlgren) R.Dahlgren
A. wittebergensis Compton & P.E.Barnes subsp. *anthospermoides* R.Dahlgren (10)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt? WC

intricata Compton subsp. **intricata**
A. wittebergensis Compton & P.E.Barnes subsp. *intricata* (Compton) R.Dahlgren (10)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 960–1524 m. FS, WC

intricata Compton subsp. **oxyclada** (Compton) R.Dahlgren
A. oxyclada Compton (10)
A. wittebergensis Compton & P.E.Barnes subsp. *oxyclada* (Compton) R.Dahlgren (9)
Perennial. Dwarf shrub. Ht? Alt ?–1150 m. WC

involucrata E.Mey. = **A. fasciculata**

isolata (R.Dahlgren) R.Dahlgren
A. varians Eckl. & Zeyh. subsp. *isolata* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt? WC

jacobaea E.Mey. = **A. quinquefolia** subsp. **quinquefolia**

joubertiana Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 152–1525 m. WC

joubertiana Eckl. & Zeyh. subsp. *glabripetala* R.Dahlgren = **A. shawii** subsp. **glabripetala**

joubertiana Eckl. & Zeyh. subsp. *longispica* R.Dahlgren = **A. shawii** subsp. **longispica**

joubertiana Eckl. & Zeyh. subsp. *shawii* (L.Bolus) R.Dahlgren = **A. shawii** subsp. **shawii**

juniperina Thunb. subsp. **gracilifolia** (R.Dahlgren) R.Dahlgren
A. gracilifolia R.Dahlgren (13)
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–1000 m. WC

juniperina Thunb. subsp. **grandis** R.Dahlgren
Perennial. Shrub. Ht ?–0.8 m. Alt 50–160 m. WC

juniperina Thunb. subsp. **juniperina**
Perennial. Dwarf shrub. Ht 0.9–1.5 m. Alt 30–1371 m. WC

juniperina Thunb. subsp. **monticola** R.Dahlgren
Perennial. Dwarf shrub. Ht 02–0.6 m. Alt 1000–2000 m. WC

kannaensis Eckl. & Zeyh., as '*carmaensis*' = **A. flexuosa**

karrooensis R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–1220 m. WC

katbergensis (R.Dahlgren) R.Dahlgren
A. simii Bolus subsp. *katbergensis* R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1 m. Alt 52–1600 m. WC, EC

keeromsbergensis R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

kougaensis (Garab. ex R.Dahlgren) R.Dahlgren
A. chortophila Eckl. & Zeyh. subsp. *kougaensis* R.Dahlgren (13)
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 150–1420 m. WC, EC

kraussiana Meisn. = **A. aspalathoides**

lactea Thunb. *β meyeri* Harv. = **A. obliqua**

lactea Thunb. *γ zeyheri* Harv. = **A. zeyheri**

lactea Thunb. subsp. *adelphea* (Eckl. & Zeyh.) R.Dahlgren = **A. subtingens**

lactea Thunb. subsp. **breviloba** R.Dahlgren
Perennial. Shrub. Ht 0.3–0.6 m. Alt ?–245 m. WC

lactea Thunb. subsp. **lactea**
Perennial. Shrub. Ht 0.3–2 m. Alt 2–915 m. WC

laeta Bolus
A. rubrocalyx Garab. ex Compton (7)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt ?–1370 m. WC, EC

lamarckiana R.Dahlgren
Perennial. Shrub. Ht 1.5–2 m. Alt? WC

lanata E.Mey.
A. falcata Benth. (1)
Psilolepus lanatus (E.Mey.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.3–5 m. Alt 426–640 m. WC

lanceicarpa R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–450 m. EC

lanceifolia R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–6.1 m. Alt 15–460 m. WC

lanceolata Benth. = **Lotononis lanceolata**

lanifera R.Dahlgren
Borbonia villosa Harv. (11)
Perennial. Dwarf shrub. Ht? Alt 1005–1370 m. WC

laricifolia Lam. = **A. uniflora**

laricifolia P.J.Bergius subsp. **canescens** (L.) R.Dahlgren
A. canescens L. (6)
A. canescens L. *α elongata* E.Mey. (6)
A. neanthes Eckl. & Zeyh. (6)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 100–610 m. WC, EC

laricifolia P.J.Bergius subsp. **laricifolia**
A. laricina DC. (6)
Perennial. Dwarf shrub. Ht 0.15–1.21 m. Alt 12–1200 m. KZN, WC, EC

laricina DC. = **A. laricifolia** subsp. **laricifolia**

latifolia Bolus
Perennial. Shrub. Ht 0.3–1 m. Alt 75–1219 m. WC

lebeckioides R.Dahlgren
A. linearis (Burm.f.) R.Dahlgren subsp. *latipetala* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt 115–680 m. WC

leiantha (E.Phillips) R.Dahlgren = **A. crenata**

leipoldtii Schltr. = **A. spinescens** subsp. **lepida**

lenticula Bolus
Perennial. Dwarf shrub. Ht? Alt? WC

lepida E.Mey. = **A. spinescens** subsp. **lepida**

leptocoma Eckl. & Zeyh.
A. divaricata Thunb. subsp. *leptocoma* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 50–765 m. WC

leptophylla Eckl. & Zeyh. = **A. uniflora**

leptoptera Bolus
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–1370 m. WC

leptothria Eckl. & Zeyh. = **A. intermedia**

leucocephala E.Mey. = **A. quinquefolia** subsp. **virgata**

leucophaea Harv. = **A. ciliaris**

leucophylla R.Dahlgren
Perennial. Shrub. Ht 0.5–1.5 m. Alt 701–1065 m. WC

leucophylla R.Dahlgren subsp. *septentrionalis* R.Dahlgren = **A. petersonii**

linearifolia (Burm.f.) DC.
A. linearifolia DC. *β discreta* Drège (13)
A. rugosa Thunb. subsp. *linearifolia* (Burm.f.) R.Dahlgren (13)
Trineuria linearifolia (DC.) C.Presl (13)
Perennial. Shrub. Ht 0.9–2 m. Alt 155–305 m. WC

linearifolia DC. *β discreta* Drège = **A. linearifolia**

linearis (Burm.f.) R.Dahlgren
A. cognata C.Presl (13)
A. corymbosa E.Mey. (13)
A. linearis (Burm.f.) R.Dahlgren subsp. *pinifolia* (Marloth) R.Dahlgren (13)
A. tenuifolia DC. (13)
Borbonia pinifolia Marloth (13)
Lebeckia linearis (Burm.f.) DC. (13)
Psoralea linearis Burm.f. (13)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.4 m. Alt 15–1220 m. WC

linearis (Burm.f.) R.Dahlgren subsp. *latipetala* R.Dahlgren = **A. lebeckioides**

linearis (Burm.f.) R.Dahlgren subsp. *pinifolia* (Marloth) R.Dahlgren = **A. linearis**

linguiloba R.Dahlgren
A. elongata E.Mey. *α virgata* Benth. (4)
A. macrosepala Steud., as '*macrosepalus*' (4)
Perennial. Dwarf shrub. Ht 0.25–0.8 m. Alt 30–800 m. WC

longifolia Benth.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 150–1464 m. WC

longipes Harv.
Achyronia longipes (Harv.) Kuntze (10)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 60–100 m. WC

lotiflora R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? Distr.?

lotoides Thunb. subsp. **lagopus** (Thunb.) R.Dahlgren
A. heterophylla L.f. subsp. *lagopus* (Thunb.) R.Dahlgren (13)
Ononis lagopus Thunb. (13)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt ?–61 m. WC

lotoides Thunb. subsp. **lotoides**
A. heterophylla L.f. subsp. *lotoides* (Thunb.) R.Dahlgren (13)
A. procumbens E.Mey. (13)
Paraspalathus humifusa C.Presl (13)

Paraspalathus lotoides (Thunb.) C.Presl (13)
Paraspalathus procumbens (E.Mey.) C.Presl (13)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt 30–60 m. WC

macrantha Harv.
Perennial. Tree, shrub. Ht 2–4 m. Alt 183–320 m. WC

macrocarpa Eckl. & Zeyh.
Perennial. Shrub. Ht ?–2 m. Alt 400–540 m. WC

macrosepala Steud., as '*macrosepalus*' = **A. linguiloba**

marginalis Eckl. & Zeyh.
Achyronia marginalis (Eckl. & Zeyh.) Kuntze (10)
Trineuria marginalis (Eckl. & Zeyh.) C.Presl (10)
Perennial. Shrub. Ht 0.15–0.9 m. Alt 85–610 m. EC

marginata Harv.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 55–1065 m. WC

melanoides Eckl. & Zeyh. = **A. nigra**

meyeri Harv. = **A. quinquefolia** subsp. **virgata**

meyeriana Eckl. & Zeyh. = **A. ciliaris**

micrantha E.Mey. = **A. hispida** subsp. **hispida**

microcarpa DC. = **A. hispida** subsp. **hispida**

microdon Benth. = **A. steudeliana**

microdon Benth. *β granulifera* Benth. = **A. steudeliana**

microphylla DC.
A. divaricata Thunb. *β microphylla* (DC.) Harv. (10)
A. divergens Willd. ex E.Mey. (10)
A. divergens Willd. ex E.Mey. *α microphylla* (DC.) E.Mey. (10)
Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt 30–765 m. WC

millefolia R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 75–765 m. WC

mollis Lam. *β flexuosa* (Thunb.) E.Mey. = **A. flexuosa**

monosperma (DC.) R.Dahlgren
Borbonia monosperma DC. (11)
Perennial. Shrub, dwarf shrub. Ht 1.2–1.8 m. Alt 600–853 m. WC

mucronata L.f. = **Wiborgia mucronata**

multiflora Thunb. = **A. vermiculata**

mundiana Eckl. & Zeyh.
A. ciliatistyla L.Bolus (7)
Perennial. Shrub. Ht 0.1–1 m. Alt 106–381 m. WC

munita Bolus = **A. batodes** subsp. **batodes**

muraltioides Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 91–1600 m. WC

myrtillifolia Benth.
Perennial. Shrub. Ht ?–0.3 m. Alt? Distr.?

neanthes Eckl. & Zeyh. = **A. laricifolia** subsp. **canescens**

neglecta Salter
A. spicata Thunb. subsp. *neglecta* (Salter) R.Dahlgren (13)
Perennial. Shrub. Ht 0.3–2 m. Alt 240–762 m. WC

nervosa E.Mey. = **A. spicata**

niger L. = **A. nigra**

nigra L.
A. deciduifolia Eckl. & Zeyh. (2)
A. melanoides Eckl. & Zeyh. (2)
A. niger L. (2)
A. nigra L. *β squamulosa* E.Mey. (2)
A. nigrescens E.Mey. (2)
A. pallens Eckl. & Zeyh. (2)
Paraspalathus melanoides (Eckl. & Zeyh.) C.Presl (2)
Paraspalathus nigra (L.) C.Presl (2)
Paraspalathus nigrescens (E.Mey.) C.Presl (2)
Trineuria deciduifolia (Eckl. & Zeyh.) C.Presl (2)
Trineuria fuscescens C.Presl (2)
Perennial. Dwarf shrub. Ht 0.1–1.2 m. Alt 15–1200 m. NC, WC

nigra L. *β involucrata* Pappe ex Harv. = **A. globulosa**

nigra L. *β squamulosa* E.Mey. = **A. nigra**

nigrescens E.Mey. = **A. nigra**

nivalis Schltr. ex Marloth = **A. pedicellata**

nivea Thunb.
Perennial. Shrub. Ht 0.9–2.5 m. Alt 15–396 m. WC, EC

nudiflora Harv.
A. alternifolia Harv. (11)
Perennial. Dwarf shrub. Ht? Alt 274–1525 m. WC

obliqua R.Dahlgren
A. lactea Thunb. *β meyeri* Harv. (7)
Perennial. Shrub, dwarf shrub. Ht? Alt 762–915 m. WC

oblongifolia R.Dahlgren
Perennial. Shrub. Ht 0.7–2 m. Alt 40–122 m. WC

obtusata Thunb.
A. spinosa L. subsp. *obtusata* (Thunb.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.3–0.4 m. Alt 152–215 m. WC

obtusifolia R.Dahlgren
Perennial. Shrub. Ht 0.5–1.2 m. Alt ?–122 m. WC

odontoloba R.Dahlgren
Perennial. Shrub. Ht 0.4–0.6 m. Alt 10–915 m. WC

oliveri R.Dahlgren
Perennial. Shrub. Ht ?–0.75 m. Alt? NC

opaca Eckl. & Zeyh. subsp. **opaca**
Achyronia opaca (Eckl. & Zeyh.) Kuntze (4)
A. schlechteri Bolus (4)
Perennial. Dwarf shrub. Ht 0.1–1.5 m. Alt 120–975 m. WC

opaca Eckl. & Zeyh. subsp. **pappeana** (Harv.) R.Dahlgren
Achyronia pappeana (Harv.) Kuntze (4)
A. pappeana Harv. (4)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 120–184 m. WC

opaca Eckl. & Zeyh. subsp. **rostriloba** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 120–245 m. WC

orbiculata Benth.
Perennial. Shrub. Ht 0.5–1 m. Alt ?–1250 m. WC

oresigena Eckl. & Zeyh. = **A. ciliaris**

oxyclada Compton = **A. intricata** subsp. **oxyclada**

pachyloba Benth. subsp. **macroclada** R.Dahlgren
Perennial. Shrub. Ht 0.6–2 m. Alt 365–1220 m. WC

pachyloba Benth. subsp. **pachyloba**
Achyronia pachyloba (Benth.) Kuntze (7)
Perennial. Shrub. Ht 0.7–2 m. Alt 290–1500 m. WC

pachyloba Benth. subsp. **rugulicarpa** R.Dahlgren
Perennial. Shrub. Ht 0.5–0.8 m. Alt 650–750 m. WC

pachyloba Benth. subsp. *succulentifolia* R.Dahlgren = **A. pachyloba** subsp. **villicaulis**

pachyloba Benth. subsp. **villicaulis** R.Dahlgren
A. pachyloba Benth. subsp. *succulentifolia* R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 900–1675 m. WC

pallens Eckl. & Zeyh. = **A. nigra**

pallescens Eckl. & Zeyh.
Achyronia pallescens (Eckl. & Zeyh.) Kuntze (4)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 45–100 m. WC

pallidiflora R.Dahlgren
Perennial. Shrub. Ht 0.4–0.6 m. Alt 1708–2100 m. WC

papillosa Eckl. & Zeyh. = **A. ciliaris**

pappeana Harv. = **A. opaca** subsp. **pappeana**

parviflora P.J.Bergius
A. comosa Thunb. (6)
Trineuria comosa (Thunb.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 61–500 m. WC

patens Garab. ex R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 1800–1830 m. WC

pedicellata Harv.
A. nivalis Schltr. ex Marloth (10)
Perennial. Dwarf shrub. Ht? Alt 1372–2135 m. WC

pedunculata Houtt.
A. argyraea DC. (10)
Perennial. Shrub. Ht 1–2 m. Alt 490–700 m. WC

pedunculata L'Hér. = **A. bracteata**

pendula R.Dahlgren
Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 230–610 m. WC

perfoliata (Lam.) R.Dahlgren subsp. **perfoliata**
Borbonia perfoliata Lam. (11)
Perennial. Shrub. Ht 0.2–1.8 m. Alt 305–1980 m. WC

perfoliata (Lam.) R.Dahlgren subsp. **phillipsii** R.Dahlgren
Borbonia multiflora (Harv.) E.Phillips (11)
Borbonia undulata Thunb. var. *multiflora* Harv. (11)
Perennial. Shrub. Ht 0.5–2 m. Alt 460–765 m. WC

perforata (Thunb.) R.Dahlgren
Borbonia candolleana Eckl. & Zeyh. (11)
Borbonia ciliata Willd. (11)
Borbonia perforata Eckl. & Zeyh. (11)
Borbonia perforata Thunb. (11)
Borbonia perforata Thunb. var. *breviflora* Walp. (11)
Borbonia perforata Thunb. var. *pauciflora* Harv. (11)
Borbonia perforata Thunb. var. *pluriflora* Harv. (11)
Perennial. Dwarf shrub. Ht? Alt 250–1085 m. WC

petersonii R.Dahlgren
A. leucophylla R.Dahlgren subsp. *septentrionalis* R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1.3 m. Alt 200–1090 m. NC, WC

pigmentosa R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–305 m. WC

pilantha R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

pileata L.Bolus = **A. globosa**

pilosa L. = **A. tridentata** subsp. **tridentata**

pinea Thunb. subsp. **caudata** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 400–914 m. WC

pinea Thunb. subsp. **pinea**
Plagiostigma pinea (Thunb.) C.Presl (6)
Perennial. Shrub. Ht 0.6–2 m. Alt? WC

pinguis Thunb. subsp. **australis** R.Dahlgren
Perennial. Shrub. Ht 0.1–1 m. Alt 12–150 m. WC

pinguis Thunb. subsp. **longissima** R.Dahlgren
Perennial. Shrub. Ht 1.4–1.8 m. Alt 10–275 m. WC

pinguis Thunb. subsp. **occidentalis** R.Dahlgren
Perennial. Shrub. Ht 0.4–1.5 m. Alt ?–20 m. WC

pinguis Thunb. subsp. **pinguis**
A. affinis Thunb. (7)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 90–975 m. WC

plukenetiana Eckl. & Zeyh. = **A. rugosa**

poliotes Eckl. & Zeyh. = **A. intermedia**

polycephala E.Mey. subsp. **lanatifolia** R.Dahlgren
A. polycephala E.Mey. var. *pauciflora* E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.6–1.6 m. Alt 1000–1525 m. WC

polycephala E.Mey. subsp. **polycephala**
Heterolathus polycephala (E.Mey.) C.Presl (1)
Perennial. Shrub, dwarf shrub. Ht 0.7–2 m. Alt 960–1450 m. WC

polycephala E.Mey. subsp. **rigida** (Schltr.) R.Dahlgren
A. rigida Schltr. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 700–915 m. WC

polycephala E.Mey. var. *pauciflora* E.Mey. = **A. polycephala** subsp. **lanatifolia**

potbergensis R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 420–518 m. WC

priorii Harv., as '*priori*' = **A. forbesii**

proboscidea R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? WC

procumbens E.Mey. = **A. lotoides** subsp. **lotoides**

propinqua E.Mey. = **A. triquetra**

prostrata Eckl. & Zeyh.
Achyronia prostrata (Eckl. & Zeyh.) Kuntze (4)
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt? WC

psoraleoides (C.Presl) Benth.
Paraspalathus psoraloides C.Presl (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

puberula (Eckl. & Zeyh.) R.Dahlgren
A. ericifolia L. subsp. *puberula* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Shrub. Ht? Alt ?–122 m. WC

pulicifolia R.Dahlgren
Perennial. Shrub. Ht 0.2–0.5 m. Alt? NC

pumila R.Dahlgren = **A. esterhuyseniae**

pungens Thunb. = **A. acuminata** subsp. **pungens**

purpurascens E.Mey. = **A. ternata**

purpurea Eckl. & Zeyh. = **A. ternata**

pycnantha R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 10–20 m. WC

quadrata L.Bolus
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 24–200 m. WC

quinquefolia L. subsp. *acocksii* R.Dahlgren = **A. acocksii**

quinquefolia L. subsp. **compacta** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 244–258 m. WC

quinquefolia L. subsp. **hispida** (Thunb.) R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 47–488 m. WC

quinquefolia L. subsp. **quinquefolia**
A. jacobaea E.Mey. (1)
Paraspalathus jacobaea (E.Mey.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 60–610 m. WC

quinquefolia L. subsp. **virgata** (Thunb.) R.Dahlgren
A. elongata Eckl. & Zeyh. (1)
A. leucocephala E.Mey. (1)
A. meyeri Harv. (1)
A. strictus Steud. (1)
A. virgata Thunb. (1)
Paraspalathus ascendens (E.Mey.) C.Presl (1)
Paraspalathus elongata (Eckl. & Zeyh.) C.Presl (1)
Paraspalathus virgata (Thunb.) C.Presl (1)
Perennial. Shrub. Ht 0.2–1.5 m. Alt 10–950 m. NC, WC

radiata Garab. ex R.Dahlgren subsp. **pseudosericea** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 610–1066 m. WC

radiata Garab. ex R.Dahlgren subsp. **radiata**
Perennial. Dwarf shrub. Ht ?–0.5 m. Alt 550–1675 m. WC

ramosissima R.Dahlgren
Perennial. Shrub. Ht 0.3–2 m. Alt 1300–1350 m. WC

ramulosa E.Mey.
A. aerula E.Mey. β *ramulosa* (E.Mey.) Harv. (1)
Perennial. Shrub. Ht 0.5–0.7 m. Alt 60–610 m. WC

rectistyla R.Dahlgren
Perennial. Shrub. Ht 0.2–0.6 m. Alt? WC

recurva Benth.
Achyronia recurva (Benth.) Kuntze (7)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 275–520 m. WC

recurvispina R.Dahlgren
Perennial. Shrub. Ht? Alt? EC

remota Eckl. & Zeyh. = **A. spicata**

remota L.Bolus = **A. calcarea**

repens R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ± 90 m. WC

retroflexa L. β *bicolor* (Eckl. & Zeyh.) Harv. = **A. retroflexa** subsp. **bicolor**

retroflexa L. γ *parviflora* Harv. = **A. crassisepala**

retroflexa L. subsp. *amoena* R.Dahlgren = **A. amoena**

retroflexa L. subsp. **angustipetala** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.6–4 m. Alt ?–830 m. WC

retroflexa L. subsp. **bicolor** (Eckl. & Zeyh.) R.Dahlgren
A. bicolor Eckl. & Zeyh. (10)
A. retroflexa L. β *bicolor* (Eckl. & Zeyh.) Harv. (10)
Perennial. Dwarf shrub. Ht 0.05–1.5 m. Alt ?–170 m. WC

retroflexa L. subsp. *empetrifolia* R.Dahlgren = **A. empetrifolia**

retroflexa L. subsp. **retroflexa**
A. galioides P.J.Bergius (10)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–1158 m. WC

rigescens E.Mey. = **A. setacea**

rigescens E.Mey. β *echinata* (E.Mey.) Harv. = **A. setacea**

rigida Schltr. = **A. polycephala** subsp. **rigida**

rigidifolia R.Dahlgren
Perennial. Shrub. Ht 0.15–1 m. Alt ?–1900 m. WC

robusta Bolus = **A. ciliaris**

rosea Garab. ex R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt? WC

rostrata Benth.
Perennial. Shrub. Ht 1–1.5 m. Alt ?–830 m. WC

rostripetala R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

rubens Thunb.
Achyronia rubens (Thunb.) Kuntze (10)
A. gracilis Garab. ex Fourc. (10)
Perennial. Dwarf shrub. Ht 0.25–0.8 m. Alt 4–1875 m. WC, EC

rubiginosa R.Dahlgren
A. araneosa L. β *rigidor* E.Mey. (4)
Perennial. Shrub. Ht 0.3–1 m. Alt 975–1370 m. WC, EC

rubro-fusca Eckl. & Zeyh. = **A. asparagoides** subsp. **rubro-fusca**

rubrocalyx Garab. ex Compton = **A. laeta**

rugosa Thunb.
A. plukenetiana Eckl. & Zeyh. (1)
Paraspalathus plukenetiana (Eckl. & Zeyh.) C.Presl (1)
Perennial. Shrub. Ht 1–3 m. Alt 440–915 m. WC, EC

rugosa Thunb. subsp. *linearifolia* (Burm.f.) R.Dahlgren = **A. linearifolia**

rupestris R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 990–1830 m. WC

rycroftii R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt? WC

salicifolia R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 1067–1220 m. WC

salteri L.Bolus
Perennial. Dwarf shrub. Ht 0.15–0.8 m. Alt 15–215 m. WC

sanguinea Thunb. subsp. **foliosa** R.Dahlgren
Perennial. Shrub. Ht 0.4–1 m. Alt 25–155 m. WC

sanguinea Thunb. subsp. **sanguinea**
Achyronia sanguinea (Thunb.) Kuntze (7)
Perennial. Shrub. Ht 0.2–1 m. Alt 8–305 m. WC

sarcodes Vogel ex Benth. = **A. capensis**

scaphoides Eckl. & Zeyh. = **A. cymbiformis**

sceptrum-aureum R.Dahlgren
Perennial. Shrub. Ht 1.2–2.5 m. Alt 800–1405 m. WC

schlechteri Bolus = **A. opaca** subsp. **opaca**

secunda E.Mey.
Perennial. Shrub. Ht? Alt ?–250 m. WC

securifolia Eckl. & Zeyh.
A. securifolia Eckl. & Zeyh. subsp. *crassa* R.Dahlgren (13)
Perennial. Shrub. Ht 0.2–1.2 m. Alt 430–1400 m. WC

securifolia Eckl. & Zeyh. subsp. *crassa* R.Dahlgren = **A. securifolia**

sericea Lam. = **A. candicans**

sericea P.J.Bergius
Paraspalathus sericea (P.J.Bergius) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 15–1005 m. WC

sericea P.J.Bergius subsp. *aemula* (E.Mey.) R.Dahlgren = **A. aemula**

serpens R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 60–765 m. WC

setacea Eckl. & Zeyh.
A. alopecuroides E.Mey. (6)
A. corrudifolia P.J.Bergius β *pubescens* Eckl. & Zeyh. (6)
A. echinata E.Mey. (6)
A. gillii Benth. (6)
A. rigescens E.Mey. (6)
A. rigescens E.Mey. β *echinata* (E.Mey.) Harv. (6)
Trineuria rigescens (E.Mey.) C.Presl (6)
Perennial. Shrub. Ht 0.25–3.5 m. Alt 5–1705 m. KZN, WC, EC

shawii L.Bolus subsp. **glabripetala** (R.Dahlgren) R.Dahlgren
A. joubertiana Eckl. & Zeyh. subsp. *glabripetala* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–0.7 m. Alt? WC

shawii L.Bolus subsp. **longispica** (R.Dahlgren) R.Dahlgren
A. joubertiana Eckl. & Zeyh. subsp. *longispica* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–0.8 m. Alt 762–1000 m. WC

shawii L.Bolus subsp. **shawii**
A. joubertiana Eckl. & Zeyh. subsp. *shawii* (L.Bolus) R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 73–1370 m. NC, WC

simii Bolus
Perennial. Dwarf shrub. Ht 0.3–1.3 m. Alt 70–1410 m. KZN, EC

simii Bolus subsp. *katbergensis* R.Dahlgren = **A. katbergensis**

simsiana Eckl. & Zeyh. = **A. confusa**

singuliflora R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? WC

smithii R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 100–245 m. WC

spectabilis R.Dahlgren
Perennial. Shrub. Ht 0.6–2 m. Alt 244–425 m. WC

sphaerocephala Schltr. = **A. truncata**

spicata Thunb.
A. benthamii Harv. (4)
A. nervosa E.Mey. (4)
A. remota Eckl. & Zeyh. (4)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.5 m. Alt 30–1065 m. NC, WC

spicata Thunb. β *cephalotes* (Thunb.) Harv. = **A. cephalotes** subsp. **cephalotes**

spicata Thunb. subsp. *cliffortioides* (Bolus in Schltr.) R.Dahlgren = **A. cliffortioides**

spicata Thunb. subsp. *neglecta* (Salter) R.Dahlgren = **A. neglecta**

spiculata R.Dahlgren
Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt? WC

spinescens Thunb. subsp. **lepida** (E.Mey.) R.Dahlgren
A. leipoldtii Schltr. (7)
A. lepida E.Mey. (7)
Perennial. Shrub. Ht 0.35–2 m. Alt 30–1130 m. NC, WC

spinescens Thunb. subsp. **spinescens**
Achyronia spinescens (Thunb.) Kuntze (7)
Perennial. Shrub. Ht 0.6–1.5 m. Alt ?–200 m. WC

spinosa L. β *flavispina* C.Presl ex Benth. = **A. spinosa** subsp. **flavispina**

spinosa L. subsp. **flavispina** (C.Presl ex Benth.) R.Dahlgren
A. flavispina C.Presl (7)
A. spinosa L. β *flavispina* C.Presl ex Benth. (7)
Perennial. Shrub. Ht 0.1–2 m. Alt 45–945 m. WC

spinosa L. subsp. **glauca** (Eckl. & Zeyh.) R.Dahlgren
A. glauca Eckl. & Zeyh. (7)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 430–671 m. WC

spinosa L. subsp. *obtusata* (Thunb.) R.Dahlgren = **A. obtusata**

spinosa L. subsp. **spinosa**
A. horrida Eckl. & Zeyh. (7)
Perennial. Shrub. Ht 0.2–1.3 m. Alt 15–1950 m. KZN, NC, WC, EC

spinosissima R.Dahlgren subsp. **spinosissima**
Perennial. Shrub. Ht 0.3–1.8 m. Alt 762–1244 m. WC

spinosissima R.Dahlgren subsp. **tenuiflora** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 1250–1677 m. WC

squarrosa Thunb. = **A. bracteata**

stachyera Eckl. & Zeyh. = **A. heterophylla**

staurantha Eckl. & Zeyh. = **A. tridentata** subsp. **staurantha**

stellaris Eckl. & Zeyh. = **A. aspalathoides**

stenophylla Eckl. & Zeyh.
A. canaliculata E.Mey. (1)
A. stenophylla Eckl. & Zeyh. subsp. *colorata* R.Dahlgren (13)
Paraspalathus stenophylla (Eckl. & Zeyh.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.25–0.35 m. Alt 305–1280 m. WC

stenophylla Eckl. & Zeyh. subsp. *colorata* R.Dahlgren = **A. stenophylla**

stenophylla Eckl. & Zeyh. subsp. *garciana* R.Dahlgren = **A. inops**

steudeliana Brongn.
A. microdon Benth. (7)
A. microdon Benth. β *granulifera* Benth. (7)
Perennial. Shrub. Ht 0.2–1 m. Alt 10–914 m. WC

stokoei L.Bolus
Perennial. Shrub. Ht ?–3 m. Alt 366–450 m. WC

stricticlada (R.Dahlgren) R.Dahlgren
A. cuspidata R.Dahlgren subsp. *stricticlada* R.Dahlgren (13)
Perennial. Shrub. Ht 0.2–0.3 m. Alt? WC

strictus Steud. = **A. quinquefolia** subsp. **virgata**

suaveolens Eckl. & Zeyh.
Heterolathus suaveolens (Eckl. & Zeyh.) C.Presl (1)
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt 700–1677 m. WC

submissa R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 60–1105 m. WC

subtingens Eckl. & Zeyh.
A. adelphea Eckl. & Zeyh. (13)
A. lactea Thunb. subsp. *adelphea* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.3–2 m. Alt 5–1675 m. NC, WC, EC

subulata Thunb.
Achyronia subulata (Thunb.) Kuntze (7)
A. floribunda Benth. (7)

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 275–460 m. WC

suffruticosa DC. = **A. biflora** subsp. **biflora**

sulphurea R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC

taylorii R.Dahlgren
Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt 152–244 m. WC

tenuifolia DC. = **A. linearis**

tenuissima R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ± 795 m. WC

teres Eckl. & Zeyh. subsp. **teres**
Perennial. Tree, shrub. Ht 1–4.5 m. Alt 200–765 m. WC, EC

teres Eckl. & Zeyh. subsp. **thodei** R.Dahlgren
Perennial. Shrub. Ht ?–1.8 m. Alt ?–245 m. WC

ternata (Thunb.) Druce
A. ferruginea H.P.Banks ex Benth. (1)
A. purpurascens E.Mey. (1)
A. purpurea Eckl. & Zeyh. (1)
Galega ternata Thunb. (1)
Paraspalathus purpurascens (E.Mey.) C.Presl (1)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–490 m. WC

thymifolia L. = **A. cymbiformis**

thymifolia L. α *albiflora* (Eckl. & Zeyh.) Benth. = **A. hispida** subsp. **albiflora**

tomentosa E.Mey. = **A. frankenioides**

tridentata L. subsp. **fragilis** R.Dahlgren
Perennial. Shrub. Ht ?–0.2 m. Alt ?–780 m. NC, WC

tridentata L. subsp. **rotunda** R.Dahlgren
Perennial. Shrub. Ht 0.5–1.5 m. Alt 520–685 m. WC

tridentata L. subsp. **staurantha** (Eckl. & Zeyh.) R.Dahlgren
A. staurantha Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–620 m. NC, WC

tridentata L. subsp. **tridentata**
A. argentea L. β *glabriuscula* E.Mey. (1)
A. pilosa L. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 30–1130 m. NC, WC

triquetra Thunb.
A. propinqua E.Mey. (2)
Pachyraphea propinqua (E.Mey.) C.Presl (2)
Pachyraphea triquetra (Thunb.) C.Presl (2)
Pachyraphea zeyheriana C.Presl (2)
Perennial. Shrub, dwarf shrub. Ht 0.25–2 m. Alt 90–1830 m. WC

truncata Eckl. & Zeyh.
A. sphaerocephala Schltr. (13)
A. truncata Eckl. & Zeyh. subsp. *sphaerocephala* (Schltr.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1065 m. WC

truncata Eckl. & Zeyh. subsp. *sphaerocephala* (Schltr.) R.Dahlgren = **A. truncata**

tuberculata Walp.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–765 m. WC

tulbaghensis R.Dahlgren
A. acuminata Lam. subsp. *magniflora* R.Dahlgren (13)
Perennial. Shrub. Ht 0.6–1.2 m. Alt? WC

tylodes Eckl. & Zeyh.
A. callosa L. β *brevifolia* Benth. (7)
Paraspalathus fagonioides C.Presl (7)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 46–245 m. WC

ulicina Eckl. & Zeyh. subsp. **kardouwensis** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ?–680 m. WC

ulicina Eckl. & Zeyh. subsp. **ulicina**
Achyronia ulicina (Eckl. & Zeyh.) Kuntze (10)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 152–610 m. WC

undulata Eckl. & Zeyh. = **A. fasciculata**

uniflora L.
A. laricifolia Lam. (6)
A. leptophylla Eckl. & Zeyh. (6)
Perennial. Shrub. Ht 0.2–2.5 m. Alt 90–1770 m. WC, EC

uniflora L. subsp. *willdenowiana* (Benth.) R.Dahlgren = **A. willdenowiana**

vacciniifolia R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 915–1677 m. WC

varians Eckl. & Zeyh.
Perennial. Shrub. Ht 0.2–0.6 m. Alt 50–61 m. WC

varians Eckl. & Zeyh. subsp. *isolata* R.Dahlgren = **A. isolata**

variegata Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt ?–24 m. WC

venosa E.Mey.
Perennial. Shrub. Ht? Alt? WC

verbasciformis R.Dahlgren
Perennial. Shrub. Ht 1.2–2 m. Alt ?–800 m. WC

vermiculata Lam.
A. multiflora Thunb. (10)
Paraspalathus multiflora (Thunb.) C.Presl (10)
Perennial. Shrub. Ht 0.7–2 m. Alt ?–850 m. WC

versicolor E.Mey. = **A. collina** subsp. **collina**

villosa Thunb.
Paraspalathus villosa (Thunb.) C.Presl (1)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt 460–1690 m. WC

viminea N.E.Br. = **Lotononis viminea**

virgata Thunb. = **A. quinquefolia** subsp. **virgata**

vulnerans Thunb.
Achyronia vulnerans (Thunb.) Kuntze (10)
Perennial. Tree, shrub. Ht 1–3 m. Alt 185–800 m. NC, WC

vulpina Garab. ex R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC

willdenowiana Benth.
A. uniflora L. subsp. *willdenowiana* (Benth.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–4 m. Alt 91–914 m. WC

wittebergensis Compton & P.E.Barnes
Perennial. Shrub. Ht 0.2–0.5 m. Alt 870–1370 m. WC

wittebergensis Compton & P.E.Barnes subsp. *anthospermoides* R.Dahlgren = **A. intricata** subsp. **anthospermoides**

wittebergensis Compton & P.E.Barnes subsp. *intricata* (Compton) R.Dahlgren = **A. intricata** subsp. **intricata**

wittebergensis Compton & P.E.Barnes subsp. *oxyclada* (Compton) R.Dahlgren = **A. intricata** subsp. **oxyclada**

wurmbeana E.Mey.
Perennial. Shrub. Ht 0.2–1.5 m. Alt 60–335 m. WC

zeyheri (Harv.) R.Dahlgren
A. lactea Thunb. γ*zeyheri* Harv. (7)
Perennial. Shrub. Ht 0.2–2 m. Alt 65–370 m. WC

ASPALTHIUM Medik. 3703000

acaulis (Stev.) Hutch. = **Bituminaria acaulis**

bituminosum (L.) Fourr. = **Bituminaria bituminosa**

frutescens Medik. = **Bituminaria bituminosa**

herbaceum Medik. = **Bituminaria bituminosa**

ASTRAGALUS L. 3766000

Compiled by T. Nkonki

(1) Gillett. 1964. *Kew Bulletin* 17,3: 413–423.
(2) Gillett *et al.* 1971. *FTEA* Leguminosae. 4: 1054–1058.

atropilosulus (Hochst.) Bunge subsp. **burkeanus** (Harv.) J.B.Gillett var. **burkeanus**
A. burkeanus Harv. (2)
Lessertia stipulata Baker (1)
Perennial. Herb. Ht 0.5–0.9 m. Alt 915–1403 m. LIM, NW, G, M, KZN

***bisulcatus** (Hook.) A.Gray
Perennial. Herb. Ht? Alt? LIM

burkeanus Harv. = **A. atropilosulus** subsp. **burkeanus** var. **burkeanus**

BAIKIAEA Benth. 3507000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 35–37.
(2) Germishuizen. 1985. *The Flowering Plants of Africa* 48: t. 1912.

plurijuga Harms
Perennial. Tree. Ht 3–25 m. Alt 850–1150 m. N, B

BAPHIA Afzel. ex Lodd. 3612000

Compiled by H.F. Glen

(1) Brummitt. 1965. *Boletim da Sociedade Broteriana* 39: 157–188.
(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1857.
(3) Soladoye. 1985. *Kew Bulletin* 40: 291–336.

henriquesiana Taub. = **B. massaiensis** subsp. **obovata** var. **obovata**

massaiensis Taub. subsp. **obovata** (Schinz) Brummitt var. **obovata**
B. henriquesiana Taub. (1)
B. obovata Schinz (1)
Perennial. Tree, shrub. Ht 1–9 m. Alt 250–1200 m. N, B, LIM

obovata Schinz = **B. massaiensis** subsp. **obovata** var. **obovata**

racemosa (Hochst.) Baker
Bracteolaria racemosa Hochst. (3)
Perennial. Tree, shrub. Ht 1.8–10 m. Alt 0–900 m. KZN, EC

BAUHINIA L. 3528000

Compiled by H.F. Glen

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 79.
(2) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1311.
(3) Toelken. 1968. *The Flowering Plants of Africa* 39: t. 1531, 1532.
(4) Coetzer & Ross. 1977. *FSA* 16,2: 47–55.
(5) Ross. 1979. *The Flowering Plants of Africa* 46: tt. 1816, 1817.
(6) Germishuizen & Glen. 1988. *The Flowering Plants of Africa* 50: t. 1980.
(7) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2054.
(8) Pooley. 1993. *The complete field guide to trees of Natal, Zululand & Transkei*: 150–153.

bainesii Schinz = **Tylosema esculentum**

bowkeri Harv.
Pauletia bowkeri (Harv.) A.Schmitz (4)
Perennial. Tree, shrub. Ht 3–18 m. Alt 0–750 m. KZN, EC

burkeana (Benth.) Harv. = **Tylosema esculentum**

cissoides Oliv. = **Tylosema fassoglense**

esculenta Burch. = **Tylosema esculentum**

fassoglensis Schweinf. = **Tylosema fassoglense**

galpinii N.E.Br.
B. punctata Bolle (4)
Perlebia galpinii (N.E.Br.) A.Schmitz (4)
Perennial. Shrub or climber. Ht 0.5–8 m. Alt 25–1400 m. LIM, NW, G, M, S, KZN

garipensis E.Mey. = **Adenolobus garipensis**

kirkii Oliv. = **Tylosema fassoglense**

macrantha Oliv. = **B. petersiana** subsp. **macrantha**

mossamedensis (Torre & Hillc.) C.Cusset = **Adenolobus pechuelii** subsp. **mossamedensis**

natalensis Oliv. ex Hook.
Perlebia natalensis (Oliv. ex Hook.) A.Schmitz (4)
Perennial. Shrub. Ht 1–2.5 m. Alt 300–1250 m. M, KZN, EC

pechuelii Kuntze = **Adenolobus pechuelii** subsp. **pechuelii**

petersiana Bolle subsp. **macrantha** (Oliv.) Brummitt & J.H.Ross
B. macrantha Oliv. (4)
B. petersiana Bolle subsp. *serpae* (Ficalho & Hiern) Brummitt & J.H.Ross (4)
B. serpae Ficalho & Hiern (4)
Perlebia macrantha (Oliv.) A.Schmitz (4)
Perennial. Tree, shrub, climber. Ht 1.5–10 m. Alt 550–1800 m. N, B, LIM, NW, G

petersiana Bolle subsp. **petersiana**
Perlebia petersiana (Bolle) A.Schmitz (4)
Perennial. Tree, shrub. Ht 1–10 m. Alt 900–1150 m. N

petersiana Bolle subsp. *serpae* (Ficalho & Hiern) Brummitt & J.H.Ross = **B. petersiana** subsp. **macrantha**

punctata Bolle = **B. galpinii**

***purpurea** L.
Perennial. Tree. Ht 3–10 m. Alt 0–1500 m. LIM, M, KZN

serpae Ficalho & Hiern = **B. petersiana** subsp. **macrantha**

thonningii Schumach. = **Piliostigma thonningii**

tomentosa L.
B. tomentosa L. var. *glabrata* Hook.f. (4)
Pauletia tomentosa (L.) A.Schmitz (4)
Perennial. Tree, shrub. Ht 1–8 m. Alt 0–1250 m. LIM, G, M, S, KZN, EC

tomentosa L. var. *glabrata* Hook.f. = **B. tomentosa**

urbaniana Schinz
Perlebia urbaniana (Schinz) A.Schmitz (4)
Perennial. Shrub. Ht 1–3 m. Alt 900–1250 m. N, B

***variegata** L. var. **variegata**
Perennial. Tree. Ht 2–10 m. Alt 0–1500 m. LIM, G, M, KZN

welwitschii Oliv. = **Tylosema fassoglense**

BESENNA A.Rich. 3443020

anthelmintica A.Rich. = **Albizia anthelmintica**

BITUMINARIA Heist. ex Fabr. 3703020

Compiled by T. Nkonki

(1) Stirton. 1981. *Bothalia* 13: 318.

acaulis (Stev.) C.H.Stirt.
Aspalthium acaulis (Stev.) Hutch (1)
Psoralea acaulis Stev. ap. Hoffm. (insufficiently known) (1)
Perennial. Herb. Ht? Alt? Distr.?

bituminosa (L.) C.H.Stirt. (insufficiently known)
Aspalthium bituminosum (L.) Fourr. (1)
Aspalthium frutescens Medik. (1)
Aspalthium herbaceum Medik. (1)
Psoralea bituminosa L. (1)
Perennial. Herb. Ht? Alt? Distr.?

BOLUSAFRA Kuntze 3893010

Compiled by T. Nkonki & N. Swelankomo

(1) Bullock. 1965. *Kew Bulletin* 19,2: 200.

bituminosa (L.) Kuntze
Fagelia bituminosa (L.) DC., rejected name (1)
Glycine bituminosa L. (1)
Perennial. Dwarf shrub. Ht 0.75–2.5 m. Alt 30–732 m. WC, EC

BOLUSANTHUS Harms 3607010

Compiled by H.F. Glen

(1) Harms. 1906. *Feddes Repertorium* 2: 14–16.
(2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 23.

speciosus (Bolus) Harms
Perennial. Tree. Ht 2–12 m. Alt 15–1400 m. B, LIM, G, M, S, KZN

BOLUSIA Benth. 3732000

Compiled by T. Nkonki & N. Swelankomo

(1) Merxmüller. 1970. *FSWA* 60: 15.

amboensis (Schinz) Harms
Phaseolus amboensis Schinz (1)
Annual. Herb. Ht ?–0.5 m. Alt ?–1158 m. N

capensis Benth.
Annual. Herb. Ht ?–0.3 m. Alt 1220–1281 m. B, NW, FS

BORBONIA L. 3653000

alata Willd. ex Spreng. = **Aspalathus crenata**
alpestris Benth. = **Aspalathus alpestris**
angustifolia Lam. = **Aspalathus angustifolia** subsp. **angustifolia**
barbata Lam. = **Aspalathus barbata**
candolleana Eckl. & Zeyh. = **Aspalathus perforata**
capitata (Thunb.) Poir. = **Liparia capitata**
ciliata Willd. = **Aspalathus perforata**
commutata Vogel = **Aspalathus commutata**
complicata Benth. = **Aspalathus complicata**
cordata L. = **Aspalathus cordata**
cordifolia Lam. = **Aspalathus cordata**
crenata L. = **Aspalathus crenata**
decipiens E.Mey. = **Aspalathus angustifolia** subsp. **angustifolia**
elliptica E.Phillips = **Aspalathus elliptica**
graminifolia (L.) Lam. = **Liparia graminifolia**
hirsuta (Thunb.) Poir. = **Liparia hirsuta**
laevigata L. = **Liparia laevigata**
lanceolata L. = **Aspalathus angustifolia** subsp. **angustifolia**
lanceolata L. *β angustifolia* (Lam.) Walp. = **Aspalathus angustifolia** subsp. **angustifolia**
lanceolata L. var. *robusta* E.Phillips = **Aspalathus angustifolia** subsp. **robusta**
lanceolata L. var. *villosa* E.Phillips = **Aspalathus angustifolia** subsp. **angustifolia**
latifolia Benth. = **Aspalathus elliptica**
leiantha E.Phillips = **Aspalathus crenata**
monosperma DC. = **Aspalathus monosperma**
multiflora (Harv.) E.Phillips = **Aspalathus perfoliata** subsp. **phillipsii**
myrtifolia (Thunb.) Poir. = **Liparia myrtifolia**
parviflora Lam. = **Aspalathus crenata**
perfoliata Lam. = **Aspalathus perfoliata** subsp. **perfoliata**
perfoliata Thunb. = **Rafnia acuminata**
perforata Eckl. & Zeyh. = **Aspalathus perforata**
perforata Thunb. = **Aspalathus perforata**
perforata Thunb. var. *breviflora* Walp. = **Aspalathus perforata**
perforata Thunb. var. *pauciflora* Harv. = **Aspalathus perforata**
perforata Thunb. var. *pluriflora* Harv. = **Aspalathus perforata**
pinifolia Marloth = **Aspalathus linearis**
pungens Mundt ex Benth. = **Aspalathus alpestris**
ruscifolia Sims = **Aspalathus crenata**
serrulata Thunb. = **Aspalathus crenata**
sphaerica (L.) Lam. = **Liparia splendens** subsp. **splendens**
tomentosa L. = **Liparia vestita**
umbellifera (Thunb.) Poir. = **Liparia umbellifera**
undulata Thunb. = **Aspalathus commutata**
undulata Thunb. var. *ciliata* E.Phillips = **Aspalathus commutata**
undulata Thunb. var. *multiflora* Harv. = **Aspalathus perfoliata** subsp. **phillipsii**
vestita Thunb. = **Liparia vestita**
villosa Harv. = **Aspalathus lanifera**
villosa Thunb. = **Liparia angustifolia**

BRACHYSTEGIA Benth. 3504000

Compiled by T. Nkonki & N. Swelankomo

(1) Brenan. 1967. *FTEA* Leguminosae 2: 191.
(2) Hurter & Van Wyk. 2001. *Bothalia*. 31: 43, 44.

boehmii Taub.
B. filiformis Burtt Davy & Hutch. (1)
Perennial. Tree. Ht 2.5–21 m. Alt? B

filiformis Burtt Davy & Hutch. = **B. boehmii**

spiciformis Benth.
Perennial. Tree. Ht 15–20 m. Alt? LIM

BRACTEOLARIA Hochst. 3612010

racemosa Hochst. = **Baphia racemosa**

BRASILETTIA DC. 3561010

africana (Sond.) Kuntze = **Peltophorum africanum**

BUCHENROEDERA Eckl. & Zeyh. 3663000

amajubica Burtt Davy = **Lotononis amajubica**

biflora Bolus = **Lotononis eriocarpa**

glabrescens Dummer = **Lotononis glabrescens**

glabriflora N.E.Br. = **Lotononis caerulescens**

gracilis Eckl. & Zeyh. = **Lotononis alpina** subsp. **multiflora**

griquana Schltr. = **Lotononis stricta**

holosericea (E.Mey.) Benth. = **Lotononis holosericea**

lotononoides Scott-Elliot = **Lotononis lotononoides**

meyeri C.Presl = **Lotononis meyeri**

multiflora Eckl. & Zeyh. = **Lotononis alpina** subsp. **multiflora**

pauciflora Schltr. = **Lotononis carnosa** subsp. **carnosa**

sparsiflora J.M.Wood & M.S.Evans = **Lotononis galpinii**

tenuifolia Eckl. & Zeyh. var. *pulchella* (E.Mey.) Harv. = **Lotononis pulchella**

tenuifolia Eckl. & Zeyh. var. *tenuifolia* = **Lotononis pulchella**

teretifolia Eckl. & Zeyh. = **Aspalathus albens**

trichodes C.Presl = **Lotononis trichodes**

umbellata Harv. = **Lotononis meyeri**

viminea C.Presl = **Lotononis viminea**

BURKEA Benth. 3474000

Compiled by H.F. Glen

(1) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1505.
(2) Ross. 1977. *FSA* 16,2: 14–16.

africana Hook.
B. africana Hook. var. *andongensis* Oliv. (2)
B. africana Hook. var. *cordata* Welw. ex Oliv. (2)
Perennial. Tree. Ht 1.5–15 m. Alt 450–1950 m. N, B, LIM, NW, G, M

africana Hook. var. *andongensis* Oliv. = **B. africana**

africana Hook. var. *cordata* Welw. ex Oliv. = **B. africana**

CAESALPINIA L. 3559000

Compiled by T. Nkonki & N. Swelankomo

(1) Hattink. 1974. *Reinwardtia* 9: 1–69.
(2) Ross. 1977. *FSA* 16,2: 122–130.
(3) Schreiber. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 51–71.
(4) Germishuizen. 1991. *Bothalia* 21: 152–154.
(5) Germishuizen *et al.* 2001. *Flowering Plants of Africa* 57: 70–74, t. 2173.

bonduc (L.) Roxb.
C. bunducella (L.) Fleming (2)
C. crista L. (2)
Guilandina bonduc L. (2)
Perennial. Tree, shrub, climber. Ht 1.5–6 m. Alt 2–8 m. KZN, EC

bracteata Germish.
Perennial. Shrub. Ht 1–4 m. Alt? NC

bunducella (L.) Fleming = **C. bonduc**

crista L. = **C. bonduc**

***decapetala** (Roth) Alston
C. sepiaria Roxb. (2)
Reichardia decapetala Roth (2)
Perennial. Shrub, climber. Ht 1.2–10 m. Alt 9–1220 m. LIM, G, M, S, KZN, WC

dinteri Harms = **Haematoxylum dinteri**

***gilliesii** (Wall. ex Hook.) Benth.
Poinciana gilliesii Wall. ex Hook. (2)
Perennial. Shrub. Ht 0.15–4.5 m. Alt 370–1405 m. N, LIM, NW, FS, WC, EC

melanosticta Spreng. = **Hoffmannseggia burchellii** subsp. **burchellii**

merxmuellerana A.Schreib.
Perennial. Shrub. Ht 1–2 m. Alt? N

obovata Schinz = **Haematoxylum dinteri**

pearsonii L.Bolus
Perennial. Shrub. Ht 0.3–2 m. Alt? N

pectinata Cav. = **C. spinosa**

***pulcherrima** (L.) Sw.
Poinciana pulcherrima L. (2)
Perennial. Shrub. Ht 0.6–6 m. Alt 305–1189 m. G, M, KZN

rostrata N.E.Br.
Perennial. Shrub. Ht 2–3.5 m. Alt ?–15 m. M

rubra (Engl.) Brenan
Hoffmannseggia rubra Engl. (2)
Perennial. Shrub. Ht 0.45–2 m. Alt 410–2000 m. N, B

sepiaria Roxb. = **C. decapetala**

***spinosa** (Molina) Kuntze
C. pectinata Cav. (2)
Coulteria tinctoria Humb., Bonpl. & Kunth (2)
Poinciana spinosa Molina (2)
Tara spinosa (Molina) Britton & Rose (2)
Perennial. Tree. Ht 3–5 m. Alt? N, WC

CAESALPINIOIDES Kuntze 3544010

africanum (Welw. ex Benth.) Kuntze = **Erythrophleum africanum**

CAILLIEA Guill. & Perr. 3452010

dichrostachys Guill. & Perr. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

dichrostachys Guill. & Perr. var. *leptostachys* (DC.) Guill. & Perr. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

***CAJANUS** DC. 3892000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1971. *FTEA* Leguminosae 4: 709–711.
(2) Lock. 1989. *Legumes of Africa*: 388.

cajan (L.) Millsp.
C. indicus Spreng. (1)
Cytisus cajan L. (1)
Perennial. Shrub, dwarf shrub. Ht 1.5–4 m. Alt 155–1035 m. N, LIM, G, M, S, KZN

indicus Spreng. = **C. cajan**

CALLIANDRA Benth. 3444000

Compiled by T. Nkonki

(1) Thulin *et al.* 1981. *Nordic Journal of Botany* 1: 27–34.

redacta (J.H.Ross) Thulin & Asfaw
Acacia redacta J.H.Ross (1)
Perennial. Shrub. Ht 0.2–0.9 m. Alt 550–960 m. NC

CALPURNIA E.Mey. 3607000

Compiled by H.F. Glen

(1) Phillips. 1917. *Annals of the South African Museum* 9: 475–481.
(2) Brummitt. 1967. *Kirkia* 6: 123–131.
(3) Brummitt. 1970. *Kew Bulletin* 24: 71–73.
(4) Polhill. 1971. *FTEA* Leguminosae 3: 46–49.
(5) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1759.
(6) Beaumont *et al.* 1999. *Bothalia* 29: 5–23.

aurea (Aiton) Benth. subsp. **aurea**
C. aurea (Aiton) Benth. subsp. *sylvatica* (Burch.) Brummitt (6)
C. lasiogyne E.Mey. (1)
C. subdecandra (L'Hér.) Schweick. (1)
C. sylvatica E.Mey. (6)
Podalyria aurea (Aiton) Willd. (1)
Robinia subdecandra L'Hér. (4)
Sophora aurea Aiton (1)
Sophora sylvatica Burch. (6)
Virgilia aurea (Aiton) Lam. (1)
Perennial. Tree, shrub. Ht 1–10 m. Alt 0–1900 m. LIM, G, M, S, KZN, EC

aurea (Aiton) Benth. subsp. *sylvatica* (Burch.) Brummitt = **C. aurea** subsp. **aurea**

capensis (Burm.f.) Druce
Perennial. Tree. Ht 2–4 m. Alt 1050–1850 m. FS

floribunda Harv.
Perennial. Tree, shrub. Ht up to 3 m. Alt 0–1500 m. EC

glabrata Brummitt
Perennial. Tree, shrub. Ht 1–3 m. Alt 50–1750 m. M, S, KZN

intrusa of authors, not of (R.Br. in W.T.Aiton) E.Mey. in a strict sense = **C. sericea**

intrusa (R.Br. in W.T.Aiton) E.Mey.
C. villosa Harv. (6)
Virgilia intrusa R.Br. in W.T.Aiton (1)
Perennial. Shrub. Ht 0.2–3 m. Alt 150–1950 m. G, M, FS, KZN, WC

lasiogyne E.Mey. = **C. aurea** subsp. **aurea**

mucronulata Harms ex Kuntze = **C. sericea**

obovata Schinz = **C. sericea**

obovata Schinz var. *pubescens* Yakovlev = **C. sericea**

reflexa A.J.Beaumont
C. robinioides of authors, not of (DC.) E.Mey. (6)
Perennial. Tree, shrub. Ht 1–2 m. Alt 1400–2200 m. FS, L, EC

robinioides of authors, not of (DC.) E.Mey. = **C. reflexa**

sericea Harv.
C. intrusa of authors, not of (R.Br. in W.T.Aiton) E.Mey. in a strict sense (6)
C. mucronulata Harms ex Kuntze (1)
C. obovata Schinz (1)
C. obovata Schinz var. *pubescens* Yakovlev (6)
Perennial. Shrub. Ht 1–3.6 m. Alt 200–2200 m. M, FS, KZN, L, EC

subdecandra (L'Hér.) Schweick. = **C. aurea** subsp. **aurea**

sylvatica E.Mey. = **C. aurea** subsp. **aurea**

villosa Harv. = **C. intrusa**

woodii Schinz
Perennial. Shrub. Ht 0.8–1.8 m. Alt 1350–1550 m. KZN

CANAVALIA DC. 3891000

Compiled by T. Nkonki & N. Swelankomo

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 227.
(2) Sauer. 1964. *Brittonia* 16: 106–181.
(3) Verdcourt. 1971. *FTEA* Leguminosae 4: 571–577.
(4) Germishuizen. 1983. *The Flowering Plants of Africa* 47: t. 1869.
(5) Lock. 1989. *Legumes of Africa*: 389.

bonariensis Lindl.
C. cryptodon Meisn. (2)
C. monodon E.Mey. (2)
Perennial. Climber. Ht 1.5–3 m. Alt 5–60 m. KZN, EC

cryptodon Meisn. = **C. bonariensis**

ensiformis (L.) DC.
Dolichos ensiformis L. (3)
Annual, occ. perennial. Shrub, climber. Ht 0.6–0.9 m. Alt? LIM, G, M, KZN, EC

ferruginea Piper = **C. virosa**

gladiata (Jacq.) DC. var. **gladiata**
Dolichos gladiatus Jacq. (2)
Annual, occ. perennial. Climber. Ht ?–3 m. Alt ?–1250 m. NW, M

maritima Thouars = **C. rosea**

monodon E.Mey. = **C. bonariensis**

obtusifolia (Lam.) DC. = **C. rosea**

rosea (Sw.) DC.
C. maritima Thouars (3)
C. obtusifolia (Lam.) DC. (3)
Dolichos maritimus Aubl. (3)
Dolichos roseus Sw. (3)
Perennial. Climber. Ht 0.1–0.3 m. Alt 5–457 m. M, KZN, EC

virosa (Roxb.) Wight & Arn.
C. ferruginea Piper (3)
Dolichos virosus Roxb. (3)
Perennial. Climber. Ht 3–15 m. Alt 105–1065 m. N, LIM, M, S, KZN

CANTUFFA J.F.Gmel. 3553010

exosa J.F.Gmel. = **Pterolobium stellatum**

CAPASSA Klotzsch 3838020

violacea Klotzsch = **Philenoptera violacea**

CAPNITIS E.Mey. 3657030

clandestina E.Mey. = **Lotononis platycarpa**

CASSIA L. emend. Gaertn. 3536000

Compiled by H.F. Glen

(1) Steyaert. 1950. *Bulletin du Jardin Botanique de l'État Bruxelles* 20: 256, 257.
(2) Brenan. 1958. *Kew Bulletin* 13: 231–252.
(3) Gordon-Gray. 1977. *FSA* 16,2: 69–108.
(4) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1819.
(5) Lock. 1988. *Kew Bulletin* 43: 333–342.
(6) Luckow. 1996. *Baileya* 23: 195–241.

abbreviata Oliv. subsp. **beareana** (Holmes) Brenan
C. abbreviata Oliv. var. *granitica* (Baker f.) Baker f. (3)
C. beareana Holmes (3)
C. granitica Baker f. (3)
Perennial. Tree, shrub. Ht 0.3–13 m. Alt 275–1200 m. N, B, LIM, M, S

abbreviata Oliv. var. *granitica* (Baker f.) Baker f. = **C. abbreviata** subsp. **beareana**

absus L. = **Chamaecrista absus**

arachoides Burch. = **Senna italica** subsp. **arachoides**

beareana Holmes = **C. abbreviata** subsp. **beareana**

bicapsularis L. = **Senna bicapsularis**

biensis (Steyaert) Mendonça & Torre = **Chamaecrista biensis**

capensis Thunb. var. *capensis* = **Chamaecrista capensis** var. **capensis**

capensis Thunb. var. *flavescens* (E.Mey.) Vogel = **Chamaecrista capensis** var. **flavescens**

capensis Thunb. var. *keiensis* Steyaert = **Chamaecrista capensis** var. **flavescens**

coluteoides Collad. = **Senna pendula** var. **glabrata**

comosa (E.Mey.) Vogel var. *capricornia* Steyaert = **Chamaecrista comosa** var. **capricornia**

comosa (E.Mey.) Vogel var. *comosa* = **Chamaecrista comosa** var. **comosa**

comosa (E.Mey.) Vogel var. *lanata* Steyaert = **Chamaecrista comosa** var. **comosa**

corymbosa Lam. = **Senna corymbosa**

delagoensis Harv. = **Senna petersiana**

didymobotrya Fresen. = **Senna didymobotrya**

falcinella Oliv. var. *longifolia* Ghesq. = **Chamaecrista parva**

falcinella Oliv. var. *parviflora* Steyaert = **Chamaecrista falcinella** var. **parviflora**

floribunda in sense of Brenan, not of Cav., misapplied name = **Senna septemtrionalis**

floribunda in sense of Brenan, not of Cav. × *C. bicapsularis* L. = **Senna septemtrionalis × S. bicapsularis**

floribunda in sense of Brenan, not of Cav. × *C. tomentosa* L.f. = **Senna septemtrionalis × S. multiglandulosa**

goratensis Fresen. = **Senna singueana**

granitica Baker f. = **C. abbreviata** subsp. **beareana**

hirsuta L. = **Senna hirsuta**

indecora Kunth var. *glabrata* Vogel = **Senna pendula** var. **glabrata**

italica (Mill.) Lam. ex F.W.Andrews subsp. *arachoides* (Burch.) Brenan = **Senna italica** subsp. **arachoides**

italica (Mill.) Lam. ex F.W.Andrews subsp. *micrantha* Brenan = **Senna italica** subsp. **micrantha**

katangensis (Ghesq.) Steyaert var. *biensis* Steyaert = **Chamaecrista biensis**

kirkii Oliv. var. *quarrei* Ghesq. = **Chamaecrista stricta**

laevigata Willd. = **Senna septemtrionalis**

mimosoides L. = **Chamaecrista mimosoides**

mimosoides L. var. *stricta* (E.Mey.) Harv. = **Chamaecrista stricta**

multiglandulosa Jacq. = **Senna multiglandulosa**

multijuga Rich. = **Senna multijuga**

nairobensis Aggeler & Musser = **Senna didymobotrya**

obovata Collad. var. *mucronata* Burtt Davy = **Senna italica** subsp. **arachoides**

obovata Collad. var. *pallidiflora* Dinter = **Senna italica** subsp. **micrantha**

obovata Collad. var. *pilosa* Burtt Davy = **Senna italica** subsp. **arachoides**

obtusifolia L. = **Senna obtusifolia**

occidentalis L. = **Senna occidentalis**

parva Steyaert = **Chamaecrista parva**

petersiana Bolle = **Senna petersiana**

plumosa (E.Mey.) Vogel = **Chamaecrista plumosa** var. **plumosa**

plumosa (E.Mey.) Vogel var. *diffusa* (E.Mey.) Vogel = **Chamaecrista plumosa** var. **plumosa**

plumosa (E.Mey.) Vogel var. *erecta* Schorn & Gordon-Gray = **Chamaecrista plumosa** var. **erecta**

plumosa (E.Mey.) Vogel × *C. mimosoides* L. = **Chamaecrista plumosa × C. mimosoides**

quarrei (Ghesq.) Steyaert = **Chamaecrista stricta**

septemtrionalis Viv. = **Senna septemtrionalis**

siamea Lam. = **Senna siamea**

singueana Delile = **Senna singueana**

sinqueana in sense of author, not of Delile, spelling err., misapplied name = **Senna singueana**

stricta (E.Mey.) Steud. = **Chamaecrista stricta**

tomentosa in sense of H.M.L.Forbes, misapplied name = **Senna hirsuta**

tomentosa L.f. = **Senna multiglandulosa**

transversali-seminata De Wild. = **Senna bicapsularis**

zanzibarensis Vatke = **Senna singueana**

*CERATONIA L. 3529000

Compiled by T. Nkonki & N. Swelankomo

(1) Brenan. 1967. *FTEA* Leguminosae 2: 16.

siliqua L.
Perennial. Tree. Ht 1–13 m. Alt 555–1370 m. N, G, EC

CHAMAECRISTA Moench 3536010

Compiled by H.F. Glen

(1) Ghesquière. 1932. *Bulletin du Jardin Botanique de l'État Bruxelles* 9: 139–169.
(2) Gordon-Gray. 1977. *FSA* 16,2: 69–108.
(3) Lock. 1988. *Kew Bulletin* 43: 333–342.

absus (L.) Irwin & Barneby
Cassia absus L. (3)
Annual. Herb. Ht 0.1–1 m. Alt 350–1450 m. N, B, LIM, NW, G, M

biensis (Steyaert) Lock
Cassia biensis (Steyaert) Mendonça & Torre (3)
Cassia katangensis (Ghesq.) Steyaert var. *biensis* Steyaert (3)
Perennial. Herb. Ht 0.05–0.6 m. Alt 350–1750 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

capensis (Thunb.) E.Mey. var. **capensis**
Cassia capensis Thunb. var. *capensis* (3)
Perennial. Herb. Ht 0.1–0.4 m. Alt 0–1600 m. B, LIM, NW, G, M, KZN, EC

capensis (Thunb.) E.Mey. var. **flavescens** (Thunb.) E.Mey.
Cassia capensis Thunb. var. *flavescens* (E.Mey.) Vogel (3)
Cassia capensis Thunb. var. *keiensis* Steyaert (3)
Perennial. Herb. Ht 0.1–0.9 m. Alt 0–1700 m. N, LIM, NW, G, M, S, KZN, EC

comosa E.Mey. var. **capricornia** (Steyaert) Lock
Cassia comosa (E.Mey.) Vogel var. *capricornia* Steyaert (3)

Perennial. Herb. Ht 0.2–0.9 m. Alt 900–1750 m. LIM, NW, G, M, S

comosa E.Mey. var. **comosa**
Cassia comosa (E.Mey.) Vogel var. *comosa* (3)
Cassia comosa (E.Mey.) Vogel var. *lanata* Steyaert (3)
Perennial. Herb. Ht 0.2–1.5 m. Alt 0–1525 m. G, KZN, EC

falcinella (Oliv.) Lock var. **parviflora** (Steyaert) Lock
Cassia falcinella Oliv. var. *parviflora* Steyaert (3)
Annual. Herb. Ht 0.2–0.6 m. Alt 900–1100 m. N, B

fenarolii (Mendonça & Torre) Lock
Annual. Herb. Ht up to 0.45 m. Alt 900–1050 m. B

huillensis (Mendonça & Torre) Lock
Perennial. Herb. Ht ± 0.3 m. Alt ± 450 m. LIM

kirkii (Oliv.) Standl.
Perennial. Herb. Ht 0.2–0.4 m. Alt 1150–1250 m. B

mimosoides (L.) Greene
Cassia mimosoides L. (3)
Annual, occ. perennial. Herb. Ht 0.1–1.6 m. Alt 0–1750 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

parva (Steyaert) Lock
Cassia falcinella Oliv. var. *longifolia* Ghesq. (3)
Cassia parva Steyaert (3)
Perennial. Herb. Ht 0.2–0.5 m. Alt 900–1100 m. B

plumosa E.Mey. var. *diffusa* E.Mey. = **C. plumosa** var. **plumosa**

plumosa E.Mey. var. **erecta** (Schorn & Gordon-Gray) Lock
Cassia plumosa (E.Mey.) Vogel var. *erecta* Schorn & Gordon-Gray (3)
Perennial. Herb. Ht 0.4–2.5 m. Alt 150–1200 m. LIM, M, KZN, EC

plumosa E.Mey. var. **plumosa**
Cassia plumosa (E.Mey.) Vogel (3)
Cassia plumosa (E.Mey.) Vogel var. *diffusa* (E.Mey.) Vogel (3)
C. plumosa E.Mey. var. *diffusa* E.Mey. (3)
Perennial. Herb. Ht 0.2–0.4 m. Alt 0–850 m. M, KZN, EC

plumosa E.Mey. × **C. mimosoides** (L.) Greene
Cassia plumosa (E.Mey.) Vogel × *C. mimosoides* L. (3)
Perennial. Herb. Ht ± 0.3 m. Alt 0–60 m. KZN

stricta E.Mey.
Cassia kirkii Oliv. var. *quarrei* Ghesq. (3)
Cassia mimosoides L. var. *stricta* (E.Mey.) Harv. (3)
Cassia quarrei (Ghesq.) Steyaert (3)
Cassia stricta (E.Mey.) Steud. (3)
Annual. Herb. Ht 0.1–1 m. Alt 0–1700 m. B, LIM, NW, G, M, S, KZN, EC

CHRYSOSCIAS E.Mey. 3897010

calucina E.Mey. = **Rhynchosia leucoscias**
grandiflora E.Mey. = **Rhynchosia chrysoscias**
parviflora E.Mey. = **Rhynchosia microscias**

*CLITORIA L. 3857000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1971. *FTEA* Leguminosae 4: 515–518.

mearnsii De Wild. = **C. ternatea** var. **ternatea**

ternatea L. var. **ternatea**
C. mearnsii De Wild. (1)
C. zanzibarensis Vatke (1)
Perennial. Herb, climber. Ht 0.45–3 m. Alt 185–610 m. N, M

zanzibarensis Vatke = **C. ternatea** var. **ternatea**

COELIDIUM Vogel ex Walp. 3646000

amphithaleoides Dummer = **Amphithalea muraltioides**
bowiei Benth. = **Amphithalea bowiei**
bullatum Benth. = **Amphithalea bullata**
cedarbergensis Granby = **Amphithalea cedarbergensis**
ciliare (Eckl. & Zeyh.) Walp. = **Amphithalea ciliaris**
ciliare (Eckl. & Zeyh.) Walp. var. *brevifolium* L. = **Amphithalea flava**
cymbifolium C.A.Sm. = **Amphithalea cymbifolia**
dahlgrenii Granby = **Amphithalea dahlgrenii**
esterhuyseniae Granby = **Amphithalea esterhuyseniae**
euchaetioides Dummer = **Amphithalea villosa**
flavum Granby = **Amphithalea flava**
fourcadei Compton = **Amphithalea parvifolia**
humile Schltr. = **Amphithalea monticola**
minimum Granby = **Amphithalea minima**
muirii Granby = **Amphithalea muirii**
muraltioides Benth. = **Amphithalea muraltioides**
obtusilobum Granby = **Amphithalea obtusiloba**
pageae L.Bolus = **Amphithalea pageae**
parviflorum (Thunb.) Druce = **Amphithalea parvifolia**
parvifolium (Thunb.) Druce = **Amphithalea parvifolia**
perplexum (Eckl. & Zeyh.) Granby = **Amphithalea perplexa**
purpureum Granby = **Amphithalea purpurea**
spinosum Harv. = **Amphithalea spinosa**
thunbergii Harv., illegitimate name = **Amphithalea parvifolia**
tortile (E.Mey.) Druce = **Amphithalea tortilis**
villosum (Schltr.) Granby = **Amphithalea villosa**
vlokii A.L.Schutte & B.-E.van Wyk = **Amphithalea vlokii**

COLOPHOSPERMUM J.Kirk ex J.Léonard 3490010

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 16–19.
(2) Léonard. 1999. *Bulletin du Jardin Botanique National de Belgique* 67: 21–43.

mopane (J.Kirk ex Benth.) J.Kirk ex J.Léonard
Copaiba mopane (J.Kirk ex Benth.) Kuntze (1)
Copaifera mopane J.Kirk ex Benth. (1)
Perennial. Tree. Ht 1–20 m. Alt 200–1150 m. N, B, LIM

COLUTEA L. 3759000

frutescens L. = **Sutherlandia frutescens**
prostrata Thunb. = **Lessertia prostata**

COPAIBA Adans. 3490030

coleosperma (Benth.) Kuntze = **Guibourtia coleosperma**
conjugata (Bolle) Kuntze = **Guibourtia conjugata**
mopane (J.Kirk ex Benth.) Kuntze = **Colophospermum mopane**

COPAIFERA L. 3490000

coleosperma Benth. = **Guibourtia coleosperma**

conjugata (Bolle) Milne-Redh. = **Guibourtia conjugata**

gorskia Schinz = **Guibourtia conjugata**

gorskiana Benth. = **Guibourtia conjugata**

mopane J.Kirk ex Benth. = **Colophospermum mopane**

COPAIVA Jacq. 3490040

coleosperma (Benth.) Britton = **Guibourtia coleosperma**

CORDYLA Lour. 3573000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 133–135.

africana Lour.
Perennial. Tree. Ht 10–25 m. Alt 0–200 m. M, S, KZN

COULTERIA Humb., Bonpl. & Kunth 3559010

tinctoria Humb., Bonpl. & Kunth = **Caesalpinia spinosa**

CRACCA L. 3718040

acaciaefolia Kuntze = **Tephrosia acaciifolia**

lupinifolia Kuntze = **Tephrosia lupinifolia**

semiglabra Kuntze = **Tephrosia semiglabra**

CRAIBIA Harms & Dunn 3720010

Compiled by H.F. Glen

(1) Gillett. 1971. *FTEA* Leguminosae 3: 146–153.

zimmermannii (Harms) Dunn
Lonchocarpus zimmermannii Harms (1)
Perennial. Tree. Ht 1.5–15 m. Alt 0–350 m. S, KZN, EC

CROTALARIA L. 3669000

Compiled by T. Nkonki & N. Swelankomo

(1) Lamarck. 1783. *Encyclopédie Méthodique* 1: 194–203.
(2) Baker. 1897. *Kew Bulletin* Nos 128, 129: 249–253.
(3) Verdoorn. 1928. *Bothalia* 2: 371–420.
(4) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 386.
(5) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 878.
(6) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1104.
(7) Polhill. 1968. *Kew Bulletin* 22,2: 169–338.
(8) Polhill. 1976. *The Flowering Plants of Africa* 43: t. 1689.
(9) Polhill. 1982. Crotalaria *in Africa and Madagascar*: 1–383.
(10) Germishuizen & Condy. 1995. *Flowering Plants of Africa* 54: 54–56, t. 2111.

***agatiflora** Schweinf. subsp. **agatiflora**
C. megistantha Taub. (9)
Perennial. Shrub, herb. Ht 0.3–2 m. Alt 1067–1370 m. N, LIM, G, WC, EC

allenii I.Verd. = **C. orientalis** subsp. **allenii**

amplexicaulis L. = **Rafnia amplexicaulis**

anthyllopsis Welw. ex Baker
Annual. Hcrb. Ht? Alt 640–1220 m. M

apiculata Schinz = **C. platysepala**

argyraea Welw. ex Baker
C. pechueliana Schinz (9)
Perennial. Herb. Ht 0.5–1.21 m. Alt 250–1675 m. N, KZN

aurea Dinter ex Baker f.
Annual. Herb. Ht 0.5–1.5 m. Alt? N

australis (Baker f.) Baker f. ex I.Verd. = **C. laburnifolia** subsp. **australis**

azurea Eckl. & Zeyh. = **Lotononis azurea**

barkae Schweinf. subsp. **barkae**
C. geminiflora Dinter ex Baker f. (9)
Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 950–1405 m. N, B, LIM, NW

barnabassii Dinter ex Baker f.
C. mossamedesiana Baker f. (9)
Annual. Herb. Ht 0.3–2 m. Alt? N

belchii Schinz = **C. podocarpa**

brachycarpa (Benth.) Burtt Davy ex I.Verd.
C. globifera E.Mey. var. *brachycarpa* Benth. (9)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 610–1525 m. LIM, NW, G, M, S

***brevidens** Benth. var. **intermedia** (Kotschy) Polhill
C. intermedia Kotschy (9)
Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt ?–303 m. G, S

breyeri N.E.Br. = **C. monteiroi** var. **galpinii**

burkeana Benth.
C. burkeana Benth. var. *sparsipila* Harv. (9)
Perennial. Herb. Ht 0.25–0.7 m. Alt 60–1560 m. B, LIM, NW, G, M, S, FS, KZN

burkeana Benth. var. *sparsipila* Harv. = **C. burkeana**

capensis Jacq.
C. capensis Jacq. var. *obscura* E.Mey. (9)
C. cecilaea I.Verd. (9)
Perennial. Tree, shrub. Ht 1–6 m. Alt 10–1980 m. LIM, G, M, S, FS, KZN, NC, WC, EC

capensis Jacq. var. *obscura* E.Mey. = **C. capensis**

capitata Lam., not of Thunb. (1800), also not of (Lam.) DC. (1825) = **Liparia umbellifera**

carinata Steud. ex A.Rich. = **C. senegalensis**

cataractarum Baker f. = **C. flavicarinata**

cecilaea I.Verd. = **C. capensis**

cernua Schinz forma *latifolia* Schinz = **C. sphaerocarpa** subsp. **sphaerocarpa**

cinerea Burtt Davy ex I.Verd. = **C. globifera**

colorata Schinz subsp. **colorata**
Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt ± 6 m. N, NC, WC

colorata Schinz subsp. **erecta** (Schinz) Polhill
C. schultzei Harms (9)
Perennial. Shrub, herb. Ht 0.25–1.8 m. Alt 70–800 m. N

coluteoides Lam. = **Hypocalyptus coluteoides**

cordifolia L. = **Hypocalyptus sophoroides**

damarensis Engl.
C. fleckii Schinz (9)
C. marlothii Engl. (9)
Annual, occ. perennial. Herb. Ht 0.15–0.8 m. Alt 305–1405 m. N, B, LIM, G, M, NC

diffusa E.Mey. = **C. excisa** subsp. **excisa**

dinteri Schinz
Perennial. Herb. Ht? Alt? N

distans Benth. subsp. **distans**
Annual. Herb. Ht 0.2–0.8 m. Alt 765–1950 m. N, B, LIM, NW, G, M, FS, KZN, L

distans Benth. subsp. **mediocris** Polhill
C. macaulayae in sense of I.Verd., misapplied name (9)
Annual. Herb. Ht 0.3–0.8 m. Alt 765–1310 m. B, LIM, NW, M

doidgeae I.Verd.
Perennial. Shrub. Ht 0.6–3.5 m. Alt 600–1460 m. LIM, G, M

dura J.M.Wood & M.S.Evans subsp. **dura**
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 1–1050 m. KZN, EC

effusa E.Mey.
Ononis racemosa Thunb. (3)
Annual. Herb. Ht 0.05–0.7 m. Alt 134–915 m. WC, EC

eremicola Baker f. subsp. **eremicola**
C. spinosa Hochst. ex Benth. var. *schlechteri* Baker f. (3)
Perennial. Herb. Ht 0.1–0.8 m. Alt 124–1530 m. N, B, LIM, NW, G, NC

excisa (Thunb.) Baker f. subsp. **excisa**
C. diffusa E.Mey. (9)
Ononis excisa Thunb. (9)
Perennial. Herb. Ht 0.1–1.2 m. Alt 5–2440 m. NC, WC

excisa (Thunb.) Baker f. subsp. **namaquensis** Polhill
Perennial. Herb. Ht? Alt? NC

flavicarinata Baker f.
C. cataractarum Baker f. (9)
Perennial. Shrub, herb. Ht 0.3–2 m. Alt 915–1163 m. N, B

fleckii Schinz = **C. damarensis**

floribunda Lodd. = **Wiborgia obcordata**

gazensis Baker f. subsp. **herbacea** Polhill
Annual. Dwarf shrub, herb. Ht 1–2 m. Alt? LIM

geminiflora Dinter ex Baker f. = **C. barkae** subsp. **barkae**

genistoides Lam. = **Liparia genistoides**

globifera E.Mey.
C. cinerea Burtt Davy ex I.Verd. (9)
C. macrostachya Sond. (9)
C. pentheri Gand. (9)
Annual, occ. perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 5–1735 m. LIM, G, M, S, KZN, EC

globifera E.Mey. var. *brachycarpa* Benth. = **C. brachycarpa**

grantiana Harv. = **C. virgulata** subsp. **grantiana**

griquensis L.Bolus
Perennial. Herb. Ht 0.1–0.4 m. Alt 1200–1350 m. NW, M, S, FS, NC

heidmannii Schinz
C. paucifolia Schinz (9)
Annual. Herb. Ht 0.15–0.8 m. Alt 1150–1350 m. N, B

hirsutissima Schinz = **C. podocarpa**

hispida Schinz = **C. steudneri**

humilis Eckl. & Zeyh.
Annual. Herb. Ht? Alt ?–300 m. WC

imbricata L. = **Amphithalea imbricata**

incompta N.E.Br.
Annual. Herb. Ht ?–0.5 m. Alt? N, B

inhabilis I.Verd. = **C. monteiroi** var. **galpinii**

intermedia Kotschy = **C. brevidens** var. **intermedia**

***juncea** L.
Annual. Herb. Ht ?–1.7 m. Alt 5–1311 m. LIM, KZN

kuibisensis Dinter = **C. leubnitziana**

kurtii Schinz
Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 1800–2100 m. N

laburnifolia L. subsp. **australis** (Baker f.) Polhill
C. australis (Baker f.) Baker f. ex I.Verd. (9)
Perennial. Shrub, herb. Ht 0.2–2 m. Alt 150–1435 m. N, B, LIM, NW, G, M, S, KZN

laburnifolia L. subsp. **laburnifolia**
Perennial. Shrub. Ht ?–1.5 m. Alt? B, LIM

lanata Thunb. = **Xiphotheca fruticosa**

lanceolata E.Mey. subsp. **lanceolata**
C. mossambicensis Klotzsch (9)
Annual. Herb. Ht 0.2–1.7 m. Alt 10–1067 m. LIM, M, S, KZN, EC

lebeckioides Bond
Perennial. Shrub. Ht 0.6–1 m. Alt ?–500 m. WC

lenticula E.Mey. = **Lotononis lenticula**

leubnitziana Schinz
C. kuibisensis Dinter (9)
Perennial. Herb. Ht 0.1–0.6 m. Alt 50–960 m. N, B, NC

lineata Thunb. = **Eriosema squarrosum**

longidens Burtt Davy ex I.Verd.
Perennial. Herb. Ht 0.7–2 m. Alt 1035–1700 m. LIM, M

lotoides Benth.
Perennial. Herb. Ht 0.15–3 m. Alt 6–2925 m. B, LIM, NW, G, M, NC, EC

macaulayae in sense of I.Verd., misapplied name = **C. distans** subsp. **mediocris**

macrocarpa E.Mey. subsp. **macrocarpa**
Perennial. Shrub. Ht 0.3–3 m. Alt 420–600 m. KZN

macrostachya Sond. = **C. globifera**

marlothii Engl. = **C. damarensis**

megistantha Taub. = **C. agatiflora** subsp. **agatiflora**

meyeriana Steud.
C. mollis E.Mey. (9)
Perennial. Herb. Ht 0.05–5 m. Alt 40–500 m. N, NC

mollii Polhill
Perennial. Herb. Ht ?–0.5 m. Alt? S, KZN

mollis E.Mey. = **C. meyeriana**

monophylla Germish.
Perennial. Herb. Ht 0.14–0.25 m. Alt? M

monteiroi Taub. ex Baker f. var. **galpinii** Burtt Davy ex I.Verd.
C. breyeri N.E.Br. (9)
C. inhabilis I.Verd. (9)
C. rigidula Baker f. (9)
Perennial. Shrub, dwarf shrub. Ht 1–2.5 m. Alt 60–1240 m. LIM, G, M, S, KZN

monteiroi Taub. ex Baker f. var. **monteiroi**
Perennial. Shrub, dwarf shrub. Ht 0.6–3 m. Alt 30–1220 m. LIM, M, S, KZN

mossambicensis Klotzsch = **C. lanceolata** subsp. **lanceolata**

mossamedesiana Baker f. = **C. barnabassii**

mucronata Desv. = **C. pallida** var. **pallida**

mutabilis Schinz = **C. podocarpa**

natalensis Baker f.
Perennial. Shrub. Ht 0.45–3 m. Alt 10–380 m. KZN, EC

natalitia Meisn. var. **natalitia**
Perennial. Shrub, herb. Ht 0.45–2 m. Alt 5–915 m. LIM, M, KZN

natalitia Meisn. var. *procumbens* Baker f. = **C. rhodesiae**

nubica Benth. = **C. sphaerocarpa** subsp. **sphaerocarpa**

nutans Welw. ex Baker = **C. sphaerocarpa** subsp. **sphaerocarpa**

obcordata P.J.Bergius = **Wiborgia obcordata**

obscura DC.
C. pilosa Thunb. (9)
C. pilosa Thunb. var. *collina* Eckl. & Zeyh. (9)
C. pilosa Thunb. var. *riparia* Eckl. & Zeyh. (9)
Perennial. Herb. Ht? Alt 5–1676 m. KZN, EC

ochroleuca G.Don
Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt 183–1067 m. S

orientalis Burtt Davy ex I.Verd. subsp. **allenii** (I.Verd.) Polhill & A.Schreib.
C. allenii I.Verd. (9)
Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt ?–1370 m. B, LIM, G

orientalis Burtt Davy ex I.Verd. subsp. **orientalis**
Perennial. Dwarf shrub, herb. Ht 0.5–0.8 m. Alt 885–1370 m. N, B, LIM, NW, M, FS, KZN, NC

pallida Aiton var. **pallida**
C. mucronata Desv. (9)
C. striata DC. (9)
Perennial. Herb. Ht 0.1–2 m. Alt 5–960 m. LIM, M, S, KZN

parvifolia Thunb. = **Amphithalea parvifolia**

paucifolia Schinz = **C. heidmannii**

pearsonii Baker f.
Perennial. Herb. Ht 0.3–0.5 m. Alt 250–460 m. NC

pechueliana Schinz = **C. argyraea**

pentheri Gand. = **C. globifera**

pilosa Thunb. = **C. obscura**

pilosa Thunb. var. *collina* Eckl. & Zeyh. = **C. obscura**

pilosa Thunb. var. *riparia* Eckl. & Zeyh. = **C. obscura**

pilulicarpa Taub. = **C. pisicarpa**

pisicarpa Welw. ex Baker
C. pilulicarpa Taub. (9)
Annual, occ. perennial. Herb. Ht ?–0.5 m. Alt 262–1430 m. N, B, LIM, G

platysepala Harv.
C. apiculata Schinz (9)
Annual. Herb. Ht 0.3–1.2 m. Alt 915–1370 m. N, B

podocarpa DC.
C. belchii Schinz (9)
C. hirsutissima Schinz (9)
C. mutabilis Schinz (9)
Annual. Herb. Ht 0.1–0.7 m. Alt 262–1560 m. N, B, LIM, NW, M, NC, WC

psoraloides Lam. = **Eriosema psoraleoides**

pulchella Andrews = **Lebeckia cytisoides**

purpurea Vent. = **Hypocalyptus coluteoides**

quinata (Thunb.) E.Mey. = **Lotononis acutiflora**

recta Steud. ex A.Rich.
Perennial. Herb. Ht 1–2.5 m. Alt 700–1980 m. LIM, M, S

reniformis Lam. = **Rafnia amplexicaulis**

rhodesiae Baker f.
C. natalitia Meisn. var. *procumbens* Baker f. (9)
Perennial. Herb. Ht 0.4–0.9 m. Alt? B, LIM

rigidula Baker f. = **C. monteiroi** var. **galpinii**

schinzii Baker f.
Perennial. Herb. Ht 0.03–0.4 m. Alt 380–1675 m. B, LIM, M

schlechteri Baker f.
Perennial. Herb. Ht 0.4–0.8 m. Alt? B, M

schultzei Harms = **C. colorata** subsp. **erecta**

senegalensis (Pers.) Bacle ex DC.
C. carinata Steud. ex A.Rich. (9)
Annual. Herb. Ht 0.3–1 m. Alt? B

sericea Retz. = **C. spectabilis**

sericifolia Harms
Perennial. Shrub, dwarf shrub. Ht ?–1.3 m. Alt? N

serpens E.Mey. = **Lotononis hirsuta**

spartea Baker
Annual. Herb. Ht 0.2–1.3 m. Alt 1086–1096 m. M

spartioides DC.
Perennial. Shrub. Ht 0.4–2 m. Alt 910–1585 m. N, B, NW, NC

spartioides DC. × **C. virgultalis** Burch. ex DC.
Perennial. Shrub. Ht? Alt ?–915 m. N, NC

***spectabilis** Roth
C. sericea Retz. (9)
Perennial. Herb. Ht 1–2 m. Alt? G

sphaerocarpa Perr. ex DC. subsp. **sphaerocarpa**
C. cernua Schinz forma *latifolia* Schinz (9)
C. nubica Benth. (9)
C. nutans Welw. ex Baker (9)
C. squarrosa Schinz (9)
Annual. Herb. Ht 0.2–1.2 m. Alt 65–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

spinosa Hochst. ex Benth. var. *schlechteri* Baker f. = **C. eremicola** subsp. **eremicola**

squarrosa Schinz = **C. sphaerocarpa** subsp. **sphaerocarpa**

steudneri Schweinf.
C. hispida Schinz (9)
C. tanganyikensis Baker f. (9)
Annual. Herb. Ht 0.4–0.6 m. Alt 940–1460 m. N, B, LIM

striata DC. = **C. pallida** var. **pallida**

tanganyikensis Baker f. = **C. steudneri**

teixeirae Torre
Annual. Herb. Ht 0.5–0.8 m. Alt? N

trichopoda E.Mey. = **Lotononis glabra**

ulbrichiana Harms
Annual. Herb. Ht 0.4–1.2 m. Alt? N

vasculosa Wall. ex Benth.
Annual. Herb. Ht 0.15–1 m. Alt ?–30 m. LIM, KZN

virgulata Klotzsch subsp. **grantiana** (Harv.) Polhill
C. grantiana Harv. (9)

Annual. Herb. Ht 0.1–1 m. Alt 5–1400 m. B, LIM, NW, G, M, S, FS, KZN, EC

virgultalis Burch. ex DC.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 155–1370 m. N, B, LIM, M, FS, NC, EC

CRYPHIANTHA Eckl. & Zeyh. 3644010

imbricata Eckl. & Zeyh. = **Amphithalea micrantha**

CULLEN Medik. 3703010

Compiled by T. Nkonki & N. Swelankomo

(1) Schönland. 1914. *Records of the Albany Museum* 3: 54.
(2) Stirton. 1981. *Bothalia* 13: 317.
(3) Grimes. 1997. *Australian Systematic Botany* 10: 565–648.
(4) Verdcourt. 2000. *FZ* 3,6: 43–45.

biflora (Harv.) C.H.Stirt.
Psoralea biflora Harv. (2)
Perennial. Dwarf shrub. Ht? Alt? N, NC

corylifolia (L.) Medik. (insufficiently known)
Psoralea corylifolia L. (2)
Psoralea patersoniae Schönland (1)
Annual. Herb. Ht up to 1.5 m. Alt? Distr.?

drupacea (Bunge) C.H.Stirt. (insufficiently known)
Psoralea drupacea Bunge (2)
Perennial. Herb. Ht up to 2 m. Alt? Distr.?

holubii (Burtt Davy) C.H.Stirt.
Psoralea holubii Burtt Davy (2)
Perennial. Shrub. Ht 0.3–0.4 m. Alt 1065–1372 m. LIM

jaubertiana (Fenzl) C.H.Stirt. (insufficiently known)
Psoralea jaubertiana Fenzl (2)
Perennial. Herb. Ht up to 0.75 m. Alt? Distr.?

obtusifolia (DC.) C.H.Stirt. = **C. tomentosum**

plicata (Delile) C.H.Stirt. (insufficiently known)
Psoralea odorata Blatt. & Halb. (2)
Psoralea plicata Delile (2)
Perennial. Dwarf shrub, herb. Ht up to 2 m. Alt? Distr.?

tomentosum (Thunb.) J.W.Grimes
C. obtusifolia (DC.) C.H.Stirt. (4)
Psoralea obtusifolia DC. (2)
Perennial. Herb. Ht 0.1–1.2 m. Alt 15–1677 m. N, B, LIM, NW, FS, NC, WC

CYAMOPSIS DC. 3700000

Compiled by T. Nkonki & N. Swelankomo

(1) Bolus. 1896. *The Journal of Botany (London)* 34: 22.
(2) Gillett. 1958. *Kew Bulletin Additional Series* 1: 6.

senegalensis Guill. & Perr.
C. stenophylla (Bonnet) Chev. (2)
Annual. Herb. Ht 0.3–0.45 m. Alt ?–1100 m. N, B

serrata Schinz
Indigofera psammotropha Bolus (1)
Annual. Herb. Ht ?–0.25 m. Alt 610–1100 m. N, B, LIM, NC

stenophylla (Bonnet) Chev. = **C. senegalensis**

tetragonoloba (L.) Taub.
Psoralea tetragonoloba L. (2)
Annual. Herb. Ht? Alt? KZN

CYCLOPIA Vent. 3620000

Compiled by T. Nkonki & N. Swelankomo

(1) Kies. 1951. *Bothalia* 6: 161–176.
(2) Schutte. 1997. *Edinburgh Journal of Botany* 54,2: 125–170.

ashtonii Hofmeyr & E.Phillips = **C. bowieana**

alpina A.L.Schutte
Perennial. Shrub. Ht up to 0.3 m. Alt 1220–1830 m. WC

alopecuroides A.L.Schutte
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1500–2000 m. WC, EC

aurea Fourc. = **C. intermedia**

aurescens Kies var. **aurescens**
Perennial. Shrub. Ht 0.4–1 m. Alt 490–1800 m. WC

aurescens Kies var. **glauca** Kies
Perennial. Shrub. Ht up to 0.75 m. Alt ?–1220 m. WC

bolusii Hofmeyr & E.Phillips
Perennial. Shrub. Ht up to 1.5 m. Alt ?–2100 m. WC

bowieana Harv.
C. ashtonii Hofmeyr & E.Phillips (1)
Perennial. Shrub. Ht 1–1.8 m. Alt 490–1586 m. WC

brachypoda Benth. = **C. sessiliflora**

brachypoda Hofmeyr & E.Phillips in part = **C. falcata** var. **falcata**

brachypoda Hofmeyr & E.Phillips in part = **C. sessiliflora**

brachypoda Hofmeyr & E.Phillips var. *intermedia* Hofmeyr & E.Phillips = **C. intermedia**

burtonii Hofmeyr & E.Phillips
Perennial. Shrub. Ht 0.3–0.6 m. Alt? WC

buxifolia (Burm.f.) Kies
C. latifolia Benth. (1)
Genista buxifolia Burm.f. (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 305–1370 m. WC

capensis Salter
Perennial. Shrub. Ht 0.3–1 m. Alt ?–600 m. WC

cordifolia Benth. = **C. latifolia**

dregeana Kies
C. latifolia E.Mey. (1)
C. subternata Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *subternata* Harv. in part (1)
Perennial. Shrub. Ht up to 2 m. Alt up to 900 m. WC

falcata (Harv.) Kies var. **falcata**
C. brachypoda Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *falcata* Harv. (1)
Perennial. Shrub. Ht 0.4–0.9 m. Alt 300–1350 m. WC

falcata (Harv.) Kies var. **ovata** Kies
Perennial. Shrub. Ht 1–1.5 m. Alt 500–1370 m. WC

filiformis Kies
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC

galioides Eckl. & Zeyh. = **C. galioides**

galioides E.Mey. = **C. genistoides** var. **genistoides**

galioides (P.J.Bergius) DC.
C. galioides Eckl. & Zeyh. (1)
C. genistoides Walp. (1)
Galega genistoides Thunb. var. *β* (1)
Podalyria genistoides Willd. in part (1)
Sophora galioides P.J.Bergius (1)
Sophora genistoides Thunb. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 275–900 m. WC

genistoides (L.) R.Br. var. **genistoides**
C. galioides E.Mey. (1)
Galega genistoides Thunb. (1)
Ibbetsonia genistoides Sims (1)

Sophora genistoides L. (1)
Perennial. Shrub. Ht 0.2–1.8 m. Alt 15–1830 m. WC

genistoides (L.) R.Br. var. **heterophylla** Harv.
C. heterophylla Eckl. & Zeyh. (1)
Perennial. Shrub. Ht? Alt? WC

genistoides (L.) R.Br. var. **ovalifolia** Kies
Perennial. Shrub. Ht 0.5–1 m. Alt 120–1220 m. WC

genistoides (L.) R.Br. var. **teretifolia** (Eckl. & Zeyh.) Kies
C. teretifolia Eckl. & Zeyh. (1)
Perennial. Shrub. Ht up to 0.4 m. Alt ?–610 m. WC

genistoides Walp. = **C. galioides**

glabra (Hofmeyr & E.Phillips) A.L.Schutte
Perennial. Shrub. Ht up to 1.2 m. Alt 1670–2250 m. WC

grandiflora A.DC. = **C. subternata** var. **subternata**

grandifolia Benth. = **C. subternata** var. **subternata**

heterophylla Eckl. & Zeyh. = **C. genistoides** var. **heterophylla**

intermedia E.Mey.
C. aurea Fourc. (1)
C. brachypoda Hofmeyr & E.Phillips var. *intermedia* Hofmeyr & E.Phillips (1)
C. subternata Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *intermedia* Harv. (1)
Perennial. Shrub. Ht 0.5–0.7 m. Alt 215–1525 m. WC

laricina E.Mey. = **C. maculata**

latifolia Benth. = **C. buxifolia**

latifolia DC.
C. cordifolia Benth. (2)
Perennial. Shrub. Ht up to 1 m. Alt 900–1000 m. WC

latifolia Eckl. & Zeyh. = **C. subternata** var. **subternata**

latifolia E.Mey. = **C. dregeana**

latifolia Walp. in part = **C. subternata** var. **subternata**

laxiflora Benth.
C. subternata Vogel var. *laxiflora* (Benth.) Kies (2)
C. vogeli Harv. var. *laxiflora* (Benth.) Harv. (2)
Perennial. Shrub. Ht? Alt? WC

longifolia Vogel
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt? WC

maculata (Andrews) Kies
C. laricina E.Mey. (1)
C. tenuifolia Lehm. (1)
Gompholobium maculatum Andrews (1)
Perennial. Shrub. Ht 1–2.5 m. Alt 290–762 m. WC

meyeriana Walp.
C. sessiliflora E.Mey. (1)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 765–1585 m. WC

montana Hofmeyr & E.Phillips var. **glabra** Hofmeyr & E.Phillips
Perennial. Shrub. Ht 0.4–2.4 m. Alt ?–2150 m. WC

montana Hofmeyr & E.Phillips var. **montana**
Perennial. Shrub. Ht? Alt? WC

plicata Kies
Perennial. Dwarf shrub. Ht up to 1.5 m. Alt up to 990 m. WC

pubescens Eckl. & Zeyh.
Perennial. Shrub. Ht 1–2 m. Alt? EC

sessiliflora Eckl. & Zeyh.
C. brachypoda Benth. (1)
C. brachypoda Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *brachypoda* Harv. (1)
Rafnia retroflexa Thunb. var. β Thunb. ex Kics, naked name (1)
Perennial. Shrub. Ht 0.15–1 m. Alt 275–1370 m. WC

sessiliflora E.Mey. = **C. meyeriana**

squamosa A.L.Schutte
Perennial. Shrub. Ht? Alt? WC

subternata Hofmeyr & E.Phillips in part = **C. dregeana**

subternata Hofmeyr & E.Phillips in part = **C. intermedia**

subternata Vogel var. *laxiflora* (Benth.) Kies = **C. laxiflora**

subternata Vogel var. **subternata**
C. grandiflora A.DC. (1)
C. grandifolia Benth. (1)
C. latifolia Eckl. & Zeyh. (1)
C. latifolia Walp. in part (1)
C. vogelii Harv. var. *subternata* Harv. in part (1)
Perennial. Shrub. Ht 0.5–3 m. Alt 155–1525 m. WC

tenuifolia Lehm. = **C. maculata**

teretifolia Eckl. & Zeyh. = **C. genistoides** var. **teretifolia**

vogelii Harv. var. *brachypoda* Harv. = **C. sessiliflora**

vogelii Harv. var. *falcata* Harv. = **C. falcata** var. **falcata**

vogelii Harv. var. *intermedia* Harv. = **C. intermedia**

vogeli Harv. var. *laxiflora* (Benth.) Harv. = **C. laxiflora**

vogelii Harv. var. *subternata* Harv. in part = **C. dregeana**

vogelii Harv. var. *subternata* Harv. in part = **C. subternata** var. **subternata**

CYLISTA Aiton 3896000

argentea Eckl. & Zeyh. = **Rhynchosia leucoscias**

CYPHOCALYX C.Presl 3662020

aridus (E.Mey.) C.Presl = **Aspalathus arida** subsp. **erecta**

major C.Presl = **Aspalathus arida** subsp. **procumbens**

*CYTISUS Desf. 3682000

Compiled by H.F. Glen

(1) Frodin & Heywood. 1968. *Flora europaea* 2: 87–89.
(2) De Vries. 1995. *European garden flora* 4: 538–544.

cajan L. = **Cajanus cajan**

candicans (L.) Lam. = **Genista monspessulana**

psoraloides L. = **Indigofera psoraloides**

scoparius (L.) Link
Sarothamnus scoparius (L.) Wimm. ex W.D.J.Koch (1)
Perennial. Shrub. Ht 1.4–4 m. Alt 1200–2100 m. M, KZN, WC, EC

sericeus Willd. = **Mundulea sericea**

DALBERGIA L.f. 3821000

Compiled by H.F. Glen

(1) Polhill. 1971. *FTEA* Leguminosae 3: 73–76.
(2) Coates Palgrave. 1977. *Trees of southern Africa*: 317–320.
(3) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1818.

armata E.Mey.
Perennial. Shrub, climber. Ht 0.7–15 m. Alt 0–1500 m. LIM, M, S, KZN

glandulosa Dunkley, not of Benth. = **D. martinii**

martinii F.White
D. glandulosa Dunkley, not of Benth. (2)
Perennial. Shrub. Ht 1.8–4 m. Alt 900–1050 m. N

melanoxylon Guill. & Perr.
Perennial. Tree, shrub. Ht 5–12 m. Alt 60–1320 m. N, B, LIM, M, S

mossambicensis Harms = **D. nitidula**

multijuga E.Mey.
Perennial. Tree, shrub. Ht 2–5 m. Alt 0–900 m. KZN, EC

nelsii Schinz = **Philenoptera nelsii**

nitidula Baker
D. mossambicensis Harms (1)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 50–1900 m. N, LIM, M, KZN

obovata E.Mey.
D. sessiliflora Harms (1)
Perennial. Tree, shrub, climber. Ht 1.8–8 m. Alt 0–1750 m. LIM, KZN, EC

rotundifolia Sond. = **Pterocarpus rotundifolius** subsp. **rotundifolius**

sessiliflora Harms = **D. obovata**

***sissoo** Roxb. ex DC.
Perennial. Tree, shrub. Ht 3–8 m. Alt 250–1550 m. NW, G, M, FS

DECORSEA R.Vig. 3910030

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 445–447.
(2) Verdcourt. 1971. *FTEA* Leguminosae 4: 611–613.

dinteri (Harms) Verdc.
Phaseolus dinteri Harms (1)
Perennial. Herb, climber. Ht? Alt? N

galpinii (Burtt Davy) Verdc.
Dolichos galpinii Burtt Davy (1)
Perennial. Climber. Ht? Alt ?–610 m. LIM, NW, M, EC

schlechteri (Harms) Verdc.
Dolichos schlechteri Harms ex Burtt Davy (2)
Phaseolus schlechteri Harms (2)
Perennial. Herb, climber. Ht 1–3 m. Alt 167–1524 m. N, B, LIM, M, S, KZN

DEGUELIA Aubl. 3838030

stuhlmannii Taub. = **Xeroderris stuhlmannii**

trifoliata (Lour.) Taub. = **Derris trifoliata**

uliginosa (Willd.) Baill. = **Derris trifoliata**

DERRIS Lour. 3838000

Compiled by T. Nkonki

(1) Polhill. 1971. *FTEA* Leguminosae 3: 73–76.
(2) Lock. 1989. *Legumes of Africa*: 351.

stuhlmannii (Taub.) Harms = **Xeroderris stuhlmannii**

trifoliata Lour.
Deguelia trifoliata (Lour.) Taub. (1)
Deguelia uliginosa (Willd.) Baill. (1)
D. uliginosa (Willd.) Benth. (1)
Robinia uliginosa Willd. (1)
Perennial. Climber. Ht 3–15 m. Alt 0–50 m. S, KZN

uliginosa (Willd.) Benth. = **D. trifoliata**

violacea (Klotzsch) Harms = **Philenoptera violacea**

*DESMANTHUS Willd. 3450000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 120.

leptostachys DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

nutans (Pers.) DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

stolonifer DC. = **Neptunia oleracea**

trichostachys DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

virgatus (L.) Willd.
Mimosa virgata L. (1)
Perennial. Shrub, herb. Ht 0.7–1 m. Alt 30–600 m. KZN

DESMODIUM Desv. 3807000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 451–479.
(2) Ohashi. 1973. *Ginkgoana* 1: 1–318.
(3) Schrire. 1988. *Bothalia* 18: 11–24.

adscendens (Sw.) DC. var. **robustum** Schub.
Perennial. Herb. Ht ?–0.3 m. Alt 3–30 m. LIM, KZN

asperum (Poir.) Desr.
Perennial. Shrub. Ht ?–2.5 m. Alt? KZN, EC

barbatum (L.) Benth. subsp. *dimorphum* (Welw. ex Baker) J.R.Laundon = **D. barbatum** var. **dimorphum**

barbatum (L.) Benth. var. **argyreum** (Welw. ex Baker) Schub.
D. dimorphum Welw. ex Baker var. *argyreum* Welw. ex Baker (3)
Nicolsonia barbata (L.) DC. var. *argyrae* (Welw. ex Baker) Schindl. (3)
Perennial. Dwarf shrub. Ht ?–0.9 m. Alt 1000–2000 m. N

barbatum (L.) Benth. var. **dimorphum** (Welw. ex Baker) Schub.
D. barbatum (L.) Benth. subsp. *dimorphum* (Welw. ex Baker) J.R.Laundon (3)
D. dimorphum Welw. ex Baker (3)
Nicolsonia barbata (L.) DC. var. *dimorpha* (Welw. ex Baker) Schindl. (3)
Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 610–1370 m. B, LIM, M

caffrum Eckl. & Zeyh. = **D. repandum**

caffrum (E.Mey.) Druce = **D. dregeanum**

canum (J.F.Gmel.) Schinz & Thell. = **D. incanum**

dimorphum Welw. ex Baker = **D. barbatum** var. **dimorphum**

dimorphum Welw. ex Baker var. *argyreum* Welw. ex Baker = **D. barbatum** var. **argyreum**

dregeanum Benth.
D. caffrum (E.Mey.) Druce (3)
Nicolsonia caffra E.Mey. (3)
Perennial. Dwarf shrub, herb. Ht 0.25–1.2 m. Alt 5–1575 m. M, KZN, EC

gangeticum (L.) DC.
D. gangeticum (L.) DC. var. *maculatum* (L.) Baker (3)
D. natalitum Sond. (3)
Hedysarum gangeticum L. (3)
Hedysarum maculatum L. (3)
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 60–760 m. LIM, M, KZN

gangeticum (L.) DC. var. *maculatum* (L.) Baker = **D. gangeticum**

grande E.Mey. = **D. salicifolium** var. **salicifolium**

hirtum Guill. & Perr. = **D. setigerum**

incanum DC.
D. canum (J.F.Gmel.) Schinz & Thell. (3)
Hedysarum canum J.F.Gmel. (3)
Hedysarum incanum Sw. (3)
Hedysarum racemosum Aubl. (3)

Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 5–365 m. KZN, EC

lasiocarpum (P.Beauv.) DC. = **D. velutinum**

natalitum Sond. = **D. gangeticum**

paleaceum Guill. & Perr. = **D. salicifolium** var. **salicifolium**

repandum (Vahl) DC.
D. caffrum Eckl. & Zeyh. (3)
D. scalpe DC. (3)
D. strangulatum Wight & Arn. (3)
Hedysarum repandum Vahl (3)
Perennial. Shrub, herb. Ht 0.3–3 m. Alt 15–1830 m. LIM, NW, G, M, S, KZN, WC, EC

salicifolium (Poir.) DC. var. **salicifolium**
D. grande E.Mey. (3)
D. paleaceum Guill. & Perr. (3)
Hedysarum salicifolium Poir. (3)
Perennial. Shrub, dwarf shrub, herb. Ht 1.2–2.5 m. Alt 30–640 m. N, B, M, S, KZN

scalpe DC. = **D. repandum**

setigerum (E.Mey.) Benth. ex Harv.
D. hirtum Guill. & Perr. (3)
Nicolsonia setigera E.Mey. (3)
Perennial. Herb, climber. Ht 0.15–1.5 m. Alt 5–1830 m. LIM, M, S, KZN, EC

spirale in sense of Baker, misapplied name = **D. tortuosum**

squarrosum (Thunb.) DC. var. *acuminatum* Eckl. & Zeyh. = **Eriosema acuminatum**

squarrosum (Thunb.) DC. var. *acutifolium* Eckl. & Zeyh. = **Eriosema squarrosum**

strangulatum Wight & Arn. = **D. repandum**

tortuosum (Sw.) DC.
D. spirale in sense of Baker, misapplied name (3)
Hedysarum tortuosum Sw. (3)
Perennial. Dwarf shrub, herb. Ht 0.7–1.8 m. Alt? M, KZN

velutinum (Willd.) DC.
D. lasiocarpum (P.Beauv.) DC. (3)
Hedysarum lasiocarpum P.Beauv. (3)
Hedysarum velutinum Willd. (3)
Perennial. Dwarf shrub, herb. Ht 1–3 m. Alt 520–610 m. LIM

DIALIUM L. 3530000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 65–67.

engleranum Henriq.
D. simii E.Phillips (1)
Perennial. Tree. Ht 3–21 m. Alt 305–1100 m. N, B

schlechteri Harms
Andradia arborea Sim (1)
Perennial. Tree. Ht 0.7–16 m. Alt 0–150 m. KZN

simii E.Phillips = **D. engleranum**

DICHILUS DC. 3664000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.
(2) Schutte & Van Wyk. 1988. *South African Journal of Botany* 54,2: 182–186.
(3) Germishuizen. 1991. *The Flowering Plants of Africa* 51: t. 2037.

candicans E.Mey. = **Melolobium candicans**

gracilis Eckl. & Zeyh.
D. patens E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 762–1220 m. G, M, FS, NC, WC, EC

lebeckioides DC.
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 305–2100 m. N, LIM, NW, G, M, FS, NC

microphyllus E.Mey. = **Melolobium microphyllum**

multiflorus Burtt Davy = **D. pilosus**

patens E.Mey. = **D. gracilis**

pilosus Conrath ex Schinz
D. multiflorus Burtt Davy (2)
D. pilosus Conrath ex Schinz var. *multiflorus* Burtt Davy (2)
D. pilosus Kensit (2)
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 1281–2255 m. G, M

pilosus Conrath ex Schinz var. *multiflorus* Burtt Davy = **D. pilosus**

pilosus Kensit = **D. pilosus**

reflexus (N.E.Br.) A.L.Schutte
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 5–2715 m. M, S, KZN, EC

strictus E.Mey.
Perennial. Shrub, dwarf shrub, herb. Ht 0.5–2 m. Alt 655–2590 m. G, M, FS, KZN, L, EC

DICHROSTACHYS (A.DC.) Wight & Arn. 3452000

Compiled by H.F. Glen

(1) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 894.
(2) Brenan & Brummitt. 1965. *Boletim da Sociedade Broteriana* 39: 61–115.
(3) Ross. 1974. *Bothalia* 11: 265–268.
(4) Ross. 1975. *FSA* 16,1: 123–129.

caffra Meisn. ex Benth. = **D. cinerea** subsp. **africana** var. **africana**

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **africana**
Acacia engleri Schinz (4)
Acacia spinosa E.Mey. (4)
Cailliea dichrostachys Guill. & Perr. (4)
Cailliea dichrostachys Guill. & Perr. var. *leptostachys* (DC.) Guill. & Perr. (4)
Desmanthus leptostachys DC. (4)
Desmanthus nutans (Pers.) DC. (4)
Desmanthus trichostachys DC. (4)
D. caffra Meisn. ex Benth. (4)
D. lugardiae N.E.Br. (4)
D. nutans (Pers.) Benth. (4)
Perennial. Tree, shrub. Ht 1–15 m. Alt 0–1550 m. N, B, LIM, NW, G, M, S, FS, KZN

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **pubescens** Brenan & Brummitt
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 150–500 m. LIM, M, S

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **setulosa** (Welw. ex Oliv.) Brenan & Brummitt
Acacia kalachariensis Schinz (4)
D. nutans (Pers.) Benth. var. *setulosa* Welw. ex Oliv. (4)
Perennial. Tree, shrub. Ht 0.6–4.5 m. Alt 400–1600 m. N, B, LIM, NW, G, M, NC

cinerea (L.) Wight & Arn. subsp. **nyassana** (Taub.) Brenan

D. glomerata (Forssk.) Chiov. subsp. *nyassana* (Taub.) Brenan (4)
D. major Sim (4)
D. nyassana Taub. (4)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 0–1400 m. B, LIM, G, M, S, KZN, EC

glomerata (Forssk.) Chiov. subsp. *nyassana* (Taub.) Brenan = **D. cinerea** subsp. **nyassana**

lugardiae N.E.Br. = **D. cinerea** subsp. **africana** var. **africana**

major Sim = **D. cinerea** subsp. **nyassana**

nutans (Pers.) Benth. = **D. cinerea** subsp. **africana** var. **africana**

nutans (Pers.) Benth. var. *setulosa* Welw. ex Oliv. = **D. cinerea** subsp. **africana** var. **setulosa**

nyassana Taub. = **D. cinerea** subsp. **nyassana**

DIPHACA L. 3792010

discolor (Vatke) Chiov. = **Ormocarpum kirkii**

kirkii (S.Moore) Taub. = **Ormocarpum kirkii**

trichocarpa Taub. = **Ormocarpum trichocarpum**

DIPOGON Liebm. 3909010

Compiled by T. Nkonki

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 402.
(2) Verdcourt. 1970. *Kew Bulletin* 24,3: 406.

lignosus (L.) Verdc.
Dolichos gibbosus Thunb. (2)
Dolichos lignosus L. (2)
Perennial. Herb, climber. Ht 0.01–3.65 m. Alt 5–1675 m. G, M, KZN, NC, WC, EC

DOLICHOS L. 3910000

Compiled by T. Nkonki

(1) Bolus. 1906. *Transactions of South African Royal Philosophical Society* 16: 383.
(2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 402.
(3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1028.
(4) Verdcourt. 1970. *Kew Bulletin* 24,3: 411.
(5) Verdcourt. 1971. *FTEA* Leguminosae 4: 674–696.
(6) Hilliard & Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 83, 84.

andongensis Baker = **D. trilobus** subsp. **trilobus** var. **trilobus**

angustifolius Eckl. & Zeyh.
Perennial. Herb. Ht 0.15–0.5 m. Alt 1220–2030 m. LIM, NW, G, M, FS, KZN, L, WC, EC

angustissimus E.Mey.
Perennial. Herb. Ht ?–0.5 m. Alt 1220–1936 m. N, NW, G, M, FS, KZN, EC

axillaris E.Mey. = **Macrotyloma axillare** var. **axillare**

brachypus Engl. = **Neorautanenia amboensis**

daltonii Webb = **Macrotyloma daltonii**

decumbens Thunb.
Perennial. Herb, climber. Ht 0.2–2 m. Alt 15–1380 m. NC, WC, EC

ensiformis L. = **Canavalia ensiformis**

falcatus Willd. = **D. trilobus** subsp. **trilobus** var. **trilobus**

falciformis E.Mey.
Perennial. Herb. Ht 0.06–1.2 m. Alt 60–2135 m. LIM, NW, G, M, S, KZN, WC, EC

ficifolius (Benth.) Harms = **Neorautanenia ficifolius**

galpinii Burtt Davy = **Decorsea galpinii**

gibbosus Thunb. = **Dipogon lignosus**

gladiatus Jacq. = **Canavalia gladiata** var. **gladiata**

hastaeformis E.Mey.
Perennial, occ. annual. Herb. Ht 0.3–0.5 m. Alt 30–702 m. WC, EC

hirsutus Thunb. = **Pueraria lobata** var. **lobata**

hirtus Andrews = **Rhynchosia hirta**

junodii (Harms) Verdc.
Vigna junodii Harms (4)
Perennial. Herb. Ht? Alt 900–1524 m. N, B, LIM, M, KZN

lablab L. = **Lablab purpureus** subsp. **purpureus**

lignosus L. = **Dipogon lignosus**

linearis E.Mey.
Perennial. Herb, climber. Ht ?–0.5 m. Alt 152–1921 m. LIM, G, FS, KZN, L, EC

longistipellatus Harms = **Macrotyloma rupestre**

maritimus Aubl. = **Canavalia rosea**

minimus L. = **Rhynchosia minima** var. **minima**

peglerae L.Bolus
Perennial. Herb, climber. Ht? Alt 40–1464 m. KZN, EC

pratensis (E.Mey.) Taub.
Perennial. Herb, climber. Ht 0.3–1.5 m. Alt 1030–1830 m. LIM, NW, G, FS, L

pruriens L. = **Mucuna pruriens** var. **pruriens**

pseudodebilis Harms
Perennial. Herb. Ht? Alt? N

purpureus L. = **Lablab purpureus** subsp. **purpureus**

reticulatus Schltr. = **Vigna nervosa**

roseus Sw. = **Canavalia rosea**

rupestris Baker = **Macrotyloma rupestre**

schlechteri Harms ex Burtt Davy = **Decorsea schlechteri**

sericeus E.Mey. subsp. **sericeus**
Rhynchosia sphaerocephala Baker (5)
Perennial. Herb, climber. Ht ?–1.2 m. Alt 5–1891 m. M, S, KZN, L, EC

sinensis L. = **Vigna unguiculata** subsp. **unguiculata**

taubertii Baker f. = **Macrotyloma maranguense**

trilobus L. subsp. **transvaalicus** Verdc.
Perennial. Herb, climber. Ht ?–0.6 m. Alt 320–1850 m. N, LIM, NW, G, M, S, KZN

trilobus L. subsp. **trilobus** var. **trilobus**
D. andongensis Baker (5)
D. falcatus Willd. (5)
Perennial. Herb, climber. Ht? Alt? KZN

uncinatus Schweinf. = **Lablab purpureus** subsp. **uncinatus**

unguiculatus L. = **Vigna unguiculata** subsp. **unguiculata**

venulosus Hiern = **Rhynchosia venulosa**

virosus Roxb. = **Canavalia virosa**

DUMASIA DC. 3861000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA* Leguminosae 4: 513–515.

villosa DC. var. **villosa**
Perennial. Herb, climber. Ht 1.5–3 m. Alt 55–1830 m. LIM, NW, M, S, KZN, EC

ELEPHANTORRHIZA Benth. 3467000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 138–150.
(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1859.

burchellii Benth. = **E. elephantina**

burkei Benth.
E. elephantina (Burch.) Skeels var. *burkei* (Benth.) Merr. (1)
Perennial. Tree, shrub. Ht 0.3–10 m. Alt 350–1500 m. B, LIM, NW, G, M

dinteri E.Phillips = **E. elephantina**

elephantina (Burch.) Skeels
Acacia elephantina Burch. (1)
Acacia elephantorrhiza DC. (1)
E. burchellii Benth. (1)
E. dinteri E.Phillips (1)
Prosopis elephantina (Burch.) E.Mey. (1)
Prosopis elephantorrhiza (DC.) Spreng. (1)
Annual, occ. perennial. Shrub, dwarf shrub, suffrutex. Ht 0.2–2 m. Alt 250–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

elephantina (Burch.) Skeels var. *burkei* (Benth.) Merr. = **E. burkei**

goetzei (Harms) Harms subsp. **goetzei**
E. rubescens Gibbs (1)
Perennial. Tree, shrub. Ht 0.5–7 m. Alt 200–1450 m. N, B, LIM, M

obliqua Burtt Davy var. **glabra** E.Phillips
E. transvaalensis E.Phillips (1)
Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1000–1580 m. LIM, NW, M

obliqua Burtt Davy var. **obliqua**
Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1700–1850 m. M

praetermissa J.H.Ross
Perennial. Shrub. Ht 1–2 m. Alt 1050–1220 m. LIM, M

pubescens E.Phillips = **E. woodii** var. **pubescens**

rangei Harms
Perennial. Shrub. Ht up to 4 m. Alt 850–1800 m. N

rubescens Gibbs = **E. goetzei** subsp. **goetzei**

schinziana Dinter
Perennial. Shrub. Ht 1–3 m. Alt 1200–1450 m. N

suffruticosa Schinz
Perennial. Tree, shrub. Ht 1.5–5 m. Alt 400–1850 m. N

transvaalensis E.Phillips = **E. obliqua** var. **glabra**

woodii E.Phillips var. **pubescens** E.Phillips
E. pubescens E.Phillips (1)
Annual, occ. perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1000–1850 m. KZN, L

woodii E.Phillips var. **woodii**
Annual, occ. perennial. Dwarf shrub. Ht up to 0.6 m. Alt 900–1200 m. M, KZN

ENTADA Adans. 3468000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 150–155.
(2) Panigrahi. 1985. *Taxon* 34: 714.

arenaria Schinz subsp. **arenaria**
E. nana Harms (1)
Annual, occ. perennial. Dwarf shrub. Ht 0.4–1.25 m. Alt 305–1220 m. N, B

flexuosa Hutch. & Dalziel = **E. wahlbergii**

gogo (Blanco) I.M.Johnst. = **E. rheedii**

monostachya DC. = **E. rheedii**

nana Harms = **E. arenaria** subsp. **arenaria**

natalensis Benth. var. *aculeata* Harv. = **Adenopodia spicata**

pursaetha DC. = **E. rheedii**

rheedii Spreng.
Adenanthera gogo Blanco (1)
E. gogo (Blanco) I.M.Johnst. (1)
E. monostachya DC. (1)
E. pursaetha DC. (2)
Perennial. Climber. Ht 2–75 m. Alt 3–20 m. KZN

spicata (E.Mey.) Druce = **Adenopodia spicata**

wahlbergii Harv.
E. flexuosa Hutch. & Dalziel (1)
Entadopsis flexuosa (Hutch. & Dalziel) G.C.C.Gilbert & Boutique (1)
Entadopsis wahlbergii (Harv.) Pedro (1)
Pusaetha wahlbergii (Harv.) Kuntze (1)
Perennial. Climber. Ht 3–10 m. Alt 90–1400 m. S, KZN

ENTADOPSIS Britton 3468010

flexuosa (Hutch. & Dalziel) G.C.C.Gilbert & Boutique = **Entada wahlbergii**

wahlbergii (Harv.) Pedro = **Entada wahlbergii**

EPISTEMUM Walp. 3644020

ferrugineum Walp. = **Amphithalea cuneifolia**

ERIOSEMA (DC.) G.Don 3898000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.
(2) Baker. 1929. *Leguminosae of tropical Africa* 2: 505–515.
(3) Hutchinson & Dalziel. 1935. *Kew Bulletin* 5: 277, 278.
(4) Gillett *et al.* 1971. *FTEA* Leguminosae 4: 761–805.
(5) Stirton. 1981. *Bothalia* 13: 307–315.
(6) Stirton. 1984. *The Flowering Plants of Africa* 48: t. 1900.
(7) Stirton. 1986. *Bothalia* 16: 11–22.
(8) Lock. 1989. *Legumes of Africa*: 398–408.
(9) Stirton. 1994. *Kew Bulletin* 49,3: 529–532.

acuminatum (Eckl. & Zeyh.) C.H.Stirt.
Desmodium squarrosum (Thunb.) DC. var. *acuminatum* Eckl. & Zeyh. (7)
E. squarrosum (Thunb.) Walp. var. *acuminatum* (Eckl. & Zeyh.) Harv. (7)
Perennial. Herb. Ht ?–0.25 m. Alt 30–2135 m. KZN, EC

angustifolium Burtt Davy
Perennial. Herb. Ht 0.1–1 m. Alt 152–1690 m. LIM

angustifolium Burtt Davy × **E. ellipticifolium** Schinz (insufficiently known) (5)
Perennial. Herb. Ht? Alt? KZN

buchananii Baker f. var. **buchananii**
E. richardii Benth. ex Baker f. var. *ovatum* Staner & De Craene (3)
Perennial. Dwarf shrub, herb. Ht 0.5–0.6 m. Alt 1451–1555 m. LIM

burkei Harv. var. **burkei**
E. leucanthum Baker f. (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 915–1640 m. LIM, NW, G, M

cajanoides (Guill. & Perr.) Hook.f. = **E. psoraleoides**

capitatum E.Mey. = **Otholobium sericeum**

consanguineum Klotzsch = **E. parviflorum** subsp. **parviflorum**

cordatum E.Mey.
E. cordatum E.Mey. var. *guenzii* (Sond.) Harv. (5)
E. guenzii Sond. (5)
Perennial. Herb. Ht 0.05–0.6 m. Alt 0–1830 m. LIM, NW, G, M, S, FS, KZN, EC

cordatum E.Mey. var. *guenzii* (Sond.) Harv. = **E. cordatum**

cordatum E.Mey. × **E. kraussianum** Meisn.
Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. preptum** C.H.Stirt.
Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. salignum** E.Mey.
Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. squarrosum** (Thunb.) Walp.
Perennial. Herb. Ht? Alt? KZN

cryptantha Baker = **Pearsonia cajanifolia** subsp. **cryptantha**

distinctum N.E.Br.
Perennial. Herb. Ht 0.07–0.3 m. Alt 1–1575 m. LIM, M, KZN, EC

dregei E.Mey.
E. squarrosum (Thunb.) Walp. var. *dregei* Benth. ex Harv. (7)
E. zeyheri E.Mey. var. *dregei* (E.Mey.) Baker f. (7)
Rhynchosia dregei (E.Mey.) Steud. (7)
Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt 9–175 m. KZN, EC

durnfordensis C.H.Stirt.
Perennial. Herb. Ht? Alt? KZN

ellipticifolium Schinz
Perennial. Herb. Ht 0.09–0.25 m. Alt 945–2072 m. LIM, M, S, KZN

fasciculatum Schinz
Perennial. Herb. Ht? Alt? LIM

guenzii Sond. = **E. cordatum**

gunniae C.H.Stirt.
Perennial. Herb. Ht 0.08–0.5 m. Alt 1200–1830 m. LIM, M

harmsiana Dinter
Perennial. Herb. Ht 0.1–0.2 m. Alt? N

kraussianum Meisn.
Perennial. Herb. Ht 0.25–0.4 m. Alt 30–2440 m. M, FS, KZN, EC

kraussianum Meisn. × **E. squarrosum** (Thunb.) Walp.
Perennial. Herb. Ht? Alt? KZN

latifolium (Benth. ex Harv.) C.H.Stirt.
E. squarrosum (Thunb.) Walp. var. *latifolium* Benth. ex Harv. (7)
E. zeyheri E.Mey. var. *latifolium* Benth. ex Baker f. (7)
Perennial. Dwarf shrub, herb. Ht ?–1 m. Alt ?–915 m. KZN

leucanthum Baker f. = **E. burkei** var. **burkei**

lucipetum C.H.Stirt.
Perennial. Herb. Ht 0.1–0.8 m. Alt 4–2100 m. M, FS, KZN

lucipetum C.H.Stirt. × **E. cordatum** E.Mey.
Perennial. Herb. Ht? Alt? KZN

luteopetalum C.H.Stirt.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 4–160 m. KZN

naviculare C.H.Stirt.
Perennial. Herb. Ht 0.5–0.6 m. Alt ?–610 m. M

nutans Schinz
E. richardii Benth. ex Baker f. (3)
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 1372–2074 m. LIM, G, M, S

oblongum Harv. = **E. pauciflorum** var. **pauciflorum**

parviflorum E.Mey. subsp. **parviflorum**
E. consanguineum Klotzsch (4)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 2–518 m. LIM, G, EC

pauciflorum Klotzsch var. **pauciflorum**
E. oblongum Harv. (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt? N, B, LIM, NW, M

pauciflorum Klotzsch × **E. salignum** E.Mey.
Perennial. Herb. Ht? Alt? G

polystachyium E.Mey. = **E. psoraleoides**

populifolium Harv. subsp. **capensis** C.H.Stirt. & Gordon-Gray
Perennial. Herb. Ht 0.15–0.2 m. Alt ?–366 m. KZN, EC

populifolium Harv. subsp. **populifolium**
Perennial. Herb. Ht 0.1–0.25 m. Alt 610–915 m. KZN

preptum C.H.Stirt.
Perennial. Herb. Ht 0.2–0.6 m. Alt 1.5–762 m. KZN

×**provectum** C.H.Stirt.
Perennial. Herb. Ht? Alt? KZN

psoraleoides (Lam.) G.Don
Crotalaria psoraloides Lam. (5)
E. cajanoides (Guill. & Perr.) Hook.f. (5)
E. polystachyium E.Mey. (4)
Rhynchosia cajanoides Guill. & Perr. (5)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 6–1400 m. B, LIM, NW, M, S, KZN

psoraleoides (Lam.) G.Don × **E. salignum** E.Mey.
Perennial. Herb. Ht? Alt? KZN

richardii Benth. ex Baker f. = **E. nutans**

richardii Benth. ex Baker f. var. *ovatum* Staner & De Craene = **E. buchananii** var. **buchananii**

rossii C.H.Stirt.
Perennial. Herb. Ht ?–0.35 m. Alt 610–1067 m. KZN, EC

rufescens Schinz
Perennial. Herb. Ht? Alt? S

salignum E.Mey.
Perennial. Herb. Ht 0.1–0.6 m. Alt 15–1769 m. LIM, NW, G, M, FS, KZN, L, EC

salignum E.Mey. × **E. cordatum** E.Mey.
Perennial. Herb. Ht? Alt? KZN

salignum E.Mey. × **E. kraussianum** Meisn.
Perennial. Herb. Ht? Alt? KZN

salignum E.Mey. × **E. squarrosum** (Thunb.) Walp.
Perennial. Herb. Ht? Alt? KZN

simulans C.H.Stirt.
Perennial. Herb. Ht? Alt? M, S, FS, KZN

squarrosum (Thunb.) Walp.
Crotalaria lineata Thunb. (7)
Desmodium squarrosum (Thunb.) DC. var. *acutifolium* Eckl. & Zeyh. (7)
E. zeyheri E.Mey. (7)
Hedysarum squarrosum Thunb. (7)
Perennial. Herb. Ht 0.15–0.3 m. Alt 15–1402 m. KZN, EC

squarrosum (Thunb.) Walp. var. *acuminatum* (Eckl. & Zeyh.) Harv. = **E. acuminatum**

squarrosum (Thunb.) Walp. var. *dregei* Benth. ex Harv. = **E. dregei**

squarrosum (Thunb.) Walp. var. *latifolium* Benth. ex Harv. = **E. latifolium**

squarrosum (Thunb.) Walp. × **E. cordatum** E.Mey.
Perennial. Herb. Ht? Alt? KZN

streyi C.H.Stirt.
Perennial. Herb. Ht ?–0.3 m. Alt? EC

superpositum C.H.Stirt.
Perennial. Herb. Ht? Alt 91–1769 m. KZN

transvaalense C.H.Stirt.
Perennial. Herb. Ht 0.1–0.4 m. Alt 829–1690 m. LIM, M

transvaalense C.H.Stirt. × **E. angustifolium** Burtt Davy
Perennial. Herb. Ht? Alt? LIM

umtamvunense C.H.Stirt.
Perennial. Herb. Ht 0.2–0.7 m. Alt 396–427 m. KZN, EC

villosum (Meisn.) C.A.Sm. = **Rhynchosia villosa**

×**woodii** C.H.Stirt.
Perennial. Herb. Ht? Alt? KZN

zeyheri E.Mey. = **E. squarrosum**

zeyheri E.Mey. var. *dregei* (E.Mey.) Baker f. = **E. dregei**

zeyheri E.Mey. var. *latifolium* Benth. ex Baker f. = **E. latifolium**

zuluense C.H.Stirt.
Perennial. Herb. Ht 0.1–0.12 m. Alt 305–671 m. KZN

ERYTHRINA L. 3870000

Compiled by H.F. Glen

(1) Baker. 1871. *FTA* 2: 181–184.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 59.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 112.
(4) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 203.
(5) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1011.
(6) Codd. 1956. *Bothalia* 6: 507–514.
(7) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1412.
(8) Krukoff & Barneby. 1974. *Lloydia* 37: 332–459.
(9) Hennessy. 1976. *The Flowering Plants of Africa* 43: t. 1710.
(10) Hennessy. 1977. *The Flowering Plants of Africa* 44: t. 1737.
(11) Codd. 1977. *The Flowering Plants of Africa* 44: t. 1738.
(12) Hennessy. 1978. *The Flowering Plants of Africa* 44: t. 1754.
(13) Hennessy. 1979. *The Flowering Plants of Africa* 45: t. 1786.
(14) Hennessy. 1985. *The Flowering Plants of Africa* 48: t. 1911.
(15) Hennessy. 1986. *Bothalia* 16: 48–51.
(16) Hennessy. 1991. *Bothalia* 21: 1–25.

***abyssinica** Lam. ex DC.
E. huillensis Welw. ex Baker (8)
E. mossambicensis Sim (8)
E. suberifera Welw. ex Baker (8)
Perennial. Tree. Ht 2–15 m. Alt 950–1100 m. B

acanthocarpa E.Mey.
Perennial. Shrub. Ht 1–2 m. Alt 250–1500 m. EC

baumii in sense of Codd, misapplied name = **E. mendesii**

caffra Thunb.
E. constantiana Micheli (8)
E. fissa C.Presl (8)
Perennial. Tree. Ht 3–18 m. Alt 0–1500 m. KZN, EC

caffra Thunb. var. *mossambicensis* Baker f. = **E. lysistemon**

×**coddii** Barneby & Krukoff
Perennial. Tree. Ht 3–10 m. Alt 100–1500 m. KZN

constantiana Micheli = **E. caffra**

***crista-galli** L.
Micropteryx crista-galli (L.) Walp. (8)
Perennial. Tree. Ht 3–6 m. Alt 1000–1450 m. G, S

decora Harms
Perennial. Tree. Ht 1–7 m. Alt 500–1850 m. N

×**dyeri** Hennessy
Perennial. Tree. Ht 3–15 m. Alt 150–600 m. KZN, EC

fissa C.Presl = **E. caffra**

gibbsae Baker f. = **E. latissima**

×**hennessyae** Barneby & Krukoff
Perennial. Shrub. Ht up to 3 m. Alt 1250–1500 m. LIM, NW

huillensis Welw. ex Baker = **E. abyssinica**

humeana Spreng.
E. humei E.Mey. (8)
E. humei E.Mey. var. *raja* (Meisn.) Harv. (8)
E. princeps A.Dietr. (16)
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 0–1700 m. LIM, M, S, KZN, L, EC

humei E.Mey. = **E. humeana**

humei E.Mey. var. *raja* (Meisn.) Harv. = **E. humeana**

×**johnsoniae** Hennessy
E. latissima E.Mey. × *E. caffra* Thunb. (16)
Perennial. Tree. Ht 5–14 m. Alt 0–250 m. KZN, EC

latissima E.Mey.
E. gibbsae Baker f. (8)
E. sandersoni Harv. (8)
Perennial. Tree. Ht 3–12 m. Alt 150–1550 m. LIM, M, S, KZN, EC

latissima E.Mey. × *E. caffra* Thunb. = **E.** ×**johnsoniae**

lysistemon Hutch.
E. caffra Thunb. var. *mossambicensis* Baker f. (8)
Perennial. Tree. Ht 1.8–10 m. Alt 0–1800 m. B, LIM, NW, G, M, S, KZN, EC

mendesii Torre
E. baumii in sense of Codd, misapplied name (16)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 850–1000 m. N, B

mossambicensis Sim = **E. abyssinica**

princeps A.Dietr. = **E. humeana**

sandersoni Harv. = **E. latissima**

suberifera Welw. ex Baker = **E. abyssinica**

zeyheri Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 300–2050 m. NW, G, M, FS, KZN, L, NC

ERYTHROPHLEUM Afzel. ex G.Don 3471000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 10–13.

africanum (Welw. ex Benth.) Harms
Caesalpinioides africanum (Welw. ex Benth.) Kuntze (1)
E. africanum (Welw. ex Benth.) Harms var. *stenocarpum* Harms (1)
E. pubistamineum Henn. (1)
E. pubistamineum Henn. var. *parvifolium* Schinz (1)
Gleditsia africana Welw. ex Benth. (1)
Perennial. Tree. Ht 4.5–15 m. Alt 900–1400 m. N, B

africanum (Welw. ex Benth.) Harms var. *stenocarpum* Harms = **E. africanum**

guineense G.Don var. *swaziense* Burtt Davy = **E. lasianthum**

lasianthum Corbishley
E. guineense G.Don var. *swaziense* Burtt Davy (1)
E. suaveolens in sense of Compton, misapplied name (1)
Perennial. Tree. Ht 5–23 m. Alt 20–600 m. S, KZN

pubistamineum Henn. = **E. africanum**

pubistamineum Henn. var. *parvifolium* Schinz = **E. africanum**

suaveolens in sense of Compton, misapplied name = **E. lasianthum**

FAGELIA Neck. 3893000

bituminosa (L.) DC., rejected name = **Bolusafra bituminosa**

resinosa A.Rich. = **Rhynchosia resinosa**

FAIDHERBIA A.Chev. 3446010

Compiled by T. Nkonki

(1) Chevalier. 1934. *Revue de Botanique Appliquée et d'Agriculture Tropicale* 14: 876.
(2) Ross. 1975. *FSA* 16,1: 44–46.
(3) Vassal. 1981. In Polhill & Raven, *Advances in Legume Systematics* 1: 169–171.

albida (Delile) A.Chev.
Acacia albida Delile (1)
Acacia mossambicensis Bolle (2)
Perennial. Tree. Ht 3–30 m. Alt 6–1220 m. N, B, LIM, M, KZN

FLEMINGIA Roxb. ex W.T.Aiton 3899000

Compiled by T. Nkonki

(1) Verdcourt. 1971. *FTEA* Leguminosae, Part 4: 805.

grahamiana Wight & Arn.
Perennial. Shrub, herb. Ht 0.9–2 m. Alt 701–1601 m. LIM, M, S, KZN

macrocalyx Baker f. = **Rhynchosia clivorum** var. **clivorum**

GALACTIA P.Browne 3882000

Compiled by T. Nkonki

(1) Verdcourt. 1971. *FTEA* Leguminosae, Part 4: 578.

tenuiflora (Willd.) Wight & Arn. var. **villosa** (Wight & Arn.) Benth.
Perennial. Herb, prostrate or climbing, or shrub. Ht 0.6–1.4 m. Alt 15–1525 m. M, S, KZN

GALEGA L. 3715000

colutea Burm.f. = **Indigofera colutea** var. **colutea**

genistoides Thunb. = **Cyclopia genistoides** var. **genistoides**

genistoides Thunb. var. *β* = **Cyclopia galioides**

grandiflora Aiton = **Tephrosia grandiflora**

lupinifolia Burch. = **Tephrosia lupinifolia**

pallens Aiton = **Tephrosia capensis** var. **capensis**

ternata Thunb. = **Aspalathus ternata**

GENISTA L. 3675000

Compiled by H.F. Glen

(1) Greuter *et al.* 1989. *MedChecklist* 4: 98.
(2) Anon. 2002. ILDIS LegumeWeb. http://biodiversity.soton.ac.uk/LegumeWeb accessed on 29-01-2002.

buxifolia Burm.f. = **Cyclopia buxifolia**

connata (Harv.) Briq. = **Polhillia connata**

involucrata (Thunb.) Briq. = **Polhillia involucrata**

***monspessulana** (L.) L.A.S.Johnson
Cytisus candicans (L.) Lam. (2)
Perennial. Shrub. Ht 1–3 m. Alt 100–250 m. WC

*GLEDITSIA L. 3544000

Compiled by T. Nkonki

(1) King. 1995. *European garden flora* 4: 471.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 117.

africana Welw. ex Benth. = **Erythrophleum africanum**

triacanthos L.
Perennial. Tree, shrub. Ht 3–5.5 m. Alt 0–1500 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

GLYCINE L. 3864000

argentea Thunb. = **Rhynchosia argentea**

bituminosa L. = **Bolusafra bituminosa**

caribaea Jacq. = **Rhynchosia caribaea**

debilis Aiton = **Teramnus labialis** subsp. **labialis**

javanica L. subsp. *javanica* = **Neonotonia wightii**

javanica L. subsp. *micrantha* (Hochst. & A.Rich.) F.J.Herm. = **Neonotonia wightii**

labialis L.f. = **Teramnus labialis** subsp. **labialis**

maranguensis Taub. = **Macrotyloma maranguense**

sublobata Schumach. = **Rhynchosia sublobata**

totta Thunb. = **Rhynchosia totta** var. **totta**

wightii (Wight & Arn.) Verdc. subsp. *wightii* var. *longicauda* (Schweinf.) Verdc. = **Neonotonia wightii**

*GLYCYRRHIZA L. 3769000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 127.
(2) Cullen. 1995. *European garden flora* 4: 510.

glabra L.
G. glandulifera Waldst. & Kit. (1)
Perennial. Herb. Ht 0.5–1 m. Alt 150–1200 m. WC, EC

glandulifera Waldst. & Kit. = **G. glabra**

GOMPHOLOBIUM Smith 3628000

maculatum Andrews = **Cyclopia maculata**

GORSKIA Bolle 3490050

conjugata Bolle = **Guibourtia conjugata**

GUAJACUM L. 3506020

afrum L. = **Schotia afra** var. **afra**

GUIBOURTIA Benn. 3490020

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 19–23.

coleosperma (Benth.) J.Léonard
Copaiba coleosperma (Benth.) Kuntze (1)
Copaifera coleosperma Benth. (1)
Copaiva coleosperma (Benth.) Britton (1)
Perennial. Tree. Ht 4–20 m. Alt 900–1100 m. N, B

conjugata (Bolle) J.Léonard
Copaiba conjugata (Bolle) Kuntze (1)
Copaifera conjugata (Bolle) Milne-Redh. (1)
Copaifera gorskia Schinz (1)
Copaifera gorskiana Benth. (1)
Gorskia conjugata Bolle (1)
Perennial. Tree. Ht 2.5–12 m. Alt 320–520 m. LIM

GUILANDINA L. 3559020

bonduc L. = **Caesalpinia bonduc**

HAEMATOXYLUM L. 3552000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 112–114.

africanum Stephens = **H. dinteri**

dinteri (Harms) Harms
Caesalpinia dinteri Harms (1)
Caesalpinia obovata Schinz (1)
H. africanum Stephens (1)
Perennial. Shrub. Ht 1–2 m. Alt 750–1300 m. N

HALLIA Thunb. 3819000

alata Thunb. = **Psoralea alata**

asarina (P.J.Bergius) Thunb. = **Psoralea asarina**

cordata (L.) Thunb. = **Psoralea monophylla**

filiformis Harv. = **Psoralea cataracta**

flaccida Thunb. = **Psoralea planta**

imbricata (L.) Thunb. = **Psoralea imbricata**

virgata Thunb. = **Psoralea laxa**

HEDYSARUM L. 3778000

canum J.F.Gmel. = **Desmodium incanum**

capense Burm.f. = **Wiborgia obcordata**

gangeticum L. = **Desmodium gangeticum**

incanum Sw. = **Desmodium incanum**

lasiocarpum P.Beauv. = **Desmodium velutinum**

maculatum L. = **Desmodium gangeticum**

nummulariifolium L. = **Indigofera nummulariifolia**

racemosum Aubl. = **Desmodium incanum**

repandum Vahl = **Desmodium repandum**

salicifolium Poir. = **Desmodium salicifolium** var. **salicifolium**

squarrosum Thunb. = **Eriosema squarrosum**

tortuosum Sw. = **Desmodium tortuosum**

vaginale L. = **Alysicarpus vaginalis** var. **vaginalis**

velutinum Willd. = **Desmodium velutinum**

HETEROLATHUS C.Presl 3662030

involucrata (E.Mey.) C.Presl = **Aspalathus fasciculata**

polycephala (E.Mey.) C.Presl = **Aspalathus polycephala** subsp. **polycephala**

suaveolens (Eckl. & Zeyh.) C.Presl = **Aspalathus suaveolens**

HOFFMANNSEGGIA Cav. 3557000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 117–122.

burchellii (DC.) Benth. ex Oliv. subsp. **burchellii**
Caesalpinia melanosticta Spreng. (1)
Melanosticta burchellii DC. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 850–1350 m. N, B, NW, NC

burchellii (DC.) Benth. ex Oliv. subsp. **rubro-violacea** (Baker f.) Brummitt & J.H.Ross
H. rubro-violacea Baker f. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 800–1350 m. B, LIM, NW

lactea (Schinz) Schinz
H. pearsonii E.Phillips (1)
H. sandersonii (Harv.) Engl. var. *lactea* Schinz (1)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 600–1450 m. N, B, NW, NC

pearsonii E.Phillips = **H. lactea**

rubra Engl. = **Caesalpinia rubra**

rubro-violacea Baker f. = **H. burchellii** subsp. **rubro-violacea**

sandersonii (Harv.) Engl.
Melanosticta sandersonii Harv. (1)
Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 600–2000 m. KZN, EC

sandersonii (Harv.) Engl. var. *lactea* Schinz = **H. lactea**

HYPOCALYPTUS Thunb. 3683000

Compiled by T. Nkonki

(1) Dahlgren. 1972. *Botaniska Notiser* 125: 102–125.

capensis (L.) Thunb. = **Virgilia oroboides** subsp. **oroboides**

coluteoides (Lam.) R.Dahlgren
Crotalaria coluteoides Lam. (1)
Crotalaria purpurea Vent. (1)
Perennial. Shrub. Ht 1.5–3 m. Alt 50–1150 m. WC, EC

obcordatus Thunb. = **H. sophoroides**

oxalidifolius (Sims) Baill.
Loddigesia oxalidifolia Sims (1)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 50–1000 m. WC, EC

sophoroides (P.J.Bergius) Baill.
Crotalaria cordifolia L. (1)
H. obcordatus Thunb. (1)
Spartium sophoroides P.J.Bergius (1)
Perennial. Shrub. Ht 1–4 m. Alt 200–1350 m. WC

IBBETSONIA Sims 3620010

genistoides Sims = **Cyclopia genistoides** var. **genistoides**

INDIGASTRUM Jaub. & Spach 3702030

Compiled by T. Nkonki & N. Swelankomo

(1) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 939.
(2) Gillett. 1958. *Kew Bulletin* Add. Ser. 1: 8.
(3) Schrire. 1992. *Bothalia* 22: 165–170.
(4) Schrire. 1995. *Advances in Legume Systematics* 7: 161–224.

argyraeum (Eckl. & Zeyh.) Schrire
Indigofera argyraea Eckl. & Zeyh. (3)
Indigofera burchellii E.Mey. var. *multifolia* E.Mey. (3)
Indigofera burchellii E.Mey. var. *paucifolia* E.Mey. (3)
Indigofera collina Eckl. & Zeyh. (3)
Indigofera nivea Willd. ex Spreng. (4)
Perennial. Herb. Ht up to 0.05 m. Alt 90–1770 m. N, NW, FS, KZN, NC, EC

argyroides (E.Mey.) Schrire
Indigofera argyroides E.Mey. (3)
Indigofera engleri Baker f. (3)
Indigofera saxicola Engl. (3)
Annual. Herb. Ht 0.02–0.5 m. Alt 155–915 m. N, NC, EC

burkeanum (Benth. ex Harv.) Schrire
Indigofera burkeana Benth. ex Harv. in part 'Transvaal' specimens (3)
Perennial. Herb. Ht 0.1–0.7 m. Alt 1372–1800 m. LIM, NW, G, M, FS, KZN

candidissimum (Dinter) Schrire
Indigofera candidissima Dinter (3)
Perennial. Herb. Ht up to 0.15 m. Alt up to 1480 m. N, LIM

costatum (Guill. & Perr.) Schrire subsp. **macrum** (E.Mey.) Schrire
Indigofera costata Guill. & Perr. subsp. *macra* (E.Mey.) J.B.Gillett (3)
Indigofera macra E.Mey. (3)
Annual. Herb. Ht 0.1–0.7 m. Alt 45–1675 m. N, B, LIM, NW, G, M, FS, KZN

costatum (Guill. & Perr.) Schrire subsp. **theuschii** (O.Hoffm.) Schrire (insufficiently known)
Indigofera affinis Harv. (3)
Indigofera burkeana in sense of J.B.Gillett in part excl. 'Transvaal' specimens, misapplied name (3)
Indigofera costata Guill. & Perr. subsp. *theuschii* (O.Hoffm.) J.B.Gillett (3)
Indigofera gonioides Hochst. ex Baker var. *damarensis* Baker f. (3)
Annual. Herb. Ht up to 0.6 m. Alt? N, B, 'CP'

fastigiatum (E.Mey.) Schrire
Indigofera fastigiata E.Mey. (3)
Indigofera fastigiata E.Mey. var. *angustata* Harv. (3)
Indigofera rostrata Conrath (3)
Perennial. Herb. Ht 0.2–0.8 m. Alt 60–3500 m. LIM, NW, M, S, FS, KZN, L, EC

guerranum (Torre) Schrire
Indigofera guerrana Torre (3)
Annual. Herb. Ht up to 0.2 m. Alt? N

parviflorum (B.Heyne ex Wight & Arn.) Schrire subsp. **occidentalis** (J.B.Gillett) Schrire
Indigofera parviflora B.Heyne ex Wight & Arn. var. *occidentalis* J.B.Gillett (3)
Annual. Herb. Ht up to 0.4 m. Alt? N

parviflorum (B.Heyne ex Wight & Arn.) Schrire subsp. **parviflorum** var. **parviflorum**
Indigofera deflexa Hochst. ex A.Rich. (3)
Indigofera parviflora B.Heyne ex Wight & Arn. var. *parviflora* (3)
Annual. Herb. Ht 0.15–5 m. Alt 915–1850 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC

INDIGOFERA L. 3702000

Compiled by T. Nkonki & N. Swelankomo

(1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 751.
(2) Gaertner. 1791. *De fructibus et seminibus plantarum* 2: 317, 318.
(3) Richard. 1847. *Tentamen florae abyssinicae* 1: 178–185.
(4) Harvey & Sonder. 1862. *FC* 2: 163–203.
(5) Baker. 1871. *FTA* 2: 65–103.
(6) Baker. 1877. *Journal of Linnean Society of Botany* 15: 92, 93.
(7) Vatke. 1879. *Österreichishe Botanische Zeitschrift* 29: 221.
(8) Baker. 1887. *Journal of Linnean Society of Botany* 22: 463, 464.
(9) Schinz. 1889. *Verhandlungen des Botanischen Vereins der Provinz Brandenburg* 30: 162.
(10) Baker. 1897. *Kew Bulletin* Nos 128,129: 254–257.
(11) De Wildeman & Durand. 1901. *Annales du Musèe r. du Congo Belge* sér. 3–1: 60.
(12) Baker. 1903. *Journal of Botany, London* 41: 323–334.
(13) Warburg. 1903. *Kunene-Sambesi Expedition* 257, 258.
(14) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381, 382.
(15) Stockholm. 1914. *Wissenschaftliche Ergebnisse der Schwedischen Rhodesia-Kongo-Expedition*. 1: 79.
(16) Baker & Martin. 1923. *Bulletin du Jardin Botanique de État à Bruxelles* 8: 154.
(17) Johnston. 1924. *Contributions from the Gray Herbarium of Harvard University* 73: 35.
(18) Brown. 1925. *Kew Bulletin* 1925: 142–159.
(19) Baker. 1926. *Leguminosae of tropical Africa* 1: 95–166.
(20) Baker. 1935. *Journal of Botany, London* 73: 78.
(21) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 939.
(22) Van Druten. 1957. *The Flowering Plants of Africa* 32: t. 1247.
(23) Gillett. 1958. *Kew Bulletin Additional Series* 1: 67, 68.
(24) Gillett. 1967. *Hooker's Icones Plantarum*. 37: t. 3625.
(25) Gillett. 1970. *Kew Bulletin* 24,3: 465–505.
(26) Merxmüller. 1970. *FSWA* 60: 38–62.
(27) Gillett *et al.* 1971. *FTEA* Leguminosae 3,1: 21.
(28) Ross 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 200.
(29) Gonçalves. 1981. *Garcia de Orto* 5: 90.
(30) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 207–210.
(31) Jarvie & Stirton. 1986. *Bothalia* 16: 230, 231.
(32) Germishuizen. 1987. *Bothalia* 17: 33, 34.
(33) Jarvie & Stirton. 1987. *Bothalia* 17: 1–6.
(34) Schrire. 1991. *Systematic studies in African* Indigofereae (*Leguminosae-Papilionoideae*). Unpublished Ph.D. thesis, University of Natal.
(35) Phillipson. 1992. *South African Journal of Botany* 58,3: 129–132.
(36) Du Puy *et al.* 1993. *Kew Bulletin* 48,4: 727–733.
(37) Germishuizen & Condy. 1997. *Flowering Plants of Africa* 55: 60–63, t. 2131.
(38) Schrire. 1997. *Curtis's Botanical Magazine* 14,4: 213–220.
(39) Schrire. 1998. *Kew Bulletin* 53,3: 651–668.

acanthoclada Dinter
I. longispina Baker f. ex J.B.Gillett (34)
Perennial. Shrub. Ht 0.5–1 m. Alt? N

acanthorhachis Dinter = **Lessertia acanthorhachis**

accepta N.E.Br. = **I. setiflora**

acutifolia Schinz = **Microcharis disjuncta** var. **disjuncta**

acutisepala Conrath ex Baker f. = **I. zeyheri**

adenocarpa E.Mey.
Perennial. Shrub. Ht 0.5–1 m. Alt ?–1740 m. N

adenoides Baker f.
Perennial. Shrub, dwarf shrub, herb, creeper. Ht 0.05–1.2 m. Alt 885–1700 m. N, B, LIM, NW, G, M, KZN

adonensis E.Mey. = **I. poliotes**

adscendens Eckl. & Zeyh. = **I. heterophylla**

aeruginis Schweinf. = **I. trigonelloides**

affinis Harv. = **Indigastrum costatum** subsp. **theuschii**

alopecuroides (Burm.f.) DC. var. **alopecuroides**
I. coriacea Aiton var. *alopecuroides* (Burm.f.) Harv. (34)
Perennial. Shrub, herb, creeper. Ht 0.15–0.91 m. Alt 30–610 m. NC, WC, EC

alopecuroides (Burm.f.) DC. var. *minor* Eckl. & Zeyh. = **I. alopecuroides** var. **minor**

alopecuroides (Burm.f.) DC. var. **minor** E.Mey.
I. alopecuroides (Burm.f.) DC. var. *minor* Eckl. & Zeyh. (34)
I. coriacea Aiton var. *minor* (E.Mey.) Harv. (34)
I. mauritanica (L.) Thunb. var. *minor* E.Mey. (34)
I. microphylla Lam. (34)
Perennial. Dwarf shrub, herb, creeper. Ht 0.15–6 m. Alt 153–1555 m. WC, EC

alopecuroides E.Mey., not of DC. = **I. candolleana**

alopecurus Schltr. = **I. foliosa**

alpina Eckl. & Zeyh.
I. stipularis Link (34)
Perennial. Herb. Ht ?–0.2 m. Alt 610–1824 m. WC, EC

alternans DC. var. **alternans**
I. effusa E.Mey. (23)
I. enneaphylla Eckl. & Zeyh., not of L. (34)
Perennial. Herb. Ht 0.01–2 m. Alt 155–1600 m. N, B, LIM, NW, G, FS, NC, WC, EC

amitina N.E.Br.
Perennial. Shrub, dwarf shrub. Ht 0.6–2 m. Alt 915–1335 m. M, S

amoena Aiton
Perennial. Shrub, herb, climber. Ht 0.1–1.5 m. Alt 122–570 m. NC, WC

amorphoides Jaub. & Spach
Perennial. Herb. Ht up to 1 m. Alt? N

anabibensis A.Schreib.
Annual. Herb. Ht ?–0.05 m. Alt? N

angustata E.Mey.
I. stenophylla Eckl. & Zeyh. (34)
I. zeyheri Spreng. ex Eckl. & Zeyh. var. *trifoliolata* Eckl. & Zeyh. (34)
Perennial. Shrub, dwarf shrub. Ht ?–1.83 m. Alt 305–700 m. EC

angustifolia Curtis, not of L. = **I. verrucosa**

angustifolia L. var. **angustifolia**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–1415 m. WC

angustifolia L. var. *brachystachya* DC. = **I. brachystachya**

angustifolia L. var. **tenuifolia** (Lam.) Harv.
I. leptocaulis Eckl. & Zeyh. (34)
I. strigosa Spreng. (34)
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? M, WC, EC

angustifolia Thunb., not of L. = **I. brachystachya**

angustiloba Baker f. = **I. torulosa** var. **angustiloba**

anil L. = **I. suffruticosa**

annua Milne-Redh.
Annual. Herb. Ht? Alt? N

antennulifera L.Bolus = **I. arenophila**

aphylla Breiter ex Link = **I. filifolia**

aquae-nitentis Bremek.
Perennial. Shrub, dwarf shrub. Ht ?–0.5 m. Alt 200–1100 m. N, LIM, G

arenaria E.Mey. = **I. exigua**

arenophila Schinz
I. antennulifera L.Bolus (23)
Lotononis omahekensis Dinter ex A.Schreib. (26)
Perennial. Herb. Ht ?–0.2 m. Alt? N

argyraea Eckl. & Zeyh. = **Indigastrum argyraeum**

argyroides E.Mey. = **Indigastrum argyroides**

arrecta Benth. ex Harv., not of Hochst. ex A.Rich. = **I. confusa**

arrecta Hochst. ex A.Rich.
I. scopa De Wild. & T.Durand (38)
I. umbonata Welw. ex Baker (38)
Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 10–1403 m. LIM, G, M, S, KZN

arthrophylla Eckl. & Zeyh. = **I. denudata**

astragalina DC.
Perennial. Herb. Ht 0.2–1.2 m. Alt 610–1050 m. N, B, LIM, M

atrata N.E.Br.
Perennial. Herb. Ht 0.1–0.6 m. Alt 900–1890 m. LIM, M

atrinota N.E.Br. = **I. reducta**

auricoma E.Mey.
I. auricoma E.Mey. var. *cuneata* Baker f. (26)
Annual, occ. perennial. Herb. Ht 0.1–1 m. Alt 755–1463 m. N, NC

auricoma E.Mey. var. *cuneata* Baker f. = **I. auricoma**

auricoma E.Mey. var. *hololeuca* (Benth. ex Harv.) J.B.Gillett = **I. hololeuca**

axillaris E.Mey. = **Amphithalea virgata**

bainesii Baker
I. variabilis N.E.Br. in part (23)
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 305–1100 m. N, B, LIM, NW, M, NC

bakeriana Vig. = **I. demissa**

baukeana Vatke = **I. schimperi** var. **baukeana**

baumiana Harms
Perennial. Shrub, dwarf shrub. Ht 0.7–2 m. Alt? N

bifrons E.Mey. = **I. burchellii**

bifrons E.Mey. var. *digitata* E.Mey. = **I. burchellii**

bifrons E.Mey. var. *trifoliata* E.Mey. = **I. meyeriana**

bolusii N.E.Br. = **I. spicata** var. **spicata**

brachystachya (DC.) E.Mey.
I. angustifolia L. var. *brachystachya* DC. (34)
I. angustifolia Thunb., not of L. (34)
Perennial. Dwarf shrub. Ht 0.3–6 m. Alt 3–610 m. WC

brevifolia N.E.Br. = **I. inyangana**

buchananii Burtt Davy
Perennial. Herb. Ht 0.4–0.6 m. Alt 1372–1524 m. LIM, NW, S

burchellii DC.
I. bifrons E.Mey. (34)
I. bifrons E.Mey. var. *digitata* E.Mey. (34)
Perennial. Herb. Ht up to 0.4 m. Alt 915–2300 m. NC, EC

burchellii E.Mey. var. *multifolia* E.Mey. = **Indigastrum argyraeum**

burchellii E.Mey. var. *paucifolia* E.Mey. = **Indigastrum argyraeum**

burkeana Benth. ex Harv. in part, 'Transvaal' specimens = **Indigastrum burkeanum**

burkeana in sense of J.B.Gillett in part, excl. 'Transvaal' specimens, misapplied name = **Indigastrum costatum** subsp. **theuschii**

calva E.Mey. = **I. humifusa**

candicans Aiton
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 5–30 m. EC

candicans E.Mey., not of Aiton = **I. heterophylla**

candicans Sieber = **I. filiformis**

candidissima Dinter = **Indigastrum candidissimum**

candolleana Meisn.
Anila mauritanica (L.) Kuntze var. *oligantha* Kuntze (34)
I. alopecuroides E.Mey., not of DC. (34)
I. coriacea Aiton var. *hirta* Harv. (34)
I. mauritanica (L.) Thunb. var. *erecta* Eckl. & Zeyh. (34)
Perennial. Dwarf shrub, herb. Ht 0.6–0.8 m. Alt 350–519 m. WC

capillaris Thunb.
Perennial. Herb. Ht 0.1–1 m. Alt 185–1525 m. WC

cardiophylla Harv. = **I. meyeriana**

carinata De Wild. = **I. trita** subsp. **subulata**

cecilii N.E.Br.
Perennial. Herb. Ht up to 0.5 m. Alt 1678–2100 m. N, B

centrota Eckl. & Zeyh. = **I. denudata**

charlieriana Schinz var. **charlieriana**
Annual. Herb. Ht 0.1–0.7 m. Alt 885–1370 m. N, B, LIM, M, KZN, NC

charlieriana Schinz var. **lata** J.B.Gillett
Annual. Herb. Ht 0.2–0.4 m. Alt 915–1065 m. N, B, NC

charlieriana Schinz var. **scaberrima** (Schinz) J.B.Gillett
I. charlieriana Schinz var. *sessilis* (Chiov.) J.B.Gillett (34)
I. relaxata N.E.Br. (34)
I. scaberrima Schinz (34)
Annual. Herb. Ht ?–0.3 m. Alt ?–1038 m. N, NC

charlieriana Schinz var. *sessilis* (Chiov.) J.B.Gillett = **I. charlieriana** var. **scaberrima**

cinerascens Eckl. & Zeyh. = **I. zeyheri**

circinnata Benth. ex Harv.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 242–1405 m. B, LIM, NW, G, M

cognata N.E.Br. = **I. vicioides** var. **rogersii**

collina Eckl. & Zeyh. = **Indigastrum argyraeum**

colutea (Burm.f.) Merr. var. **colutea**
Galega colutea Burm.f. (26)
I. consanguinea Klotzsch (23)
I. junodii N.E.Br. (23)
I. seticulosa Harv. (23)
I. viscosa Lam. (23)
Perennial. Herb. Ht 0.05–0.75 m. Alt? N, B, LIM, M

commiphoroides Chiov. = **I. lupatana**

commixta N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt ?–1220 m. NW

comosa N.E.Br.
I. malacostachys Benth. ex Harv. var. *seminuda* N.E.Br. (34)
Perennial. Shrub. Ht 0.3–6 m. Alt 10–2010 m. B, LIM, NW, G, M, FS, NC

compacta N.E.Br. = **I. hilaris** var. **hilaris**

complanata Spreng. = **I. psoraloides**

complicata Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 100–366 m. WC

concava Harv.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–1494 m. WC

confusa Prain & Baker f.
I. arrecta Benth. ex Harv., not of Hochst. ex A.Rich. (34)
I. pretoriana Harms (34)
Perennial. Herb. Ht 0.2–0.5 m. Alt 1250–1700 m. LIM, NW, G, M

consanguinea Klotzsch = **I. colutea** var. **colutea**

coriacea Aiton = **I. mauritanica**

coriacea Aiton var. *alopecuroides* (Burm.f.) Harv. = **I. alopecuroides** var. **alopecuroides**

coriacea Aiton var. *cana* Harv. = **I. mauritanica**

coriacea Aiton var. *hirta* Harv. = **I. candolleana**

coriacea Aiton var. *major* E.Mey. = **I. mauritanica**

coriacea Aiton var. *minor* (E.Mey.) Harv. = **I. alopecuroides** var. **minor**

corniculata E.Mey. = **I. tristis**

coronilloides Jaub. & Spach = **I. trita** subsp. **scabra**

costata Guill. & Perr. subsp. *macra* (E.Mey.) J.B.Gillett = **Indigastrum costatum** subsp. **macrum**

costata Guill. & Perr. subsp. *theuschii* (O.Hoffm.) J.B.Gillett = **Indigastrum costatum** subsp. **theuschii**

crebra N.E.Br.
Perennial. Herb. Ht 0.2–0.3 m. Alt 1000–1700 m. M, S

cryptantha Benth. ex Harv. var. **cryptantha**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 262–1485 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC

cryptantha Benth. ex Harv. var. **occidentalis** Baker f.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 410–1675 m. N, M, NC

cryptantha in sense of A.Schreib., not of Benth. ex Harv., misapplied name = **I. hofmanniana**

cuneifolia Eckl. & Zeyh. var. **angustifolia** Harv.
Perennial. Shrub. Ht ?–1.22 m. Alt? WC, EC

cuneifolia Eckl. & Zeyh. var. **cuneifolia**
I. florida E.Mey. (4)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 600–2135 m. KZN, EC

cunenensis Torre
Perennial. Herb. Ht? Alt? N

cylindrica DC. = **I. frutescens**

cylindrica in sense of E.Mey., misapplied name = **I. jucunda**

cylindrica of author, not of DC., concept invalid = **I. ionii**

cytisoides (L.) L.
I. lotoides of author, not of Lam., also not of E.Mey., concept invalid (34)
I. mucronata Lam. (34)
Psoralea cytisoides L. (34)
Perennial. Shrub. Ht 1–3 m. Alt 20–560 m. WC

daleoides Benth. ex Harv. var. **daleoides**
I. dodecaphylla Ficalho & Hiern (23)
Perennial. Herb. Ht 0.3–2.4 m. Alt 30–1665 m. N, B, LIM, NW, G, M, FS, NC

daleoides Benth. ex Harv. var. **gossweileri** Baker f.
I. hololeuca Benth. ex Harv. var. *angolensis* Baker f. (23)
Perennial. Herb. Ht? Alt? N, B, NW

damarana Merxm. & A.Schreib.
I. wilmaniae Baker f. ex J.B.Gillett (26)
Perennial. Shrub. Ht 0.3–0.4 m. Alt 885–1068 m. N, NC

dealbata Harv. = **I. nigromontana**

declinata E.Mey.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 610–1525 m. WC

***decora** Lindl. (insufficiently known)
Ht? Alt? KZN

deflexa Hochst. ex A.Rich. = **Indigastrum parviflorum** subsp. **parviflorum** var. **parviflorum**

delagoaensis Baker f. ex J.B.Gillett
Perennial. Herb. Ht 0.3–1 m. Alt 75–610 m. M, KZN

demissa Taub.
I. bakeriana Vig. (23)
Annual, occ. perennial. Herb. Ht? Alt? N

densa N.E.Br.
Perennial. Herb. Ht 0.2–0.5 m. Alt 1220–2050 m. M, S

denudata L.f.
I. arthrophylla Eckl. & Zeyh. (34)
I. centrota Eckl. & Zeyh. (34)
I. denudata L.f. var. *dumosa* (E.Mey.) Harv. (34)
I. denudata L.f. var. *luxurians* Harv. (34)
I. denudata L.f. var. *simplicifolia* Harv. (34)
I. dumosa E.Mey. (34)
I. flexuosa Eckl. & Zeyh. (34)
I. kraussiana Meisn. (34)
I. rechodes Eckl. & Zeyh. (34)
I. rigescens E.Mey. var. *inermis* E.Mey. (34)
I. rigescens E.Mey. var. *spinosa* E.Mey. (34)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 5–915 m. EC

denudata L.f. var. *dumosa* (E.Mey.) Harv. = **I. denudata**

denudata L.f. var. *luxurians* Harv. = **I. denudata**

denudata L.f. var. *simplicifolia* Harv. = **I. denudata**

depressa Harv.
Perennial. Herb. Ht? Alt 60–795 m. WC

digitata Thunb.
Perennial. Shrub, herb. Ht 0.2–2 m. Alt 122–1007 m. WC

dillwynioides Benth. ex Harv.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 170–610 m. WC

dimidiata Vogel ex Walp.
Perennial. Herb. Ht 0.1–0.45 m. Alt 370–2745 m. LIM, NW, G, M, FS, KZN, NC, EC

dimorphophylla Schinz = **I. trita** subsp. **subulata**

discolor E.Mey. = **I. procumbens**

disjuncta J.B.Gillett var. *disjuncta* = **Microcharis disjuncta** var. **disjuncta**

dissimilis N.E.Br. = **I. vicioides** var. **rogersii**

disticha Eckl. & Zeyh.
I. enonensis E.Mey. (34)
Perennial. Herb, climber. Ht 0.6–1.2 m. Alt 15–1144 m. EC

divaricata De Wild. = **I. vicioides** var. **vicioides**

dodecaphylla Ficalho & Hiern = **I. daleoides** var. **daleoides**

dolichothyrsa Baker f.
Perennial. Shrub. Ht 0.6–1 m. Alt 400–490 m. N, LIM

dregeana E.Mey.
I. gerrardiana Harv. (34)
Perennial. Dwarf shrub. Ht 0.4–1.2 m. Alt 458–1950 m. M, S, KZN

dumosa E.Mey. = **I. denudata**

echinata Willd. = **I. nummulariifolia**

effusa E.Mey. = **I. alternans** var. **alternans**

egens N.E.Br.
Perennial. Shrub. Ht 0.6–1.2 m. Alt 1068–1525 m. LIM, NW, G, M

elandsbergensis Phillipson
Perennial. Shrub. Ht 0.7–1.5 m. Alt 1525–1640 m. EC

elliptica E.Mey. = **I. pauciflora**

endecaphylla Jacq. var. *angustata* Harv. = **I. spicata** var. **spicata**

engleri Baker f. = **Indigastrum argyroides**

enneaphylla Eckl. & Zeyh., not of L. = **I. alternans** var. **alternans**

enonensis E.Mey. = **I. disticha**

enormis N.E.Br.
Perennial. Herb. Ht 0.2–0.4 m. Alt 460–1433 m. LIM

erecta Eckl. & Zeyh., not of Thunb. = **I. gracilis**

eriocarpa E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.04–6.4 m. Alt 60–1068 m. KZN

eriocarpa E.Mey. var. *williamsonii* Harv. = **I. williamsonii**

evansiana Burtt Davy
I. pauxilla N.E.Br. (34)
Perennial. Herb. Ht ?–0.2 m. Alt 1586–2000 m. G, M, FS, KZN, EC

evansii Schltr.
Perennial. Herb. Ht? Alt 1800–2300 m. KZN

exigua Eckl. & Zeyh.
I. arenaria E.Mey. (34)
Perennial. Herb. Ht 0.04–0.1 m. Alt 190–350 m. NC

falcata E.Mey. = **I. sessilifolia**

falcata E.Mey. var. *glaberrima* E.Mey. = **I. sessilifolia**

falcata E.Mey. var. *pubescens* E.Mey. = **I. sessilifolia**

fastigiata E.Mey. = **Indigastrum fastigiatum**

fastigiata E.Mey. var. *angustata* Harv. = **Indigastrum fastigiatum**

ferruginea Schumach. & Thonn. = **I. hirsuta** var. **hirsuta**

filicaulis Eckl. & Zeyh.
I. subtilis E.Mey. (4)
Perennial. Dwarf shrub. Ht 0.1–0.9 m. Alt 30–1220 m. WC

filifolia Ker Gawl. = **I. filifolia**

filifolia Thunb.
I. aphylla Breiter ex Link (34)
I. filifolia Ker Gawl. (34)
I. juncea DC. (34)
I. nuda (Sims) G.Don (34)
Lebeckia contaminata Ker Gawl., not of Thunb. (34)
Lebeckia contaminata W.T.Aiton, not of Willd. (34)
Lebeckia nuda Sims (34)
Perennial. Shrub. Ht 0.8–2 m. Alt 9–1250 m. WC

filiformis L.f.

I. candicans Sieber (4)
I. filiformis L.f. var. *adscendens* Eckl. & Zeyh. (34)
I. filiformis L.f. var. *planifolia* E.Mey. (34)
I. wynbergensis S.Moore (34)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–600 m. WC

filiformis L.f. var. *adscendens* Eckl. & Zeyh. = **I. filiformis**

filiformis L.f. var. *planifolia* E.Mey. = **I. filiformis**

filipes Benth. ex Harv.
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1 m. Alt 109–1585 m. N, B, LIM, NW, G, M, S, FS, NC

flabellata Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 80–915 m. WC, EC

flavicans Baker
Perennial. Herb. Ht 0.1–1.2 m. Alt 610–3000 m. N, B, LIM, NW, FS, NC

fleckii Baker f. = **I. pechuelii**

flexuosa Eckl. & Zeyh. = **I. denudata**

floribunda N.E.Br.
Perennial. Herb. Ht ?–0.6 m. Alt 151–1370 m. M

florida E.Mey. = **I. cuneifolia** var. **cuneifolia**

foliosa E.Mey.
I. alopecurus Schltr. (34)
I. vestita Harv. (34)
Perennial. Dwarf shrub. Ht 0.8–0.9 m. Alt 175–1983 m. KZN, EC

frondosa N.E.Br.
Perennial. Shrub. Ht 0.4–1 m. Alt 1495–2135 m. NW, G, M, FS, KZN

frutescens L.f.
I. cylindrica DC. (34)
Perennial. Shrub. Ht 1–3 m. Alt 155–1220 m. WC, EC

fulcrata Harv. (insufficiently known) (6)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? 'CP'

fusca G.Don = **I. hirsuta** var. **hirsuta**

gairdnerae Hutch. ex Baker f.
Annual. Herb. Ht ?–0.2 m. Alt? B

galpinii N.E.Br.
Perennial. Herb. Ht 0.2–2 m. Alt 640–1420 m. LIM, M

garkeana of author, not of Vatke, concept invalid = **I. homblei** subsp. **homblei**

gerardiana Wall. ex Baker = **I. heterantha**

gerrardiana Harv. = **I. dregeana**

giessii A.Schreib.
Annual. Herb. Ht up to 0.2 m. Alt? N

gifbergensis C.H.Stirt. & Jarvie
Perennial. Shrub. Ht 0.4–1 m. Alt 762–1200 m. WC

glabella Fourc. = **I. verrucosa**

glaucescens Eckl. & Zeyh.
I. reflexa E.Mey. (34)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 15–305 m. WC, EC

glomerata E.Mey.
Perennial. Dwarf shrub. Ht 0.07–0.2 m. Alt 30–1466 m. WC

goniocarpa Baker f. = **I. lupatana**

gonioides Hochst. ex Baker var. *damarensis* Baker f. = **Indigastrum costatum** subsp. **theuschii**

gracilis Spreng.
I. erecta Eckl. & Zeyh., not of Thunb. (34)
I. setacea E.Mey. (34)
Lotus microphyllus Hook. (34)
Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 3–854 m. WC, EC

grata E.Mey.
Perennial. Shrub. Ht 0.5–0.6 m. Alt ?–3 m. KZN

griquana Schltr. ex Zahlbr. = **I. longebarbata**

grisophylla Fourc.
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt ?–763 m. EC

guerrana Torre = **Indigastrum guerranum**

guthriei Bolus
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 395–915 m. WC

hamulosa Schltr.
Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 15–215 m. WC

hantamensis Diels
Perennial. Dwarf shrub. Ht? Alt 1220–1525 m. WC

hedranophylla Eckl. & Zeyh. = **I. sessilifolia**

hedyantha Eckl. & Zeyh.
I. secunda E.Mey. (34)
Perennial. Herb. Ht 0.05–5 m. Alt 15–2379 m. LIM, NW, G, M, S, FS, KZN, EC

hendecaphylla Jacq.
Perennial. Herb. Ht? Alt 30–137 m. S, KZN

***heterantha** Wall. ex Brandis (insufficiently known) (39)
I. gerardiana Wall. ex Baker (34)

heterophylla Thunb.
I. adscendens Eckl. & Zeyh. (34)
I. candicans E.Mey., not of Aiton (34)
I. heterophylla Thunb. var. *tulbaghensis* Baker f. (34)
Perennial. Dwarf shrub, herb. Ht 0.15–1.5 m. Alt 9–1650 m. NC, WC, EC

heterophylla Thunb. var. *montana* Eckl. & Zeyh. = **I. nigromontana**

heterophylla Thunb. var. *tulbaghensis* Baker f. = **I. heterophylla**

heterotricha DC.
I. rudis N.E.Br. (26)
Perennial. Dwarf shrub, herb. Ht 0.15–1.5 m. Alt 230–2100 m. N, B, LIM, NW, G, M, FS, NC

heterotricha DC. var. *ecklonii* Harv. = **I. poliotes**

heterotricha Eckl. & Zeyh., not of DC. = **I. poliotes**

hilaris Eckl. & Zeyh. var. *drakensbergensis* Baker f. = **I. hilaris** var. **hilaris**

hilaris Eckl. & Zeyh. var. **hilaris**
I. compacta N.E.Br. (34)
I. hilaris Eckl. & Zeyh. var. *drakensbergensis* Baker f. (34)
I. hirta E.Mey. (34)
I. leipzigiae Bremek. (34)
I. patula Baker (23)
I. similis N.E.Br. (23)
I. wentzeliana Harms (23)
Perennial. Herb. Ht 0.1–0.3 m. Alt 45–2288 m. LIM, NW, G, M, S, FS, KZN, EC

hirsuta L. var. **hirsuta**
I. ferruginea Schumach. & Thonn. (23)
I. fusca G.Don (23)
Annual. Herb. Ht 0.22–0.5 m. Alt? N, B, G, FS

hirsuta L. var. *polystachya* Welw. ex Baker = **I. longebarbata**

hirta E.Mey. = **I. hilaris** var. **hilaris**

hispida Eckl. & Zeyh.
I. lotoides E.Mey., not of Lam. (34)
Perennial. Shrub. Ht 1–2 m. Alt 46–793 m. WC, EC

hochstetteri Baker subsp. **streyana** (Merxm.) A.Schreib.
I. senegalensis of author, not of Lam., concept invalid (34)
I. streyana Merxm. (26)
Annual. Herb. Ht ?–0.5 m. Alt 1082–1475 m. N, B, NW, NC

hofmanniana Schinz
I. cryptantha in sense of A.Schreib., not of Benth. ex Harv., misapplied name (38)
I. suffruticosa in sense of J.B.Gillett, not of Mill., misapplied name (38)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.8 m. Alt? N, B

hololeuca Benth. ex Harv.
I. auricoma E.Mey. var. *hololeuca* (Benth. ex Harv.) J.B.Gillett (34)
Annual. Herb. Ht? Alt 20–1006 m. N, NW, NC

hololeuca Benth. ex Harv. var. *angolensis* Baker f. = **I. daleoides** var. **gossweileri**

holubii N.E.Br.
Annual. Herb. Ht 0.05–0.2 m. Alt 520–855 m. N, B, LIM, NW, G, NC, WC

homblei Baker f. & Martin subsp. **homblei**
I. garkeana of author, not of Vatke, concept invalid (34)
Perennial. Shrub. Ht ?–2 m. Alt 915–1675 m. LIM, M, S

humifusa Eckl. & Zeyh.
I. calva E.Mey. (34)
Perennial. Herb. Ht 0.04–0.6 m. Alt 336–1800 m. WC, EC

hybrida N.E.Br.
Perennial. Herb. Ht ?–0.4 m. Alt? M

incana Thunb.
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 30–800 m. NC, WC

incana Thunb. var. *angustistipulata* Baker f. = **I. tomentosa**

ingrata N.E.Br.
Perennial. Herb. Ht ?–0.3 m. Alt 610–795 m. LIM

inhambanensis Klotzsch
I. polycarpa Benth. ex Harv. (28)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–700 m. N, B, LIM, M, KZN, EC

inyangana N.E.Br.
I. brevifolia N.E.Br. (34)
Perennial. Herb. Ht 0.07–0.3 m. Alt 1220–2100 m. M

ionii Jarvie & C.H.Stirt.
I. cylindrica of author, not of DC., concept invalid (34)
Perennial. Herb. Ht 0.3–3.6 m. Alt 60–458 m. WC

jucunda Schrire
I. cylindrica in sense of E.Mey., misapplied name (38)
Perennial. Shrub. Ht 0.8–7 m. Alt 8–3000 m. G, KZN, EC

juncea DC. = **I. filifolia**

junodii N.E.Br. = **I. colutea** var. **colutea**

kraussiana Meisn. = **I. denudata**

krookii Schltr. ex Zahlbr.
I. woodii Bolus var. *parvifolia* Bolus (34)
Perennial. Dwarf shrub, herb. Ht 0.23–3 m. Alt 1220–2200 m. KZN

langebergensis L.Bolus
Perennial. Shrub. Ht 0.3–2 m. Alt 275–500 m. WC

lateritia Bertol. = **I. stricta**

laxeracemosa Baker f.
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–1525 m. LIM, M, KZN

leendertziae N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt? NW

leipzigiae Bremek. = **I. hilaris** var. **hilaris**

lepida N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt ?–915 m. M

leptocarpa Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht? Alt 100–824 m. WC, EC

leptocaulis Eckl. & Zeyh. = **I. angustifolia** var. **tenuifolia**

leptophylla E.Mey. = **I. verrucosa**

limosa L.Bolus
Annual. Herb. Ht ?–0.03 m. Alt ?–1525 m. NC

lobata J.B.Gillett = **Microcharis latifolia**

longebarbata Engl.
I. griquana Schltr. ex Zahlbr. (23)
I. hirsuta L. var. *polystachya* Welw. ex Baker (23)
I. schlechteri Baker f. (28)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1311–2255 m. M, S, FS, KZN, EC

longipes N.E.Br. = **I. tenuissima**

longispina Baker f. ex J.B.Gillett = **I. acanthoclada**

lotoides E.Mey., not of Lam. = **I. hispida**

lotoides of author, not of Lam., also not of E.Mey., concept invalid = **I. cytisoides**

lupatana Baker f.
I. commiphoroides Chiov. (23)
I. goniocarpa Baker f. (23)
Perennial. Shrub. Ht 0.5–2 m. Alt 365–800 m. LIM, M

lyalli Baker subsp. **lyalli**
I. obermeijerae Bremek. (23)
Perennial. Tree, shrub. Ht 1.2–3 m. Alt 1068–1675 m. LIM

lydenburgensis N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.5–0.8 m. Alt 75–1464 m. M, S, KZN

macra E.Mey. = **Indigastrum costatum** subsp. **macrum**

malacostachys Benth. ex Harv. = **I. melanadenia**

malacostachys Benth. ex Harv. var. *macrura* Conrath ex Baker f. = **I. melanadenia**

malacostachys Benth. ex Harv. var. *seminuda* N.E.Br. = **I. comosa**

maritima Baker
Perennial. Herb. Ht? Alt? N, NC

masonae N.E.Br.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1068–1700 m. M

mauritanica (L.) Thunb.
I. coriacea Aiton (39)
I. coriacea Aiton var. *cana* Harv. (34)
I. coriacea Aiton var. *major* E.Mey. (34)
Lotus fruticosus P.J.Bergius (34)
Lotus racemosus Poir. (34)
Ononis mauritanica L. (34)

Perennial. Dwarf shrub. Ht 0.15–0.9 m. Alt 10–1745 m. WC

mauritanica (L.) Thunb. var. *erecta* Eckl. & Zeyh. = **I. candolleana**

mauritanica (L.) Thunb. var. *minor* E.Mey. = **I. alopecuroides** var. **minor**

mearnsii Standl. = **I. swaziensis** var. **swaziensis**

melanadenia Benth. ex Harv.
I. malacostachys Benth. ex Harv. (34)
I. malacostachys Benth. ex Harv. var. *macrura* Conrath ex Baker f. (34)
Perennial. Shrub, herb. Ht 0.4–1.8 m. Alt 230–2100 m. B, LIM, NW, G, M, S, FS, KZN, NC, EC

merxmuelleri A.Schreib.
Perennial. Shrub. Ht ?–0.5 m. Alt? N

meyeriana Eckl. & Zeyh.
I. bifrons E.Mey. var. *trifoliata* E.Mey. (34)
I. cardiophylla Harv. (34)
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 15–1720 m. NC, WC

micrantha E.Mey.
Perennial. Shrub. Ht 0.9–1.5 m. Alt 23–519 m. KZN, EC

microcarpa Desv.
Perennial. Herb. Ht? Alt ?–1007 m. N

microphylla Lam. = **I. alopecuroides** var. **minor**

mimosoides Baker var. **mimosoides**
Annual, occ. perennial. Herb. Ht up to 1 m. Alt? KZN

mischocarpa Schltr.
Perennial. Dwarf shrub. Ht? Alt up to 366 m. WC

mollicoma N.E.Br.
I. nelsonii N.E.Br. (34)
Perennial. Herb. Ht 0.2–1.8 m. Alt 900–1525 m. B, LIM, NW, M

mollis Eckl. & Zeyh.
I. mollis E.Mey. (34)
Perennial. Herb. Ht ?–0.12 m. Alt 155–1900 m. WC, EC

mollis E.Mey. = **I. mollis**

moniliformis Baker f. = **I. ormocarpoides**

monostachya Eckl. & Zeyh.
I. oroboides E.Mey. (34)
Perennial. Dwarf shrub, herb. Ht ?–0.3 m. Alt 854–1738 m. WC, EC

mucronata Lam. = **I. cytisoides**

mundiana Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt ?–30 m. WC

nana Eckl. & Zeyh. = **I. zeyheri**

natalensis Bolus
Perennial. Shrub, dwarf shrub. Ht 1–5 m. Alt 20–1525 m. KZN, EC

nebrowniana J.B.Gillett
I. variabilis N.E.Br. in part (23)
Perennial. Dwarf shrub, herb. Ht 0.2–0.9 m. Alt 915–1525 m. LIM, NW, G

neglecta N.E.Br.
Perennial. Herb. Ht 0.45–6 m. Alt 3–305 m. KZN

nelsonii N.E.Br. = **I. mollicoma**

nigromontana Eckl. & Zeyh.
I. dealbata Harv. (34)
I. heterophylla Thunb. var. *montana* Eckl. & Zeyh. (34)
I. spinescens E.Mey. (34)
Perennial. Shrub, dwarf shrub. Ht 0.05–1.5 m. Alt 395–1680 m. FS, L, NC, WC, EC

nitida Salter = **I. psoraloides**

nivea Willd. ex Spreng. = **Indigastrum argyraeum**

notata N.E.Br. = **I. stricta**

nuda (Sims) G.Don = **I. filifolia**

nudicaulis E.Mey.
Perennial. Shrub. Ht 0.02–1.5 m. Alt ?–300 m. N, NC

nummulariifolia Livera ex Alston
Acanthonotus echinatus (Willd.) Benth. (23)
Hedysarum nummulariifolium L. (26)
I. echinata Willd. (26)
Annual. Herb. Ht ?–0.3 m. Alt ?–485 m. B

obcordata Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.25–1.4 m. Alt 400–610 m. WC

obermeijerae Bremek. = **I. lyalli** subsp. **lyalli**

obscura N.E.Br.
I. stricta L.f. var. *acuta* Harv. (34)
Perennial. Herb. Ht ?–0.3 m. Alt 1740–2000 m. G, M, FS, KZN, EC

oliveri Schweinf. ex Engl. = **I. swaziensis** var. **swaziensis**

oliveri Schweinf. ex Harms = **I. swaziensis** var. **swaziensis**

ormocarpoides Baker
I. moniliformis Baker f. (23)
I. torulosa Baker (23)
Perennial. Shrub. Ht 1.5–3 m. Alt ?–915 m. LIM

oroboides E.Mey. = **I. monostachya**

ovata L.f.
I. sarmentosa L.f. var. *latifolia* Eckl. & Zeyh. (34)
Perennial. Herb. Ht 0.1–0.3 m. Alt 60–1525 m. WC

ovina Harv.
Perennial. Shrub. Ht 0.4–3 m. Alt 1068–1220 m. EC

oxalidea Welw. ex Baker
I. supralevis N.E.Br. (23)
Perennial. Herb. Ht 0.08–2.3 m. Alt 152–1830 m. LIM, NW, G, M, S

oxytropis Benth. ex Harv.
Perennial. Herb. Ht 0.15–0.6 m. Alt 137–1830 m. B, LIM, NW, G, M, KZN

pappei Fourc.
Perennial. Dwarf shrub. Ht 0.3–1.8 m. Alt 245–1131 m. WC

parkeri Baker = **I. spicata** var. **spicata**

parviflora B.Heyne ex Wight & Arn. var. *occidentalis* J.B.Gillett = **Indigastrum parviflorum** subsp. **occidentalis**

parviflora B.Heyne ex Wight & Arn. var. *parviflora* = **Indigastrum parviflorum** subsp. **parviflorum** var. **parviflorum**

patens Eckl. & Zeyh. = **I. sessilifolia**

patula Baker = **I. hilaris** var. **hilaris**

pauciflora Eckl. & Zeyh.
I. elliptica E.Mey. (34)
Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt? EC

pauciflora E.Mey., not of Eckl. & Zeyh. = **I. stricta**

pauxilla N.E.Br. = **I. evansiana**

pearsonii Baker f.
Perennial. Dwarf shrub. Ht? Alt? N

pechuelii Kuntze
I. fleckii Baker f. (34)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 650–1500 m. N, NC

perplexa N.E.Br. = **I. swaziensis** var. **perplexa**

placida N.E.Br.
Anila rupestris (Eckl. & Zeyh.) Kuntze var. *glencoensis* Kuntze (34)
I. rufescens E.Mey. (34)
Perennial. Shrub. Ht 1–1.5 m. Alt 765–1295 m. M, KZN, EC

platypoda E.Mey.
Perennial. Herb. Ht? Alt? WC

podophylla Benth. ex Harv.
Perennial. Herb. Ht 0.3–0.6 m. Alt up to 92 m. KZN

poliotes Eckl. & Zeyh.
I. adonensis E.Mey. (34)
I. heterotricha DC. var. *ecklonii* Harv. (34)
I. heterotricha Eckl. & Zeyh., not of DC. (34)
I. punctata Eckl. & Zeyh., not of Thunb. (34)
I. rupestris Eckl. & Zeyh. (34)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–915 m. WC, EC

polycarpa Benth. ex Harv. = **I. inhambanensis**

pongolana N.E.Br.
Perennial. Shrub, herb, creeper. Ht 0.05–2 m. Alt 855–1525 m. LIM, G

porrecta Eckl. & Zeyh. var. **bicolor** Harv.
Perennial. Herb. Ht? Alt? EC

porrecta Eckl. & Zeyh. var. **porrecta**
Perennial. Herb. Ht ?–0.3 m. Alt 15–153 m. EC

praticola Baker f.
Annual. Herb. Ht ?–0.5 m. Alt ?–1065 m. B, G, NC

pretoriana Harms = **I. confusa**

procumbens E.Mey. = **I. procumbens**

procumbens L.
I. discolor E.Mey. (34)
I. procumbens E.Mey. (34)
I. procumbens L. var. *concolor* Harv. (34)
I. procumbens L. var. *discolor* (E.Mey.) Harv. (34)
Perennial. Herb, climber. Ht 0.05–0.4 m. Alt 3–1525 m. N, NC, EC

procumbens L. var. *concolor* Harv. = **I. procumbens**

procumbens L. var. *discolor* (E.Mey.) Harv. = **I. procumbens**

psammotropha Bolus = **Cyamopsis serrata**

pseudoevansii Hilliard & B.L.Burtt
Perennial. Herb. Ht? Alt? KZN

pseudo-indigofera (Merxm.) J.B.Gillett = **Microcharis galpinii**

psilocarpa Schltr. = **I. sarmentosa**

psoraloides (L.) L.
Cytisus psoraloides L. (34)
I. complanata Spreng. (34)
I. nitida Salter (34)
Perennial. Herb. Ht 0.25–0.8 m. Alt 30–517 m. WC

psoraloides of author, not of (L.) L., concept invalid = **I. racemosa**

punctata Eckl. & Zeyh., not of Thunb. = **I. poliotes**

punctata Thunb. = **I. verrucosa**

pungens E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 91–793 m. N, NC

quinquefolia E.Mey.
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 397–1464 m. WC

racemosa L.
I. psoraloides of author, not of (L.) L., concept invalid (34)
I. trifoliata L. (34)
Perennial. Shrub, herb, climber. Ht 0.22–0.5 m. Alt 15–520 m. WC

radicifera Cronquist
Perennial. Herb. Ht up to 1 m. Alt? B

rautanenii Baker f.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 590–1350 m. N

rechodes Eckl. & Zeyh. = **I. denudata**

reducta N.E.Br.
I. atrinota N.E.Br. (34)
Perennial. Dwarf shrub. Ht 0.03–1.2 m. Alt 305–2010 m. LIM, WC

reflexa E.Mey. = **I. glaucescens**

rehmannii Baker f.
Perennial. Shrub. Ht 0.3–1.2 m. Alt 1220–1525 m. LIM, KZN

relaxata N.E.Br. = **I. charlieriana** var. **scaberrima**

retroflexa Baill. = **I. trita** subsp. **scabra**

rhodantha Fourc.
Perennial. Shrub. Ht 0.3–1 m. Alt 488–549 m. WC

rhytidocarpa Benth. ex Harv. subsp. **rhytidocarpa**
Annual. Herb. Ht 0.1–0.5 m. Alt 305–1555 m. N, B, LIM, NW, G, M, FS, NC, EC

rigescens E.Mey. var. *inermis* E.Mey. = **I. denudata**

rigescens E.Mey. var. *spinosa* E.Mey. = **I. denudata**

ripae N.E.Br.
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–1400 m. NW, M, KZN

rogersii R.E.Fr. = **I. vicioides** var. **rogersii**

rostrata Bolus
Anila zeyheri (Spreng.) Kuntze var. *macrophylla* Kuntze (34)
Perennial. Dwarf shrub, herb. Ht 0.3–1.2 m. Alt 70–2090 m. LIM, G, M, S, FS, KZN, L, EC

rostrata Conrath = **Indigastrum fastigiatum**

rubroglandulosa Germish.
Perennial. Herb. Ht 0.12–0.3 m. Alt 180–763 m. M, KZN, EC

rudis N.E.Br. = **I. heterotricha**

rufescens E.Mey. = **I. placida**

rupestris Eckl. & Zeyh. = **I. poliotes**

sanguinea N.E.Br.
Perennial. Herb. Ht ?–0.6 m. Alt 290–2195 m. LIM, G, M, S, FS, KZN

sarmentosa L.f.
I. psilocarpa Schltr. (34)
I. sarmentosa L.f. var. *trifoliata* E.Mey. (34)
Lotus filiformis P.J.Bergius (34)
Ononis filiformis L. (34)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 100–1500 m. WC

sarmentosa L.f. var. *latifolia* Eckl. & Zeyh. = **I. ovata**

sarmentosa L.f. var. *trifoliata* E.Mey. = **I. sarmentosa**

saxicola Engl. = **Indigastrum argyroides**

scaberrima Schinz = **I. charlieriana** var. **scaberrima**

scabra Roth = **I. trita** subsp. **scabra**

schimperi Jaub. & Spach var. **baukeana** (Vatke) J.B.Gillett
I. baukeana Vatke (26)
Perennial. Herb. Ht ?–1.3 m. Alt 610–1850 m. N, LIM

schimperi Jaub. & Spach var. **schimperi**
I. tettensis Klotzsch (26)
Perennial. Shrub. Ht 0.15–1 m. Alt 30–1100 m. N, B, LIM, NW, M, S, KZN

schinzii N.E.Br.
Perennial. Herb. Ht 0.3–0.9 m. Alt 120–3000 m. LIM, M, S

schlechteri Baker f. = **I. longebarbata**

scopa De Wild. & T.Durand = **I. arrecta**

secunda E.Mey. = **I. hedyantha**

semlikiensis Robyns & Boutique = **I. vicioides** var. **vicioides**

senegalensis of author, not of Lam., concept invalid = **I. hochstetteri** subsp. **streyana**

sessilifolia DC.
I. falcata E.Mey. (23)
I. falcata E.Mey. var. *glaberrima* E.Mey. (34)
I. falcata E.Mey. var. *pubescens* E.Mey. (34)
I. hedranophylla Eckl. & Zeyh. (34)
I. patens Eckl. & Zeyh. (26)
Perennial. Dwarf shrub, herb. Ht 0.15–0.9 m. Alt 230–2000 m. N, NW, FS, NC, EC

setacea E.Mey. = **I. gracilis**

seticulosa Harv. = **I. colutea** var. **colutea**

seticulosa Harv. var. *luxurians* Bolus = **I. setosa**

setiflora Baker
I. accepta N.E.Br. (23)
Perennial. Herb. Ht 0.3–1.2 m. Alt 670–1500 m. LIM, G

setosa N.E.Br.
I. seticulosa Harv. var. *luxurians* Bolus (34)
Perennial. Dwarf shrub, herb. Ht ?–0.45 m. Alt 305–610 m. LIM, KZN

setulosa Bertol. = **I. verrucosa**

similis N.E.Br. = **I. hilaris** var. **hilaris**

sordida Benth. ex Harv.
Perennial. Herb. Ht 0.2–0.9 m. Alt 305–1650 m. N, B, LIM, NW, G, M, FS, NC

spicata Forssk. var. **spicata**
I. bolusii N.E.Br. (28)
I. endecaphylla Jacq. var. *angustata* Harv. (28)
I. parkeri Baker (23)
Perennial. Shrub, herb, creeper. Ht 0.02–1 m. Alt 1–1400 m. LIM, NW, G, M, S, KZN, EC

spinescens E.Mey. = **I. nigromontana**

stenophylla Eckl. & Zeyh. = **I. angustata**

stipularis Link = **I. alpina**

streyana Merxm. = **I. hochstetteri** subsp. **streyana**

stricta L.f.
I. lateritia Bertol. (34)
I. notata N.E.Br. (34)
I. pauciflora E.Mey., not of Eckl. & Zeyh. (4)
Tephrosia stricta (L.f.) Pers. (34)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 0.6–1281 m. WC, EC

stricta L.f. var. *acuta* Harv. = **I. obscura**

stricta L.f. var. *pedunculata* Eckl. & Zeyh. = **I. zeyheri**

strigosa Spreng. = **I. angustifolia** var. **tenuifolia**

subcorymbosa Baker var. *eylesii* Baker f. = **I. subcorymbosa** var. **subcorymbosa**

subcorymbosa Baker var. **subcorymbosa**
I. subcorymbosa Baker var. *eylesii* Baker f. (38))
Perennial. Shrub. Ht 1–4 m. Alt 462–946 m. LIM

subincana N.E.Br. = **I. trita** subsp. **subulata**

subtilis E.Mey. = **I. filicaulis**

subulata Vahl ex Poir. = **I. trita** subsp. **subulata**

subulata Vahl ex Poir. var. *scabra* (Roth) Meikle = **I. trita** subsp. **scabra**

suffruticosa in sense of A.E.Gonç., not of Mill. = **I. tinctoria** var. **arcuata**

suffruticosa in sense of J.B.Gillett, not of Mill., misapplied name = **I. hofmanniana**

suffruticosa Mill.
I. anil L. (34)
Perennial. Shrub. Ht? Alt? N, B

sulcata DC.
Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 61–1220 m. EC

superba C.H.Stirt.
Perennial. Shrub. Ht 0.5–3 m. Alt 100–366 m. WC

supralevis N.E.Br. = **I. oxalidea**

swaziensis Bolus var. **perplexa** (N.E.Br.) J.B.Gillett
I. perplexa N.E.Br. (23)
Perennial. Shrub. Ht 0.6–2.4 m. Alt 457–1050 m. LIM, M, S

swaziensis Bolus var. **swaziensis**
I. mearnsii Standl. (23)
I. oliveri Schweinf. ex Engl. (23)
I. oliveri Schweinf. ex Harms (23)
Perennial. Shrub. Ht 0.02–2 m. Alt 1220–1525 m. LIM, G, M, S, KZN

teixeirae Torre
Annual. Herb. Ht 0.07–1 m. Alt 700–1068 m. N

tenuicaulis Klotzsch = **I. vicioides** var. **vicioides**

tenuissima E.Mey.
Anila tenuifolia (Lam.) Kuntze var. *filifolia* Kuntze (34)
I. longipes N.E.Br. (34)
Annual. Herb. Ht 0.3–1.7 m. Alt 2–1400 m. FS, KZN

tetragonoloba E.Mey. = **I. trita** subsp. **subulata**

tettensis Klotzsch = **I. schimperi** var. **schimperi**

thesioides Jarvie & C.H.Stirt.
Perennial. Shrub. Ht up to 0.4 m. Alt up to 700 m. WC

tinctoria L. var. **arcuata** J.B.Gillett
I. suffruticosa in sense of A.E.Gonç., not of Mill. (38)
Perennial. Herb. Ht 0.6–2 m. Alt 198–940 m. B, G, M, S

tomentosa Eckl. & Zeyh.
I. incana Thunb. var. *angustistipulata* Baker f. (34)
Perennial. Herb. Ht 0.3–0.6 m. Alt 9–90 m. EC

torulosa Baker = **I. ormocarpoides**

torulosa E.Mey. var. **angustiloba** (Baker f.) J.B.Gillett
I. angustiloba Baker f. (23)
Annual. Herb. Ht 0.1–0.3 m. Alt 739–1678 m. LIM, NW, G, M, EC

torulosa E.Mey. var. **torulosa**
Annual. Herb. Ht 0.1–0.3 m. Alt 60–1370 m. N, B, LIM, NW, M, FS, KZN, EC

transvaalensis Baker f. = **I. vicioides** var. **vicioides**

trifoliata L. = **I. racemosa**

trifolioides Baker f.
Perennial. Herb. Ht? Alt 610–1678 m. KZN, EC

trigonelloides Jaub. & Spach
I. aeruginis Schweinf. (23)
Annual. Herb. Ht 0.18–0.25 m. Alt 1252–1460 m. N, B

triquetra E.Mey.
Perennial. Herb. Ht 0.7–1.5 m. Alt ?–305 m. WC

tristis E.Mey.
I. corniculata E.Mey. (34)
Perennial. Shrub, dwarf shrub, herb. Ht 0.09–1.8 m. Alt 30–2300 m. M, FS, KZN, WC, EC

tristoides N.E.Br.
Perennial. Shrub. Ht 0.15–2 m. Alt 155–1980 m. LIM, G, M, S, FS, KZN, L

trita L.f. subsp. **scabra** (Roth) de Kort & G.Thijsse
I. coronilloides Jaub. & Spach (27)
I. retroflexa Baill. (27)
I. scabra Roth (27)
I. subulata Vahl ex Poir. var. *scabra* (Roth) Meikle (34)
I. trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *scabra* (Roth) Ali (34)
I. trita L.f. var. *scabra* (Vahl ex Poir.) Ali (34)
Perennial. Shrub. Ht 0.5–2 m. Alt 633–1123 m. LIM, M

trita L.f. subsp. **subulata** (Vahl ex Poir.) Ali
I. carinata De Wild. (23)
I. dimorphophylla Schinz (26)
I. subincana N.E.Br. (34)
I. subulata Vahl ex Poir. (26)
I. tetragonoloba E.Mey. (34)
I. trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *subulata* (34)
I. trita L.f. var. *subulata* (Vahl ex Poir.) Ali (34)
Perennial. Shrub. Ht 0.15–1 m. Alt 5–1158 m. N, B, LIM, NW, G, M, S, KZN

trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *scabra* (Roth) Ali = **I. trita** subsp. **scabra**

trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *subulata* = **I. trita** subsp. **subulata**

trita L.f. var. *scabra* (Vahl ex Poir.) Ali = **I. trita** subsp. **scabra**

trita L.f. var. *subulata* (Vahl ex Poir.) Ali = **I. trita** subsp. **subulata**

umbonata Welw. ex Baker = **I. arrecta**

varia E.Mey. = **I. vicioides** var. **rogersii**

variabilis N.E.Br. in part = **I. bainesii**

variabilis N.E.Br. in part = **I. nebrowniana**

velutina E.Mey.
Perennial. Herb. Ht 0.15–0.8 m. Alt 90–1664 m. LIM, M, S, KZN, EC

venusta Eckl. & Zeyh.
Perennial. Herb. Ht 0.3–0.5 m. Alt 305–780 m. NC, WC

verrucosa Eckl. & Zeyh.
I. angustifolia Curtis, not of L. (34)
I. glabella Fourc. (34)
I. leptophylla E.Mey. (34)
I. punctata Thunb. (34)
I. setulosa Bertol. (34)
I. zeyheri Spreng. ex Eckl. & Zeyh. var. *leptophylla* (E.Mey.) Harv. (34)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 15–690 m. KZN, WC, EC

vestita Harv. = **I. foliosa**

vicioides Jaub. & Spach var. **rogersii** (R.E.Fr.) J.B.Gillett
I. cognata N.E.Br. (23)
I. dissimilis N.E.Br. (34)
I. rogersii R.E.Fr. (23)
I. varia E.Mey. (34)
Perennial. Herb. Ht 0.2–0.9 m. Alt 7–1594 m. LIM, NW, M, S, KZN

vicioides Jaub. & Spach var. **vicioides**
I. divaricata De Wild. (23)
I. semlikiensis Robyns & Boutique (23)
I. tenuicaulis Klotzsch (23)
I. transvaalensis Baker f. (26)
Perennial. Herb. Ht 0.1–0.6 m. Alt 62–1670 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

viminea E.Mey. = **I. zeyheri**

viscosa Lam. = **I. colutea** var. **colutea**

wentzeliana Harms = **I. hilaris** var. **hilaris**

williamsonii (Harv.) N.E.Br.
I. eriocarpa E.Mey. var. *williamsonii* Harv. (28)
Perennial. Dwarf shrub, herb. Ht 0.4–0.9 m. Alt 6–763 m. KZN, EC

wilmaniae Baker f. ex J.B.Gillett = **I. damarana**

woodii Bolus var. *intermedia* Bolus = **I. woodii** var. **woodii**

woodii Bolus var. **laxa** Bolus
Perennial. Shrub, herb. Ht? Alt up to 550 m. KZN

woodii Bolus var. *parvifolia* Bolus = **I. krookii**

woodii Bolus var. **woodii**
I. woodii Bolus var. *intermedia* Bolus (34)
Perennial. Shrub, herb. Ht 0.3–0.4 m. Alt 549–2044 m. KZN, EC

wynbergensis S.Moore = **I. filiformis**

zeyheri Spreng. ex Eckl. & Zeyh.
Anila zeyheri (Spreng.) Kuntze var. *normalis* Kuntze (34)
I. acutisepala Conrath ex Baker f. (34)
I. cinerascens Eckl. & Zeyh. (34)
I. nana Eckl. & Zeyh. (34)
I. stricta L.f. var. *pedunculata* Eckl. & Zeyh. (34)
I. viminea E.Mey. (34)
Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 24–1693 m. LIM, NW, G, M, FS, KZN, EC

zeyheri Spreng. ex Eckl. & Zeyh. var. *leptophylla* (E.Mey.) Harv. = **I. verrucosa**

zeyheri Spreng. ex Eckl. & Zeyh. var. *trifoliolata* Eckl. & Zeyh. = **I. angustata**

INGA Scop. 3436000

fastigiata (E.Mey.) Oliv. = **Albizia adianthifolia** var. **adianthifolia**

mellifera (Vahl) Willd. = **Acacia mellifera** subsp. **mellifera**

sericocephala A.Rich. = **Albizia amara** subsp. **sericocephala**

INGENHOUSSIA E.Mey. 3644030

micrantha E.Mey. = **Amphithalea micrantha**

rosea E.Mey. = **Amphithalea perplexa**

rugosa E.Mey. = **Amphithalea ciliaris**

tortilis E.Mey. = **Amphithalea tortilis**
violacea E.Mey. = **Amphithalea violacea**

INTSIA Thouars 3510000

quanzensis (Welw.) Kuntze = **Afzelia quanzensis**

JACKSONAGO Kuntze 3661010

armata (Thunb.) Kuntze = **Wiborgia mucronata**
cuspidata (E.Mey.) Kuntze = **Wiborgia incurvata**
flexuosa (E.Mey.) Kuntze = **Wiborgia fusca** subsp. **fusca**
fusca (Thunb.) Kuntze = **Wiborgia fusca** subsp. **fusca**
obcordata (P.J.Bergius) Kuntze = **Wiborgia obcordata**
sericea (Thunb.) Kuntze = **Wiborgia sericea**
tetraptera (E.Mey.) Kuntze = **Wiborgia tetraptera**

JULBERNARDIA Pellegr. 3516020

Compiled by T. Nkonki & N. Swelankomo

(1) Ross. 1977. *FSA* 16,2: 43–45.

globiflora (Benth.) Troupin
Perennial. Tree, shrub. Ht 10–15 m. Alt? B

KOTSCHYA Endl. 3796010

Compiled by T. Nkonki & N. Swelankomo

(1) Wild. 1964. *Kirkia* 4: 159.
(2) Verdcourt. 1970. *Kew Bulletin* 24,1: 17–39.

parvifolia (Burtt Davy) Verdc.
Smithia parvifolia Burtt Davy (2)
Smithia thymodora Baker f. (2)
Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt 1220–1920 m. LIM, M, S

thymodora (Baker f.) Wild subsp. **thymodora**
Perennial. Shrub. Ht 0.7–1.5 m. Alt 915–1980 m. LIM, M

LABLAB Adans. 3909000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 409–411.

niger Medik. = **L. purpureus** subsp. **purpureus**

***purpureus** (L.) Sweet subsp. **purpureus**
Dolichos lablab L. (1)
Dolichos purpureus L. (1)
L. niger Medik. (1)
L. vulgaris Savi (1)
Perennial. Climber. Ht ?–5 m. Alt ?–1067 m. N, B, WC, EC

purpureus (L.) Sweet subsp. **uncinatus** Verdc.
Dolichos uncinatus Schweinf. (1)
L. uncinatus A.Rich. (1)
Perennial. Herb, climber. Ht 0.2–2.2 m. Alt 10–2000 m. N, LIM, NW, G, M, S, FS, KZN, WC, EC

uncinatus A.Rich. = **L. purpureus** subsp. **uncinatus**
vulgaris Savi = **L. purpureus** subsp. **purpureus**

LATHRIOGYNA Eckl. & Zeyh. 3645000

candicans Eckl. & Zeyh. = **Amphithalea imbricata**
parvifolia Eckl. & Zeyh. = **Amphithalea tomentosa**

LEBECKIA Thunb. 3660000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 82–89.
(2) Merxmüller. 1970. *FSWA* 60: 64–68.
(3) Dahlgren. 1975. *Opera Botanica* 38: 70–81.

acanthoclada Dinter
L. spathulifolia Dinter (2)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 80–1300 m. N, NC

angustifolia E.Mey. = **L. multiflora**

armata E.Mey. = **L. spinescens**

armata Thunb. = **Wiborgia mucronata**

bowieana Benth.
Perennial. Shrub. Ht 0.2–2 m. Alt? NC

candicans Dinter = **L. dinteri**

canescens E.Mey. = **L. multiflora**

carnosa (E.Mey.) Druce
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–0.7 m. Alt 30–1465 m. NC, WC

cinerea E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 130–340 m. N, NC, WC

contaminata Ker Gawl., not of Thunb. = **Indigofera filifolia**

contaminata (L.) Thunb.
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–45 m. WC

contaminata W.T.Aiton, not of Willd. = **Indigofera filifolia**

cytisoides Thunb.
Crotalaria pulchella Andrews (1)
Perennial. Shrub. Ht 0.5–3 m. Alt 45–915 m. NC, WC

decipiens E.Mey. = **L. sericea**

decutiens E.Mey. = **L. multiflora**

dinteri Harms
L. candicans Dinter (2)
Perennial. Shrub. Ht ?–1.3 m. Alt ?–1300 m. N

fasciculata Benth.
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt? WC

flexuosa E.Mey. = **L. sericea**

grandiflora Benth.
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–1350 m. NC, WC

halenbergensis Merxm. & A.Schreib.
Perennial. Shrub. Ht 0.6–1 m. Alt 360–760 m. N, NC

humilis Thunb. = **Wiborgia humilis**

inflata Bolus
Perennial. Herb. Ht 0.15–0.25 m. Alt 41–793 m. WC

leipoldtiana Schltr. ex R.Dahlgren
Perennial. Shrub. Ht 0.5–1 m. Alt 619–800 m. NC, WC

leptophylla Benth.
Perennial. Dwarf shrub. Ht ?–0.25 m. Alt? WC

leucoclada Schltr. = **Lotononis densa** subsp. **leucoclada**

linearifolia E.Mey.
Perennial. Shrub. Ht 0.3–3 m. Alt 400–1370 m. N, NC, WC

linearis (Burm.f.) DC. = **Aspalathus linearis**

longipes Bolus
Perennial. Herb. Ht 0.3–0.6 m. Alt 458–1830 m. WC

lotonoides Schltr.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–460 m. NC, WC

macowanii Salter
Perennial. Dwarf shrub. Ht? Alt? WC

macrantha Harv.
Perennial. Shrub. Ht 0.5–2.5 m. Alt 900–2135 m. N, B, NC, EC

melilotoides R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–610 m. NC, WC

meyeriana Eckl. & Zeyh.
Perennial. Herb. Ht 0.3–0.4 m. Alt 20–488 m. WC

microphylla E.Mey. = **Lotononis caerulescens**

mucronata Benth.
Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 100–765 m. FS, WC, EC

multiflora E.Mey.
L. angustifolia E.Mey. (1)
L. canescens E.Mey. (1)
L. decutiens E.Mey. (1)
L. parvifolia (Schinz) Harms (2)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 4–880 m. N, NC, EC

nuda Sims = **Indigofera filifolia**

obovata Schinz
Perennial. Shrub. Ht ?–1.5 m. Alt? N

parvifolia (Schinz) Harms = **L. multiflora**

pauciflora Eckl. & Zeyh.
Perennial. Herb. Ht 0.45–0.6 m. Alt 122–2000 m. WC

plukenetiana E.Mey.
Perennial. Herb. Ht 0.3–0.5 m. Alt 15–500 m. WC

psiloloba Walp.
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 30–900 m. WC, EC

pungens Thunb.
Perennial. Shrub. Ht 1.2–1.6 m. Alt 793–884 m. WC

sepiaria Benth. = **L. simsiana**

sepiaria Thunb.
Perennial. Herb. Ht 0.15–0.3 m. Alt 210–700 m. WC, EC

sericea Thunb.
L. decipiens E.Mey. (1)
L. flexuosa E.Mey. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 5–1200 m. NC, WC

sessilifolia (Eckl. & Zeyh.) Benth.
Acanthobotrya sessilifolia Eckl. & Zeyh. (3)
Wiborgia grandiflora E.Mey. (3)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 60–300 m. WC

simsiana Eckl. & Zeyh.
L. sepiaria Benth. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 60–915 m. WC

spathulifolia Dinter = **L. acanthoclada**

spinescens Harv.
L. armata E.Mey. (1)
Perennial. Shrub. Ht 0.15–1.5 m. Alt 5–1100 m. N, NC, WC

waltersii C.H.Stirt. = **Polhillia obsoleta**

wrightii (Harv.) Bolus
Perennial. Herb. Ht 0.2–0.4 m. Alt 185–853 m. WC

LEOBORDEA Delile 3657050

abyssinica Hochst. ex A.Rich. = **Lotononis platycarpa**

platycarpa Viv. = **Lotononis platycarpa**

*LESPEDEZA Michx. 3820000

Compiled by T. Nkonki & N. Swelankomo

(1) Schrire. 1988. *Bothalia* 18: 19, 20.
(2) Cullen. 1995. *European garden flora* 4,2: 494, 495.

cuneata (Dum.Cours.) G.Don
L. sericea (Thunb.) Miqs. (1)
Perennial. Dwarf shrub, herb. Ht 0.8–1 m. Alt ?–763 m. M, KZN

sericea (Thunb.) Miq. = **L. cuneata**

LESSERTIA DC. 3756000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 213–224.
(2) Bolus. 1915. *Annals of Bolus Herbarium* 1,3: 87–96.
(3) Dinter. 1932. *Repertorium specierum novarum regni vegitabilis* 30: 201, 202.
(4) Schreiber. 1970. *FSWA* 60: 68–72.
(5) Germishuizen. 1992. *Bothalia* 22: 189, 190.
(6) Balkwill & Balkwill. 1999. *South African Journal of Botany* 65: 339–356.

acanthorhachis (Dinter) Dinter
Indigofera acanthorhachis Dinter (3)
Perennial. Shrub. Ht 0.5–1 m. Alt ?–150 m. N

acuminata E.Mey. = **L. physodes**

affinis Burtt Davy
Perennial. Herb. Ht ?–0.3 m. Alt 641–1760 m. M, FS

annularis Burch.
Annual, occ. perennial. Herb. Ht 0.1–0.8 m. Alt 650–1373 m. N, FS, NC, WC, EC

argentea Harv.
L. villosa E.Mey. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 6–153 m. WC

astragalina Pappe = **L. pappeana**

benguellensis Baker f.
L. emarginata Schinz (4)
L. emarginata Schinz var. *angustifolia* A.Schreib. (4)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1128–1800 m. N, B, NC, WC

brachypus Harv.
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 250–900 m. N, NC

brachystachya DC.
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 3–549 m. KZN, WC, EC

candida E.Mey.
Perennial. Shrub. Ht 0.3–0.4 m. Alt ?–10 m. N, NC

capensis (P.J.Bergius) Druce
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 6–763 m. WC

capitata E.Mey.
Perennial. Herb. Ht 0.03–0.25 m. Alt 15–702 m. FS, NC, WC

carnosa Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? EC

contracta M.Balkwill
Perennial. Dwarf shrub. Ht? Alt ?–100 m. KZN

cryptantha Dinter
Perennial. Herb. Ht? Alt? N

depressa Harv.
Perennial. Dwarf shrub. Ht 0.08–0.6 m. Alt 1205–1586 m. NW, M, FS, L, NC, WC, EC

diffusa R.Br.
Perennial. Herb. Ht 0.05–0.45 m. Alt 122–1140 m. N, NC, WC

dykei L.Bolus
Perennial. Herb. Ht 0.15–1.2 m. Alt 2440–3203 m. FS

emarginata Schinz = **L. benguellensis**

emarginata Schinz var. *angustifolia* A.Schreib. = **L. benguellensis**

eremicola Dinter
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt? N

excisa DC.
Perennial. Herb. Ht 0.2–0.4 m. Alt ?–153 m. NC, WC

falciformis DC.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N, B, NC

flanaganii L.Bolus
Perennial. Herb. Ht 0.8–1 m. Alt ?–610 m. EC

flexuosa E.Mey.
Perennial. Shrub. Ht 0.9–2 m. Alt 1159–1450 m. WC

fruticosa Lindl.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 458–976 m. NC

glabricaulis L.Bolus
Perennial. Herb. Ht ?–0.6 m. Alt? L

globosa L.Bolus
Perennial. Herb. Ht? Alt ?–92 m. WC

harveyana L.Bolus
Perennial. Herb. Ht 0.4–1 m. Alt 5–2227 m. KZN, EC

herbacea (L.) Druce
Annual, occ. perennial. Herb. Ht 0.03–1 m. Alt 30–961 m. L, WC

incana Schinz
Perennial. Dwarf shrub. Ht 0.02–0.7 m. Alt? N, NC

inflata Harv.
L. versicaria E.Mey. (1)
Perennial. Herb. Ht 0.1–0.2 m. Alt 1676–2000 m. NC, EC

ingeliensis M.Balkwill
Annual, occ. perennial. Herb. Ht ?–0.2 m. Alt 1800–1983 m. KZN

kensitii L.Bolus
Perennial. Herb. Ht ?–0.4 m. Alt ± 6 m. EC

lanata Harv.
Perennial. Shrub. Ht ?–1.6 m. Alt ?–580 m. WC

macroflora M.Balkwill
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 250–366 m. KZN

macrostachya DC. var. **macrostachya**
Perennial. Dwarf shrub, herb. Ht 0.01–0.8 m. Alt ?–1037 m. N, B, NC

margaritacea E.Mey.
Perennial. Shrub. Ht 0.9–1 m. Alt 120–610 m. WC

microcarpa E.Mey.
Perennial. Herb. Ht? Alt ?–1220 m. NC

miniata Salter
Perennial. Herb. Ht 0.2–1 m. Alt 3–198 m. WC

mossii R.G.N.Young
Perennial. Herb. Ht? Alt? G

muricata Salter
Perennial. Herb. Ht 0.2–0.5 m. Alt? WC

pappeana Harv.
L. astragalina Pappe (1)
Perennial. Herb. Ht 0.3–0.4 m. Alt ?–763 m. WC

parviflora Harv.
Perennial. Herb. Ht? Alt ?–305 m. WC

pauciflora Harv. var. **pauciflora**
Perennial. Herb. Ht 0.2–1.2 m. Alt? N, B, LIM, NW, FS, NC, WC, EC

pauciflora Harv. var. **schlechteri** L.Bolus
L. schlechteri L.Bolus (2)
Perennial. Herb. Ht? Alt 372–1373 m. WC

perennans (Jacq.) DC. var. **perennans**
Perennial. Dwarf shrub, herb. Ht 0.6–1.6 m. Alt 366–2325 m. LIM, G, M, FS, KZN, L, NC, EC

perennans (Jacq.) DC. var. **polystachya** (Harv.) L.Bolus
L. polystachya Harv. (2)
Perennial. Dwarf shrub, herb. Ht 0.1–1.5 m. Alt 1220–2440 m. NW, G, FS, KZN, L, NC, WC, EC

perennans (Jacq.) DC. var. **sericea** L.Bolus
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 1800–2074 m. M, FS, KZN, EC

phillipsiana Burtt Davy
Perennial. Herb. Ht? Alt ?–1693 m. NW, G

physodes Eckl. & Zeyh.
L. acuminata E.Mey. (1)
L. tumida Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht ?–0.45 m. Alt 30–656 m. EC

polystachya Harv. = **L. perennans** var. **polystachya**

prostata DC.
Colutea prostrata Thunb. (1)
Perennial. Herb. Ht? Alt 650–1403 m. B, LIM, G, FS, EC

rigida E.Mey.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 30–76 m. WC

schlechteri L.Bolus = **L. pauciflora** var. **schlechteri**

sneeuwbergensis Germish.
Annual. Herb. Ht 0.03–0.2 m. Alt 1678–1982 m. EC

spinescens E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–8 m. Alt 610–1200 m. NC

stenoloba E.Mey.
Perennial. Herb. Ht ?–0.3 m. Alt 15–610 m. WC, EC

stipulata Baker f.
Perennial. Dwarf shrub. Ht? Alt? FS

stipulata Baker = **Astragalus atropilosulus** subsp. **burkeanus** var. **burkeanus**

stricta L.Bolus
Perennial. Herb. Ht 0.5–1 m. Alt 1678–2005 m. LIM, NW, G, M, S, FS, KZN, L, EC

tenuifolia E.Mey.
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–1403 m. FS, EC

thodei L.Bolus
Perennial. Herb. Ht 0.1–0.6 m. Alt 2135–3279 m. M, FS, KZN, L

tomentosa DC.
Perennial. Herb. Ht 0.2–0.4 m. Alt ?–15 m. WC

tumida Eckl. & Zeyh. = **L. physodes**

versicaria E.Mey. = **L. inflata**

villosa E.Mey. = **L. argentea**

*LEUCAENA Benth. 3447000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 115.
(2) Pedroche. 1987. *Phytologia* 63: 304–306.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 225.

glauca Benth. = **L. leucocephala**

latisiliqua (L.) Gillis
Perennial. Tree. Ht ?–2.4 m. Alt? FS

leucocephala (Lam.) de Wit
L. glauca Benth. (3)
Mimosa leucocephala Lam. (1)
Perennial. Tree, shrub. Ht 1–4 m. Alt 30–155 m. LIM, M, S, KZN, EC

LIPARIA L. 3642000

Compiled by T. Nkonki & N. Swelankomo

(1) Linnaeus. 1771. *Mantissa plantarum* 2: 268.
(2) Thunberg. 1800. *Prodromus plantarum capensium* 2: 123.
(3) Ecklon & Zeyher. 1836. *Enumeratio plantarum*: 164.
(4) Walpers. 1839. *Linnaea* 13: 449–543.
(5) Hooker. 1843. *Journal of Botany* 2: 441–444.
(6) Harvey & Sonder. 1862. *FC* 2: 14–20.
(7) Bos & De Wit. 1967. *Journal of South African Botany* 33: 269–292.
(8) Schutte & Van Wyk. 1993. *Taxon* 42: 47.
(9) Schutte & Van Wyk. 1994. *Taxon* 43: 573–582.
(10) Schutte. 1995. *Nordic Journal of Botany* 15,2: 149–156.
(11) Schutte. 1997. *Nordic Journal of Botany*. 17,1: 11–37.

angustifolia (Eckl. & Zeyh.) A.L.Schutte
Achyronia villosa J.C.Wendl., not of L., also not of Thunb. (11)
Borbonia villosa Thunb. (11)
Priestleya angustifolia Eckl. & Zeyh. (11)
Priestleya villosa (Thunb.) Druce (11)
Perennial. Shrub. Ht ?–0.3 m. Alt 30–75 m. WC

bonaespei A.L.Schutte
Perennial. Shrub. Ht ?–3 m. Alt ?–1400 m. WC

boucheri (E.G.H.Oliv. & Fellingham) A.L.Schutte
Priestleya boucheri E.G.H.Oliv. & Fellingham (11)
Perennial. Shrub. Ht ?–0.5 m. Alt 1120–1130 m. WC

burchellii Benth. = **L. splendens** subsp. **comantha**

calycina (L.Bolus) A.L.Schutte
Priestleya calycina L.Bolus (11)
Perennial. Shrub. Ht 1–3 m. Alt 300–980 m. WC

capitata Thunb.
Borbonia capitata (Thunb.) Poir. (11)
Priestleya capitata (Thunb.) DC. (11)
Priestleya capitata (Thunb.) DC. var. *pilosa* (E.Mey.) Harv. (11)
Priestleya laevigata (L.) DC. var. *glabra* E.Mey. (11)
Priestleya laevigata (L.) DC. var. *pilosa* E.Mey. excl. syn. (11)
Perennial. Shrub. Ht ?–0.6 m. Alt 1220–1525 m. WC

comantha Eckl. & Zeyh. = **L. splendens** subsp. **comantha**

confusa A.L.Schutte
Perennial. Shrub. Ht 0.3–0.6 m. Alt ?–1250 m. WC

congesta A.L.Schutte
Perennial. Shrub. Ht 1–2 m. Alt 1600–1800 m. WC

crassinervia Meisn. = **L. parva**

genistoides (Lam.) A.L.Schutte
Crotalaria genistoides Lam. (11)
L. teres Thunb. (15)
Priestleya teres (Thunb.) DC. (11)
Perennial. Shrub. Ht 2.5–4 m. Alt 1220–1660 m. WC

graminifolia L.
Borbonia graminifolia (L.) Lam. (11)
Priestleya graminifolia (L.) DC. (11)
Perennial. Shrub. Ht ?–0.3 m. Alt? WC

hirsuta Thunb.
Borbonia hirsuta (Thunb.) Poir. (11)
Priestleya hirsuta (Thunb.) DC. (11)
Priestleya hirsuta (Thunb.) DC. var. *subenervia* Meisn. (11)
Priestleya hirsuta (Thunb.) DC. var. *trinervia* Meisn. (11)
Perennial. Shrub. Ht 0.6–3 m. Alt 30–1066 m. NC, WC, EC

laevigata (L.) Thunb.
Borbonia laevigata L. (11)
L. umbellata L., illegitimate name (11)
L. villosa Thunb. (11)
Priestleya laevigata (L.) DC. (11)
Priestleya thunbergii Benth., illegitimate name (11)
Priestleya thunbergii Benth. var. *villosa* Harv., illegitimate name (11)
Perennial. Shrub. Ht 1.5–4 m. Alt 366–1300 m. WC

latifolia (Benth.) A.L.Schutte
Priestleya latifolia Benth. (11)
Perennial. Shrub. Ht 0.7–1.5 m. Alt 666–1400 m. WC

myrtifolia Thunb.
Borbonia myrtifolia (Thunb.) Poir. (11)
Priestleya leiocarpa Eckl. & Zeyh. (11)
Priestleya myrtifolia DC. (11)
Perennial. Shrub. Ht 1–3 m. Alt 300–1525 m. WC

parva Vogel ex Walp.
L. crassinervia Meisn. (7)
Perennial. Dwarf shrub. Ht 0.15–2 m. Alt 25–1525 m. WC

parva Vogel ex Walp. var. *angustifolia* Benth. ex Hook. = **L. splendens** subsp. **comantha**

racemosa A.L.Schutte
Perennial. Shrub. Ht 3–4 m. Alt 1464–1600 m. WC

rafnioides A.L.Schutte
Perennial. Shrub. Ht ?–4 m. Alt 500–1600 m. WC

sphaerica L. = **L. splendens** subsp. **splendens**

splendens (Burm.f.) Bos & de Wit subsp. **comantha** (Eckl. & Zeyh.) Bos & de Wit
L. burchellii Benth. (7)
L. comantha Eckl. & Zeyh. (7)
L. parva Vogel ex Walp. var. *angustifolia* Benth. ex Hook. (11)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 125–1200 m. WC

splendens (Burm.f.) Bos & de Wit subsp. **splendens**
Borbonia sphaerica (L.) Lam. (11)
Leucadendron splendens Burm.f. (7)
L. sphaerica L. (7)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 100–1000 m. WC

striata A.L.Schutte
Perennial. Shrub. Ht ?–1 m. Alt ?–200 m. WC

tecta Thunb. = **Xiphotheca tecta**

teres Thunb. = **L. genistoides**

tomentosa Thunb. = **Amphithalea tomentosa**

umbellata L., illegitimate name = **L. laevigata**

umbellifera Thunb.
Borbonia umbellifera (Thunb.) Poir. (11)
Crotalaria capitata Lam., not of Thunb. (1800), also not of (Lam.) DC. (1825) (11)
Priestleya cephalotes E.Mey. (11)
Priestleya cephalotes E.Mey. var. *angustifolia* E.Mey. (11)
Priestleya umbellifera (Thunb.) DC. (11)
Perennial. Shrub. Ht 1–5 m. Alt 1000–2000 m. WC

vestita Thunb.
Borbonia tomentosa L. (11)
Borbonia vestita Thunb. (11)
Priestleya tomentosa (L.) Druce (11)
Priestleya vestita (Thunb.) DC. (8)
Perennial. Shrub. Ht 1–2.5 m. Alt 100–1067 m. WC

villosa Thunb. = **L. laevigata**

LIPOZYGIS E.Mey. 3657060

calycina E.Mey. = **Lotononis calycina**

falcata E.Mey. = **Lotononis falcata**

umbellata E.Mey. = **Lotononis umbellata**

LISTIA E.Mey. 3658000

heterophylla E.Mey. = **Lotononis listii**

LOCELLARIA Welw. 3528050

bauhinioides Welw. = **Piliostigma thonningii**

LODDIGESIA Sims 3684000

oxalidifolia Sims = **Hypocalyptus oxalidifolius**

LOETHAINIA Heynh. 3661020

obcordata (P.J.Bergius) Heynh. = **Wiborgia obcordata**

sericea (Thunb.) Heynh. = **Wiborgia sericea**

LONCHOCARPUS Kunth 3834000

bussei Harms = **Philenoptera bussei**

capassa Rolfe = **Philenoptera violacea**

fischeri Harms = **Philenoptera bussei**

menyhartii Schinz = **Philenoptera bussei**

nelsii (Schinz) Schinz ex Heering & Grimme = **Philenoptera nelsii**

violaceus (Klotzsch) Oliv. = **Philenoptera violacea**

zimmermannii Harms = **Craibia zimmermannii**

LOTONONIS (DC.) Eckl. & Zeyh. 3657000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 47–55.
(2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381.
(3) Dummer. 1913. *Transactions of the Royal Society of South Africa* 3: 275–287.
(4) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 883.
(5) Dahlgren. 1964. *Botaniska Notiser* 117,4: 371–388.
(6) Merxmüller. 1970. *FSWA* 60: 76–85.
(7) Heywood. 1976. *Botanical Systematics* 1: 146, 324.
(8) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 210.
(9) Van Wyk. 1987. *South African Journal of Botany* 53: 161–165, 395–397.
(10) Van Wyk. 1988. *Bothalia* 18: 31–36.
(11) Van Wyk. 1989. *Bothalia* 19: 1–8, 32–34.
(12) Van Wyk. 1990. *Bothalia* 20: 1–7, 9–22, 75–80.
(13) Van Wyk. 1991. *Contributions from the Bolus Herbarium* 14: 1–285.

acocksii B.-E.van Wyk
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–290 m. WC

acuminata Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht 0.15–0.2 m. Alt 30–1654 m. WC, EC

acuticarpa B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? M

acutiflora Benth.
Crotalaria quinata (Thunb.) E.Mey. (13)
Annual. Herb. Ht? Alt? NC

adpressa N.E.Br. subsp. **adpressa**
L. sericoflora Dummer (13)
Annual, occ. perennial. Herb. Ht up to 0.1 m. Alt 1373–1678 m. LIM, G, M, FS, L

adpressa N.E.Br. subsp. **leptantha** B.-E.van Wyk
Perennial. Herb. Ht? Alt ?–1739 m. G

alpina (Eckl. & Zeyh.) B.-E.van Wyk subsp. **alpina**
Perennial. Shrub. Ht ?–1.5 m. Alt? EC

alpina (Eckl. & Zeyh.) B.-E.van Wyk subsp. **multiflora** (Eckl. & Zeyh.) B.-E.van Wyk
Buchenroedera gracilis Eckl. & Zeyh. (13)
Buchenroedera multiflora Eckl. & Zeyh. (13)
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 61–1525 m. KZN, WC, EC

amajubica (Burtt Davy) B.-E.van Wyk
Buchenroedera amajubica Burtt Davy (13)
Perennial. Dwarf shrub. Ht? Alt 763–1830 m. M, KZN, EC

angustifolia Steud. = **L. fastigiata**

anthylloides Harv. = **L. anthyllopsis**

anthyllopsis B.-E.van Wyk
L. anthylloides Harv. (13)
Annual. Herb. Ht? Alt ?–850 m. NC, WC

arenicola Schltr.
Annual. Herb. Ht? Alt? NC

argentea Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht ?–0.15 m. Alt? WC

arida Dummer
L. myriantha Baker f. ex Gibbs Russ *et al.*, naked name (13)
Perennial. Herb. Ht? Alt 1360–1678 m. G, EC

aristata Schinz = **Pearsonia aristata**

azurea (Eckl. & Zeyh.) Benth.
Crotalaria azurea Eckl. & Zeyh. (3)
L. azurea (Eckl. & Zeyh.) Benth. var. *lanceolata* Harv. (13)
Ononis villosa Thunb. (13)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–1160 m. WC, EC

azurea (Eckl. & Zeyh.) Benth. var. *lanceolata* Harv. = **L. azurea**

azureoides B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC

bachmanniana Dummer
Perennial. Herb. Ht ?–0.2 m. Alt 15–450 m. KZN, EC

bainesii Baker
Amphinomia bainesii (Baker) A.Schreib. (6)
Perennial. Herb, climber, creeper. Ht 0.12–6 m. Alt 945–2100 m. N, B, LIM, NW, G, NC

barberae Dummer = **L. marlothii**

basutica E.Phillips = **L. macrosepala**

benthamiana Dummer
Perennial. Dwarf shrub, herb. Ht? Alt 349–1882 m. NC

biflora (Bolus) Dummer = **L. eriocarpa**

bolusii Dummer
Annual. Herb. Ht ?–0.15 m. Alt 105–1275 m. WC

brachyantha Harms
Amphinomia brachyantha (Harms) A.Schreib. (6)

Perennial. Herb. Ht ?–0.4 m. Alt 1250–1524 m. N, B, NW, FS

brachyloba (E.Mey.) Benth. = **L. parviflora**

bracteata Benth. = **Pearsonia bracteata**

bracteosa B.-E.van Wyk
Annual. Herb. Ht? Alt? N

brevicaulis B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt? WC

brierleyae Baker f. = **L. divaricata**

burchellii Benth.
Perennial. Herb. Ht? Alt ?–1068 m. NW, FS, NC

caerulescens (E.Mey.) B.-E.van Wyk
Aspalathus caerulescens E.Mey. (13)
Buchenroedera glabriflora N.E.Br. (13)
Lebeckia microphylla E.Mey. (13)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1068–1678 m. WC, EC

calycina (E.Mey.) Benth.
Lipozygis calycina E.Mey. (3)
L. calycina (E.Mey.) Benth. var. *acuta* Dummer (13)
L. calycina (E.Mey.) Benth. var. *hirsutissima* Dummer (13)
L. orthorrhiza Conrath (13)
L. tenella Harv. var. *hirsutissima* Harv. (3)
Perennial. Herb. Ht 0.03–0.3 m. Alt 458–1730 m. N, LIM, NW, G, M, NC, WC, EC

calycina (E.Mey.) Benth. var. *acuta* Dummer = **L. calycina**

calycina (E.Mey.) Benth. var. *hirsutissima* Dummer = **L. calycina**

carinata (E.Mey.) Benth.
L. florifera Dummer (13)
L. pauciflora Dummer (13)
Perennial. Herb. Ht 0.2–2 m. Alt 30–1647 m. LIM, M, S, KZN

carnea B.-E.van Wyk
Annual. Herb, creeper. Ht? Alt? NC

carnosa (Eckl. & Zeyh.) Benth. subsp. **carnosa**
Buchenroedera pauciflora Schltr. (13)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 1342–1830 m. EC

carnosa (Eckl. & Zeyh.) Benth. subsp. **condensata** (Harv.) B.-E.van Wyk
Perennial. Shrub, dwarf shrub. Ht? Alt ?–1525 m. EC

carnosa (Eckl. & Zeyh.) Benth. subsp. **latifolia** B.-E.van Wyk
Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 854–915 m. EC

clandestina (E.Mey.) Benth. = **L. platycarpa**

clandestina (E.Mey.) Benth. var. *steingroeveriana* Schinz = **L. platycarpa**

complanata B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.1 m. Alt? WC

comptonii B.-E.van Wyk
Perennial. Shrub. Ht 0.2–0.4 m. Alt? WC

corymbosa (E.Mey.) Benth.
L. eriantha Benth. var. *obovata* Scott-Elliot (13)
Annual, occ. perennial. Herb. Ht 0.07–0.9 m. Alt 549–1830 m. LIM, NW, M, S, KZN, EC

crumanina Burch. ex Benth.
Perennial. Herb. Ht 0.05–0.2 m. Alt 700–1190 m. N, B, NW, FS, NC

curtii Harms
Amphinomia curtii (Harms) A.Schreib. (6)
Annual, occ. perennial. Herb. Ht ?–0.02 m. Alt 800–1465 m. N, B, LIM, NW, NC, WC, EC

cytisoides (E.Mey.) Benth. var. *brevifolia* Eckl. & Zeyh. ex Drège = **L. stricta**

cytisoides (E.Mey.) Benth. var. *cytisoides* = **L. stricta**

cytisoides (E.Mey.) Benth. var. *sericea* Dummer = **L. eriocarpa**

dahlgrenii B.-E.van Wyk
Perennial. Shrub. Ht ?–1.2 m. Alt? WC

debilis (Eckl. & Zeyh.) Benth. = **L. umbellata**

decumbens (Thunb.) B.-E.van Wyk subsp. **decumbens**
L. humifusa Burch. ex Benth. (13)
L. versicolor Benth. (13)
Perennial. Herb. Ht 0.1–0.5 m. Alt 6–1250 m. NC, WC, EC

decumbens (Thunb.) B.-E.van Wyk subsp. **rehmannii** (Dummer) B.-E.van Wyk
L. rehmannii Dummer (13)
Perennial. Herb. Ht 0.05–0.5 m. Alt? LIM, FS, L

delicatula Bolus ex De Wild. = **L. quinata**

densa (Thunb.) Harv. subsp. **congesta** B.-E.van Wyk
Perennial. Shrub. Ht? Alt? WC

densa (Thunb.) Harv. subsp. **densa**
L. gracilis (E.Mey.) Benth. var. *brevipetiolata* Dummer (13)
Perennial. Shrub. Ht? Alt? WC

densa (Thunb.) Harv. subsp. **gracilis** (E.Mey.) B.-E.van Wyk
L. gracilis (E.Mey.) Benth. var. *gracilis* (13)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 153–1160 m. NC, WC

densa (Thunb.) Harv. subsp. **leucoclada** (Schltr.) B.-E.van Wyk
Lebeckia leucoclada Schltr. (1)
L. leucoclada (Schltr.) Dummer (13)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 120–122 m. WC

depressa Eckl. & Zeyh. = **L. pungens**

desertorum Dummer = **Rothia hirsuta**

dichiloides Sond.
Perennial. Shrub. Ht? Alt 122–1220 m. KZN

dieterlenii E.Phillips = **L. lotononoides**

difformis B.-E.van Wyk
Perennial. Herb. Ht ?–0.2 m. Alt? M

digitata Harv.
Perennial. Dwarf shrub. Ht? Alt 366–700 m. NC, WC

dinteri Schinz = **L. platycarpa**

dissitinodis B.-E.van Wyk
Perennial. Shrub. Ht 0.3–1.2 m. Alt 700–900 m. WC

divaricata (Eckl. & Zeyh.) Benth.
L. brierleyae Baker f. (13)
Perennial. Shrub. Ht 0.6–2 m. Alt 1372–2745 m. FS, EC

elongata (Thunb.) D.Dietr.
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt ?–1647 m. WC, EC

eriantha Benth.
Perennial. Herb. Ht 0.1–2.3 m. Alt 50–2520 m. LIM, NW, G, M, S, FS, KZN, L, EC

eriantha Benth. var. *obovata* Scott-Elliot = **L. corymbosa**

eriocarpa (E.Mey.) B.-E.van Wyk
Buchenroedera biflora Bolus (13)
L. biflora (Bolus) Dummer (13)
L. cytisoides (E.Mey.) Benth. var. *sericea* Dummer (13)
L. wyliei J.M.Wood (8)
Perennial. Shrub. Ht 0.8–2 m. Alt 240–1967 m. KZN, EC

esterhuyseniana B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

exstipulata L.Bolus
Perennial. Herb. Ht ?–0.1 m. Alt? WC

falcata (E.Mey.) Benth.
Lipozygis falcata E.Mey. (3)
Perennial. Herb. Ht 0.1–0.5 m. Alt 90–1500 m. N, NC, WC

fastigiata (E.Mey.) B.-E.van Wyk
L. angustifolia Steud. (13)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 30–244 m. WC

filifolia Bolus = **Pearsonia sessilifolia** subsp. **filifolia**

filiformis B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt 488–610 m. WC

florifera Dummer = **L. carinata**

foliosa Bolus
Perennial. Herb. Ht 0.08–2 m. Alt 610–2500 m. NW, G, M, S, FS, KZN

fruticoides B.-E.van Wyk
Annual. Herb. Ht 0.3–0.6 m. Alt? EC

furcata (Merxm. & A.Schreib.) A.Schreib.
Amphinomia furcata Merxm. & A.Schreib. (6)
Annual. Herb. Ht? Alt? N, NC

galpinii Dummer
Buchenroedera sparsiflora J.M.Wood & M.S.Evans (13)
L. galpinii Dummer var. *prostrata* Dummer (13)
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.8 m. Alt 1647–3447 m. FS, KZN, L, EC

galpinii Dummer var. *prostrata* Dummer = **L. galpinii**

glabra (Thunb.) D.Dietr.
Crotalaria trichopoda E.Mey. (13)
L. trichopoda Benth. (13)
Perennial. Herb. Ht 0.05–0.25 m. Alt 15–915 m. WC, EC

glabrescens (Dummer) B.-E.van Wyk
Buchenroedera glabrescens Dummer (13)
Perennial. Shrub. Ht? Alt ?–1525 m. KZN

globulosa B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

gracilifolia B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt? WC

gracilis (E.Mey.) Benth. var. *brevipetiolata* Dummer = **L. densa** subsp. **densa**

gracilis (E.Mey.) Benth. var. *gracilis* = **L. densa** subsp. **gracilis**

grandifolia Bolus = **Pearsonia grandifolia** subsp. **grandifolia**

grandis Dummer & Jenn.
Perennial. Herb. Ht 0.15–0.3 m. Alt 534–1037 m. KZN

harveyi B.-E.van Wyk
Perennial. Shrub, dwarf shrub. Ht? Alt? EC

hirsuta (Thunb.) D.Dietr.
Crotalaria serpens E.Mey. (5)
L. serpens (E.Mey.) R.Dahlgren (13)
Perennial. Herb. Ht up to 0.25 m. Alt 15–1159 m. NC, WC

hirsuta Schinz = **L. wilmsii**

holosericea (E.Mey.) B.-E.van Wyk
Buchenroedera holosericea (E.Mey.) Benth. (13)
Perennial. Shrub. Ht 1–2 m. Alt 1647–1769 m. EC

humifusa Burch. ex Benth. = **L. decumbens** subsp. **decumbens**

humilior Dummer = **L. macrosepala**

involucrata (P.J.Bergius) Benth. subsp. **bracteata** B.-E.van Wyk
Perennial. Herb. Ht ?–0.35 m. Alt? WC

involucrata (P.J.Bergius) Benth. subsp. **digitata** B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt? WC

involucrata (P.J.Bergius) Benth. subsp. **involucrata**
Ononis involucrata P.J.Bergius (13)
Perennial. Dwarf shrub. Ht? Alt 61–458 m. WC

involucrata (P.J.Bergius) Benth. subsp. **peduncularis** (E.Mey.) B.-E.van Wyk
L. peduncularis (E.Mey.) Benth. (13)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 6–305 m. WC

jacottetii (Schinz) B.-E.van Wyk
Perennial. Shrub. Ht 0.2–1.2 m. Alt 1830–2010 m. KZN, L, EC

lamprifolia B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? WC

lanceolata (E.Mey.) Benth.
Aspalathus lanceolata Benth. (3)
Perennial. Herb. Ht ?–0.4 m. Alt 1662–2500 m. LIM, NW, M, FS, KZN, L

laticeps B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

laxa Eckl. & Zeyh.
L. laxa Eckl. & Zeyh. var. *multiflora* Dummer (13)
L. schlechteri Schinz (13)
L. woodii Bolus (13)
Perennial. Herb. Ht 0.1–4 m. Alt 610–2200 m. LIM, NW, G, M, FS, KZN, L, NC, EC

laxa Eckl. & Zeyh. var. *multiflora* Dummer = **L. laxa**

lenticula (E.Mey.) Benth.
Crotalaria lenticula E.Mey. (13)
Annual. Herb. Ht 0.15–0.25 m. Alt 137–1388 m. FS, NC

leptoloba Bolus
Annual. Herb. Ht 0.03–0.3 m. Alt 183–1007 m. N, NC

leucoclada (Schltr.) Dummer = **L. densa** subsp. **leucoclada**

linearifolia B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N, NC

listii Polhill
Listia heterophylla E.Mey. (7)
Perennial. Herb, creeper. Ht 0.05–0.6 m. Alt 30–1708 m. N, B, LIM, NW, G, M, S

listoides Dinter & Harms = **L. marlothii**

longicephala B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

longiflora Bolus
L. speciosa Hutch. (13)
Perennial. Dwarf shrub. Ht? Alt ?–1005 m. NC

lotononoides (Scott-Elliot) B.-E.van Wyk
Buchenroedera lotononoides Scott-Elliot (13)
L. dieterlenii E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.3–5 m. Alt 1300–2450 m. FS, KZN, L, EC

macrocarpa Eckl. & Zeyh.
Perennial. Herb. Ht? Alt 120–283 m. WC

macrosepala Conrath
L. basutica E.Phillips (13)
L. humilior Dummer (13)
Perennial. Herb. Ht up to 0.15 m. Alt 1430–1890 m. NW, G, M, FS, KZN, L

maculata Dummer
Perennial. Herb. Ht? Alt 1052–1130 m. N, NC

magnifica B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC

marginata Schinz = **Pearsonia sessilifolia** subsp. **marginata**

marlothii Engl.
L. barberae Dummer (13)
L. listoides Dinter & Harms (13)
Perennial. Herb. Ht? Alt 640–1340 m. N, B, NW, FS, NC

maximiliani Schltr. ex De Wild.
Perennial. Herb. Ht ?–0.6 m. Alt 5–1370 m. NC

meyeri (C.Presl) B.-E.van Wyk
Buchenroedera meyeri C.Presl (13)
Buchenroedera umbellata Harv. (13)
Perennial. Shrub. Ht 0.3–1 m. Alt 610–1525 m. KZN, EC

micrantha Eckl. & Zeyh.
Perennial. Herb. Ht ?–0.6 m. Alt? WC

microphylla Harv. = **L. prolifera**

minima B.-E.van Wyk
Perennial. Herb. Ht? Alt? NW, FS, NC

minor Dummer & Jenn.
Perennial. Shrub. Ht? Alt 2440–2745 m. L, EC

mirabilis Dinter
Perennial. Shrub. Ht? Alt? N

mollis (E.Mey.) Benth.
Perennial. Dwarf shrub. Ht? Alt? NC

monophylla Harv.
Perennial. Herb. Ht 0.05–0.1 m. Alt? EC

mucronata Conrath
L. ornata Dummer (13)
Perennial. Herb. Ht 0.01–0.3 m. Alt 1068–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

multiflora Schinz = **Pearsonia sessilifolia** subsp. **marginata**

myriantha Baker f. ex Gibbs Russ. *et al.* = **L. arida**

nutans B.-E.van Wyk
Perennial. Shrub. Ht? Alt ?–550 m. WC

oligocephala B.-E.van Wyk
Annual. Herb. Ht? Alt? NC

omahekensis Dinter ex A.Schreib. = **Indigofera arenophila**

oocarpa Dinter ex Wilman = **L. sparsiflora**

ornata Dummer = **L. mucronata**

orthorrhiza Conrath = **L. calycina**

oxyptera (E.Mey.) Benth.
Annual. Herb. Ht? Alt 153–255 m. WC

pachycarpa Dinter ex B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N

pallens (Eckl. & Zeyh.) Benth.
Annual. Herb. Ht? Alt? WC

pallidirosea Dinter & Harms
Perennial. Herb. Ht? Alt? N

pariflora N.E.Br.
Perennial. Herb. Ht ?–0.05 m. Alt ?–1920 m. LIM

parviflora (P.J.Bergius) D.Dietr.
L. brachyloba (E.Mey.) Benth. (13)
Annual. Herb. Ht 0.01–0.6 m. Alt 30–1037 m. NC, WC, EC

pauciflora Dummer = **L. carinata**

peduncularis (E.Mey.) Benth. = **L. involucrata** subsp. **peduncularis**

pentaphylla (E.Mey.) Benth.
Annual. Herb. Ht 0.05–0.07 m. Alt 120–167 m. NC

perplexa (E.Mey.) Eckl. & Zeyh.
Annual. Herb. Ht? Alt 397–763 m. WC

platycarpa (Viv.) Pic.Serm.
Capnitis clandestina E.Mey. (13)
Leobordea abyssinica Hochst. ex A.Rich. (13)
Leobordea platycarpa Viv. (3)
L. clandestina (E.Mey.) Benth. (13)
L. clandestina (E.Mey.) Benth. var. *steingroeveriana* Schinz (13)
L. dinteri Schinz (13)
L. platycarpa (Viv.) Pic.Serm. var. *abyssinica* (Hochst. ex A.Rich.) Pic.Serm. (13)
L. porrecta (E.Mey.) Benth. (13)
L. steingroeveriana (Schinz) Dummer (13)
Annual. Herb. Ht 0.05–2 m. Alt 700–2000 m. N, B, FS, NC, WC

platycarpa (Viv.) Pic.Serm. var. *abyssinica* (Hochst. ex A.Rich.) Pic.Serm. = **L. platycarpa**

plicata B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt ?–870 m. NC

polycephala Benth.
Perennial. Dwarf shrub. Ht? Alt? NC

porrecta (E.Mey.) Benth. = **L. platycarpa**

pottiae Burtt Davy
Perennial. Dwarf shrub. Ht? Alt ?–1500 m. M, KZN

procumbens Bolus
Perennial. Herb. Ht 0.015–0.3 m. Alt 1678–2700 m. M, FS, KZN, L

prolifera (E.Mey.) B.-E.van Wyk
L. microphylla Harv. (13)
Perennial. Herb. Ht? Alt ?–1068 m. EC

prostrata (L.) Benth.
Ononis prostrata Burm. (3)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 30–570 m. WC

pulchella (E.Mey.) B.-E.van Wyk
Buchenroedera tenuifolia Eckl. & Zeyh. var. *pulchella* (E.Mey.) Harv. (13)
Buchenroedera tenuifolia Eckl. & Zeyh. var. *tenuifolia* (13)

Perennial. Shrub, dwarf shrub. Ht 0.3–6 m. Alt 1140–2440 m. FS, KZN, L, EC

pulchra Dummer
L. tenuipes Burtt Davy (13)
Perennial. Herb. Ht 0.05–2 m. Alt 1037–2317 m. M, S, KZN, EC

pumila Eckl. & Zeyh.
Annual. Herb. Ht 0.1–0.2 m. Alt 336–763 m. WC, EC

pungens Eckl. & Zeyh.
L. depressa Eckl. & Zeyh. (13)
Perennial. Herb. Ht 0.05–1 m. Alt 5–1650 m. FS, NC, WC, EC

purpurescens B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC

pusilla Dummer
Perennial. Herb. Ht? Alt 1373–1769 m. FS, EC

quinata (Thunb.) Benth.
L. delicatula Bolus ex De Wild. (13)
Perennial. Dwarf shrub. Ht? Alt 305–700 m. NC

rabenaviana Dinter & Harms
Amphinomia rabenaviana (Dinter & Harms) A.Schreib. (6)
Annual. Herb. Ht 0.04–0.2 m. Alt 280–1065 m. N, NC, WC

racemiflora B.-E.van Wyk
Annual, occ. perennial. Dwarf shrub, herb. Ht? Alt? WC

rehmannii Dummer = **L. decumbens** subsp. **rehmannii**

rigida (E.Mey.) Benth.
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 366–427 m. WC

rogersii Kensit = **Pearsonia sessilifolia** subsp. **filifolia**

rosea Dummer
Annual. Herb. Ht? Alt ?–458 m. WC

rostrata Benth. subsp. **brachybotrys** B.-E.van Wyk
Annual. Herb. Ht? Alt ?–153 m. WC

rostrata Benth. subsp. **namaquensis** (Bolus) B.-E.van Wyk
Annual. Herb. Ht ?–0.33 m. Alt 640–1220 m. NC

rostrata Benth. subsp. **rostrata**
Annual. Herb. Ht ?–0.4 m. Alt ?–214 m. WC

sabulosa Salter
Annual. Herb. Ht? Alt ?–150 m. WC

schlechteri Schinz = **L. laxa**

schoenfelderi (Dinter ex Merxm. & A.Schreib.) A.Schreib.
Amphinomia schoenfelderi Dinter ex Merxm. & A.Schreib. (13)
Annual. Herb. Ht? Alt? N, B

schreiberi B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N

sericoflora Dummer = **L. adpressa** subsp. **adpressa**

sericophylla Benth.
L. trisegmentata E.Phillips var. *robusta* E.Phillips (13)
Perennial. Shrub. Ht 0.2–2.4 m. Alt 1220–2898 m. FS, KZN, L, EC

serpens (E.Mey.) R.Dahlgren = **L. hirsuta**

sessilifolia Harv. = **Pearsonia sessilifolia** subsp. **sessilifolia**

solitudinis Dummer
Perennial. Herb. Ht? Alt 915–2200 m. G, M, FS, KZN

sparsiflora (E.Mey.) B.-E.van Wyk
L. oocarpa Dinter ex Wilman (13)
Annual. Herb. Ht up to 0.2 m. Alt 280–1357 m. N, FS, NC

speciosa Hutch. = **L. longiflora**

spicata Compton
Perennial. Herb. Ht ?–0.2 m. Alt 1000–1525 m. S

steingroeveriana (Schinz) Dummer = **L. platycarpa**

stenophylla (Eckl. & Zeyh.) B.-E.van Wyk
Annual. Herb. Ht? Alt 640–732 m. NC

stipulosa Baker f.
Amphinomia stipulosa (Baker f.) A.Schreib. (3)
Annual. Herb. Ht ?–0.2 m. Alt ?–458 m. LIM, M

stricta (Eckl. & Zeyh.) B.-E.van Wyk
Buchenroedera griquana Schltr. (13)
L. cytisoides (E.Mey.) Benth. var. *brevifolia* Eckl. & Zeyh. ex Drège (13)
L. cytisoides (E.Mey.) Benth. var. *cytisoides* (13)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 15–2135 m. KZN, L, EC

strigillosa (Merxm. & A.Schreib.) A.Schreib.
Amphinomia strigillosa Merxm. & A.Schreib. (3)
Annual. Herb. Ht? Alt ?–61 m. N, NC

subulata B.-E.van Wyk
Perennial. Herb, creeper. Ht? Alt? NW, FS, NC

sutherlandii Dummer
Perennial. Herb. Ht? Alt? KZN

swaziensis Bolus = **Pearsonia sessilifolia** subsp. **swaziensis**

tenella (E.Mey.) Eckl. & Zeyh.
Perennial. Herb. Ht ?–0.03 m. Alt 15–1800 m. NW, G, FS, L, WC, EC

tenella Harv. var. *hirsutissima* Harv. = **L. calycina**

tenuipes Burtt Davy = **L. pulchra**

tenuis Baker
Perennial. Herb. Ht ?–0.12 m. Alt? N

trichodes (E.Mey.) B.-E.van Wyk
Buchenroedera trichodes C.Presl (13)
Perennial. Shrub. Ht? Alt 1525–1800 m. EC

trichopoda Benth. = **L. glabra**

trisegmentata E.Phillips var. *robusta* E.Phillips = **L. sericophylla**

umbellata (L.) Benth.
Lipozygis umbellata E.Mey. (3)
L. debilis (Eckl. & Zeyh.) Benth. (13)
Perennial. Herb. Ht 0.05–5 m. Alt 18–488 m. WC

uniflora Kensit = **Pearsonia uniflora**

varia (E.Mey.) Steud.
Telina varia E.Mey. (3)
Perennial. Dwarf shrub. Ht ?–0.35 m. Alt 458–915 m. WC

venosa B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

versicolor Benth. = **L. decumbens** subsp. **decumbens**

viborgioides Benth.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 120–300 m. WC

villosa (E.Mey.) Steud.
Perennial. Dwarf shrub. Ht? Alt ?–183 m. WC

viminea (E.Mey.) B.-E.van Wyk
Aspalathus viminea N.E.Br. (1)
Buchenroedera viminea C.Presl (13)
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 280–1647 m. M, KZN, EC

virgata B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.45 m. Alt 122–1678 m. KZN

wilmsii Dummer
L. hirsuta Schinz (13)
Perennial. Herb. Ht 0.1–5 m. Alt 1159–1713 m. LIM, NW, G, M

woodii Bolus = **L. laxa**

wyliei J.M.Wood = **L. eriocarpa**

LOTUS L. 3698000

Compiled by T. Nkonki

(1) Gillett. 1958. *Kew Bulletin* 13: 361–381.
(2) Ball. 1968. *Flora europaea* 2: 173–176.
(3) Gillett *et al.* 1971. *FTEA* Leguminosae (part 4): 1042–1048.

amplexicaulis E.Mey. = **Argyrolobium amplexicaule**

arabicus L. (insufficiently known)
L. mossamedensis Welw. (3)

barberae Dummer (insufficiently known)

***corniculatus** L. var. **corniculatus**
Perennial. Herb. Ht ?–0.2 m. Alt ?–153 m. G, EC

discolor E.Mey. subsp. **discolor**
L. tigrensis Baker (1)
Perennial. Herb. Ht 0.05–6 m. Alt 6–2196 m. LIM, G, M, S, KZN, WC, EC

filiformis P.J.Bergius = **Indigofera sarmentosa**

fruticosus P.J.Bergius = **Indigofera mauritanica**

hispidus Desf. = **L. subbiflorus** subsp. **subbiflorus**

microphyllus Hook. = **Indigofera gracilis**

mossamedensis Welw. = **L. arabicus**

racemosus Poir. = **Indigofera mauritanica**

***subbiflorus** Lag. subsp. **subbiflorus**
L. hispidus Desf. (2)
Perennial. Herb. Ht 0.03–0.5 m. Alt 170–1525 m. G, WC, EC

tigrensis Baker = **L. discolor** subsp. **discolor**

*LUPINUS L. 3672000

Compiled by H.F. Glen

(1) Stirton. 1988. *Bothalia* 18: 25–29.
(2) McKean. 1995. *European garden flora* 4: 534–537.

angustifolius L.
Annual. Herb. Ht 0.15–0.6 m. Alt 100–150 m. WC

consentinii Guss.
Annual. Herb. Ht up to 1 m. Alt 0–300 m. WC

luteus L.
Annual. Herb. Ht up to 0.7 m. Alt 100–200 m. WC

pilosus L.
Annual. Herb. Ht 0.3–0.7 m. Alt 0–300 m. WC

MACROTYLOMA (Wight & Arn.) Verdc. 3910020

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 401–406.
(2) Gillett *et al.* 1971. *FTEA* Leguminosae (part 4): 581–594.

axillare (E.Mey.) Verdc. var. **axillare**
Dolichos axillaris E.Mey. (3)
Perennial. Herb, climber. Ht 0.1–0.6 m. Alt 10–1647 m. N, B, LIM, NW, G, M, S, KZN, EC

axillare (E.Mey.) Verdc. var. **glabrum** (E.Mey.) Verdc.
Perennial. Herb. Ht ?–3 m. Alt 92–1120 m. KZN

coddii Verdc.
Perennial. Herb. Ht ?–0.4 m. Alt 1020–1037 m. KZN

daltonii (Webb) Verdc.
Dolichos daltonii Webb (3)
Annual, occ. perennial. Herb, climber. Ht 0.7–2 m. Alt 1100–1163 m. N, B

maranguense (Taub.) Verdc.
Dolichos taubertii Baker f. (3)
Glycine maranguensis Taub. (3)
Perennial. Herb. Ht 0.3–0.6 m. Alt 259–1220 m. LIM, M, S, KZN

rupestre (Welw. ex Baker) Verdc.
Dolichos longistipellatus Harms (1)
Dolichos rupestris Baker (1)
Perennial. Herb, climber. Ht? Alt? N

uniflorum (Lam.) Verdc. var. **stenocarpum** (Brenan) Verdc.
Perennial. Herb. Ht 0.6–1 m. Alt 910–1100 m. B, M

uniflorum (Lam.) Verdc. var. **uniflorum**
Perennial. Herb. Ht 0.6–1 m. Alt ?–1460 m. N

*MEDICAGO L. 3688000

Compiled by T. Nkonki

(1) Lesins & Lesins. 1979. *Genus* Medicago, *a taxogenetic study.*
(2) Stirton. 1982. *Bothalia* 14: 27–35.
(3) Small & Jomphe. 1989. *Canadian Journal of Botany* 67: 3260–3294.

aschersoniana Urb. = **M. laciniata** var. **laciniata**

denticulata Willd. = **M. polymorpha**

falcata L.
M. sativa L. subsp. *falcata* (L.) Arcang. (2)
Perennial. Herb. Ht 0.4–0.8 m, or stems prostrate. Alt 600–1450 m. G, WC

×hemicycla Grossh.
M. sativa L. × *M. falcata* L. (2)
Perennial. Herb. Ht 0.3–0.8 m, or stems prostrate. Alt 1400–1500 m. G

hispida Gaertn. = **M. polymorpha**

laciniata (L.) Mill. var. **laciniata**
M. aschersoniana Urb. (2)
M. polymorpha L. var. *laciniata* L. (2)
Annual. Herb. Ht 0.15–0.35 m, or stems prostrate. Alt 0–2050 m. N, B, NW, G, M, FS, KZN, L, NC, WC, EC

lupulina L.
Annual, occ. perennial. Herb. Ht up to 0.1 m. Length 0.2–0.6 m. Alt 650–1550 m. LIM, NW, G, M, KZN, WC, EC

nigra Krock. = **M. polymorpha**

polymorpha L.
M. denticulata Willd. (2)
M. hispida Gaertn. (2)
M. nigra Krock. (2)
Annual. Herb. Ht 0.2–0.7 m, or stems prostrate. Alt 0–2000 m. N, G, M, FS, KZN, NC, WC, EC

polymorpha L. var. *laciniata* L. = **M. laciniata** var. **laciniata**

sativa L.
Perennial. Herb. Ht 0.3–0.8 m, or stems prostrate. Alt 0–1650 m. LIM, NW, G, FS, KZN, NC, WC, EC

sativa L. subsp. *falcata* (L.) Arcang. = **M. falcata**

sativa L. × *M. falcata* L. = **M. ×hemicycla**

MELANOSTICTA DC. 3557010

burchellii DC. = **Hoffmannseggia burchellii** subsp. **burchellii**

sandersonii Harv. = **Hoffmannseggia sandersonii**

*MELILOTUS Mill. 3689000

Compiled by T. Nkonki

(1) Gillett. 1971. *FTEA* Leguminosae, part 4: 1039–1041.
(2) Lock. 1989. *Legumes of Africa*: 481, 482.
(3) Hamlet. 1995. *European garden flora* 4: 523.

alba Desr.
Annual. Herb. Ht 0.6–1.8 m. Alt 0–1950 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

indica (L.) All.
M. parviflora Desf. (1)
Trifolium melilotus-indica L. (1)
Annual. Herb. Ht up to 1.2 m. Alt 0–1750 m. N, LIM, NW, G, FS, KZN, NC, WC, EC

officinalis (L.) Pall.
Trifolium melilotus-officinalis L. (1)
Annual. Herb. Ht 0.2–0.5 m. Alt 0–1550 m. G, WC

parviflora Desf. = **M. indica**

MELOLOBIUM Eckl. & Zeyh. 3665000

Compiled by A. Moteetee

(1) Harvey & Sonder. 1862. *FC* 2: 77–81.
(2) Coetzee. 1959. *The Flowering Plants of Africa* 33: t. 1308.
(3) Stirton. 1986. *South African Journal of Botany* 52: 354–356.
(4) Moteetee & Van Wyk. 2001. *Bothalia* 31: 209–212.
(5) Moteetee & Van Wyk. To be published end of 2003.

adenodes Eckl. & Zeyh.
M. karasbergense L.Bolus (5)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 75–1140 m. N, NC, WC, EC

aethiopicum (L.) Druce
M. cernuum (L.) Eckl. & Zeyh. (1)
Ononis cernua L. (1)
Trigonella hirsute Thunb. (1)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 30–1585 m. NC, WC

alpinum Eckl. & Zeyh.
M. pegleri Dummer (5)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 730–2324 m. FS, KZN, L, EC

burchelli N.E.Br. = **M. microphyllum**

calycinum Benth.
M. villosum Harms (5)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.61 m. Alt 854–2100 m. N, B, NW, FS, KZN, NC, EC

canaliculatum (E.Mey.) Benth. = **M. stipulatum**

candicans (E.Mey.) Eckl. & Zeyh.
Dichilus candicans E.Mey. (1)
M. parviflorum Benth. (5)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 138–1920 m. N, B, NW, FS, L, NC, WC, EC

canescens Benth.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 915–1340 m. N, B, NW, FS, NC, WC, EC

cernuum (L.) Eckl. & Zeyh. = **M. aethiopicum**

decumbens (E.Mey.) Burtt Davy = **M. microphyllum**

exudans Harv.
Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 280–1525 m. WC

glanduliferum Dummer = **M. microphyllum**

humile Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 134–875 m. NC, WC

involucratum (Thunb.) C.H.Stirt. = **Polhillia involucrata**

karasbergense L.Bolus = **M. adenodes**

lampolobum (E.Mey.) Moteetee & B.-E.van Wyk
M. microphyllum (L.f.) Eckl. & Zeyh. var. *lampolobum* (E.Mey.) Harv. (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 450–1220 m. WC

macrocalyx Dummer var. **longifolium** Dummer
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 800–1100 m. N, B, NC

macrocalyx Dummer var. **macrocalyx**
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 900–1700 m. N, B, FS, NC

microphyllum (L.f.) Eckl. & Zeyh.
Dichilus microphyllus E.Mey. (1)
M. burchelli N.E.Br. (5)
M. decumbens (E.Mey.) Burtt Davy (5)
M. glanduliferum Dummer (5)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 1100–2300 m. N, B, M, FS, KZN, L, NC, EC

microphyllum (L.f.) Eckl. & Zeyh. var. *lampolobum* (E.Mey.) Harv. = **M. lampolobum**

obcordatum Harv.
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.5 m. Alt 1370–2900 m. G, FS, KZN, L, EC

parviflorum Benth. = **M. candicans**

pegleri Dummer = **M. alpinum**

stipulatum (Thunb.) Harv.
M. canaliculatum (E.Mey.) Benth. (5)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 762–900 m. WC

subspicatum Conrath
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1500–1700 m. G

villosum Harms = **M. calycinum**

wilmsii Harms
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–1500 m. G, M, FS, KZN

MICROCHARIS Benth. 3746000

Compiled by T. Nkonki

(1) Schrire. 1992. *Bothalia* 22: 165–167.

disjuncta (J.B.Gillett) Schrire var. **disjuncta**
Indigofera acutifolia Schinz (1)
Indigofera disjuncta J.B.Gillett var. *disjuncta* (1)
Annual. Herb. Ht 0.08–0.35 m. Alt 610–1090 m. N, NC

galpinii N.E.Br.
Indigofera pseudo-indigofera (Merxm.) J.B.Gillett (1)
M. pseudo-indigofera Merxm. (1)
Annual. Herb. Ht 0.1–0.4 m. Alt 610–1675 m. M, S

latifolia Benth.
Indigofera lobata J.B.Gillett (1)
Annual. Herb. Ht ?–0.2 m. Alt ?–381 m. M

pseudo-indigofera Merxm. = **M. galpinii**

MICROPTERYX Walp. 3870010

crista-galli (L.) Walp. = **Erythrina crista-galli**

MILLETTIA Wight & Arn. 3720000

Compiled by H.F. Glen

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 203.
(2) Pooley. 1993. *The complete field guide to trees of Natal, Zululand & Transkei*: 164–166.
(3) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 458–461.

caffra Meisn. = **M. grandis**

grandis (E.Mey.) Skeels
M. caffra Meisn. (1)
Perennial. Tree. Ht 3–11 m. Alt 0–900 m. KZN, EC

stuhlmannii Taub.
Perennial. Tree. Ht 3–20 m. Alt 100–500 m. LIM

sutherlandii Harv. = **Philenoptera sutherlandii**

MIMOSA L. 3449000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 117–119.

adianthifolia Schumach. = **Albizia adianthifolia** var. **adianthifolia**

asperata L. = **M. pigra**

capensis Burm.f. = **Acacia karroo**

decurrens J.C.Wendl. = **Acacia decurrens**

distachya Vent. = **Paraserianthes lophantha** subsp. **lophantha**

farnesiana L. = **Acacia farnesiana**

lebbeck L. = **Albizia lebbeck**

leucacantha Jacq. = **Acacia karroo**

leucocephala Lam. = **Leucaena leucocephala** subsp. **leucocephala**

longifolia Andrews = **Acacia longifolia**

mellifera Vahl = **Acacia mellifera** subsp. **mellifera**

natans L.f. = **Neptunia oleracea**

nilotica in sense of Burm.f., not of L., misapplied name = **Acacia karroo**

nilotica in sense of Thunb. (1800), not of L., misapplied name = **Acacia nilotica** subsp. **kraussiana**

nilotica in sense of Thunb. (1823), not of L., misapplied name = **Acacia karroo**

pigra L.
M. asperata L. (1)
Perennial. Shrub, climber. Ht 0.3–4.5 m. Alt 50–1400 m. N, B, NW, G, M, S, KZN, EC

procera Roxb. = **Albizia procera**

prostrata Lam. = **Neptunia oleracea**

***pudica** L. var. **hispida** Brenan
Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 0–500 m. LIM, KZN

saligna Labill. = **Acacia saligna**

spicata E.Mey. = **Adenopodia spicata**

stellata Forssk. = **Pterolobium stellatum**

virgata L. = **Desmanthus virgatus**

MUCUNA Adans. 3877000

Compiled by T. Nkonki

(1) Wilmot-Dear. 1985. *Kew Bulletin* 39: 23–65.
(2) Hennessy. 1989. *The Flowering Plants of Africa* 50: t. 1998.
(3) Hennessy. 1991. *Bothalia* 21: 18–21.
(4) Wilmot-Dear. 1991. *Kew Bulletin* 46: 213–251.

capitata (Roxb.) Wight & Arn. = **M. pruriens** var. **utilis**

coriacea Baker subsp. **irritans** (Burtt Davy) Verdc.
Perennial. Herb, climber. Ht 3–4 m. Alt 365–1300 m. LIM, G, M, S

gigantea (Willd.) DC. subsp. **gigantea**
Perennial. Climber. Ht ?–30 m. Alt ± 2 m. KZN

nivea (Roxb.) Wight & Arn. = **M. pruriens** var. **utilis**

pruriens (L.) DC. var. **pruriens**
Dolichos pruriens L. (1)
Stizolobium pruriens (L.) Medik. (1)
Perennial. Herb, climber. Ht ?–3 m. Alt 488–763 m. KZN

pruriens (L.) DC. var. **utilis** (Wall. ex Wight) Baker ex Burck
M. capitata (Roxb.) Wight & Arn. (4)
M. nivea (Roxb.) Wight & Arn. (1)
Stizolobium deeringianum Bort (1)
Stizolobium niveum (Roxb.) Kuntze (1)
Perennial. Herb, climber. Ht ?–3 m. Alt? M

MUNDULEA (DC.) Benth. 3719000

Compiled by H.F. Glen

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 406.
(2) Gillett. 1971. *FTEA* Leguminosae, part 3: 155–157.

pondoensis Codd = **Tephrosia pondoensis**

sericea (Willd.) A.Chev.
Cytisus sericeus Willd. (2)
M. suberosa (DC.) Benth. (2)
Tephrosia suberosa DC. (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 25–1850 m. N, B, LIM, NW, G, M, S, KZN

suberosa (DC.) Benth. = **M. sericea**

NEONOTONIA J.A.Lackey 3864010

Compiled by T. Nkonki

(1) Lackey. 1977. *Phytologia* 37: 209–212.
(2) Viswanathan. 1991. *Journal of the Bombay Natural History Society* 88: 137, 138.

wightii (Arn.) J.A.Lackey
Glycine javanica L. subsp. *javanica* (1)
Glycine javanica L. subsp. *micrantha* (Hochst. & A.Rich.) F.J.Herm. (1)
Glycine wightii (Wight & Arn.) Verdc. subsp. *wightii* var. *longicauda* (Schweinf.) Verdc. (1)
Perennial. Climber. Ht 0.6–4.5 m. Alt 0–1500 m. N, B, LIM, NW, G, M, S, KZN

NEORAUTANENIA Schinz 3865000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,2: 300–308.

amboensis Schinz
Dolichos brachypus Engl. (1)
N. brachypus (Harms) C.A.Sm. (1)
N. edulis C.A.Sm. (1)
N. seineri (Harms) C.A.Sm. (1)

Perennial. Dwarf shrub, herb. Ht 0.9–3 m. Alt 305–1525 m. N, B, LIM, M

brachypus (Harms) C.A.Sm. = **N. amboensis**

edulis C.A.Sm. = **N. amboensis**

ficifolius (Benth.) C.A.Sm.
Dolichos ficifolius (Benth.) Harms (1)
Pueraria ficifolia (Benth.) L.Bolus (1)
Rhynchosia ficifolia Benth. (1)
Perennial. Herb, climber. Ht 0.15–1.5 m. Alt 365–1713 m. N, B, LIM, NW, G, M, FS, NC

seineri (Harms) C.A.Sm. = **N. amboensis**

NEPTUNIA Lour. 3451000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 120–122.

oleracea Lour.
Desmanthus stolonifer DC. (1)
Mimosa natans L.f. (1)
Mimosa prostrata Lam. (1)
N. prostrata (Lam.) Baill. (1)
N. stolonifera (DC.) Guill. & Perr. (1)
Perennial. Herb, hypophyte. Ht up to 0.2 m above water level, stems prostrate. Alt 25–1150 m. N, B, LIM, KZN

prostrata (Lam.) Baill. = **N. oleracea**

stolonifera (DC.) Guill. & Perr. = **N. oleracea**

NEWTONIA Baill. 3460000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 134, 135.

hildebrandtii (Vatke) Torre var. **hildebrandtii**
Perennial. Tree. Ht 9–18 m. Alt 0–120 m. S, KZN

NICOLSONIA Span. 3807020

barbata (L.) DC. var. *argyrae* (Welw. ex Baker) Schindl. = **Desmodium barbatum** var. **argyrae**

barbata (L.) DC. var. *dimorpha* (Welw. ex Baker) Schindl. = **Desmodium barbatum** var. **dimorpha**

caffra E.Mey. = **Desmodium dregeanum**

setigera E.Mey. = **Desmodium setigerum**

OMPHALOBIUM Jacq. 3506030

schotia J.Jacq. ex DC. = **Schotia latifolia**

ONONIS L. 3685000

capillaris Thunb. = **Aspalathus bracteata**

cernua L. = **Melolobium aethiopicum**

excisa Thunb. = **Crotalaria excisa** subsp. **excisa**

fasciculata Thunb. = **Aspalathus fasciculata**

filiformis L. = **Indigofera sarmentosa**

involucrata P.J.Bergius = **Lotononis involucrata** subsp. **involucrata**

lagopus Thunb. = **Aspalathus lotoides** subsp. **lagopus**

mauritanica L. = **Indigofera mauritanica**

prostrata Burm. = **Lotononis prostrata**

racemosa Thunb. = **Crotalaria effusa**

spicata Thunb. = **Aspalathus aemula**

villosa Thunb. = **Lotononis azurea**

OPHRESTIA H.M.L.Forbes 3718020

Compiled by T. Nkonki

(1) Forbes. 1948. *Bothalia* 4: 1003–1006.
(2) Verdcourt. 1970. *Kew Bulletin* 24,2: 257–262.

oblongifolia (E.Mey.) H.M.L.Forbes var. **oblongifolia**
O. retusa H.M.L.Forbes (2)
O. swazica H.M.L.Forbes (2)
Tephrosia oblongifolia E.Mey. (2)
Annual. Herb. Ht 0.15–3 m. Alt 12–1700 m. NW, G, S, KZN, EC

oblongifolia (E.Mey.) H.M.L.Forbes var. **velutinosa** H.M.L.Forbes
Annual. Herb. Ht? Alt? KZN

retusa H.M.L.Forbes = **O. oblongifolia** var. **oblongifolia**

swazica H.M.L.Forbes = **O. oblongifolia** var. **oblongifolia**

ORMOCARPUM P.Beauv. 3792000

Compiled by H.F. Glen

(1) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1585.
(2) Gillett. 1971. *FTEA* Leguminosae, part 3: 352–364.

affine De Wild. = **O. kirkii**

discolor Vatke = **O. kirkii**

kirkii S.Moore
Diphaca discolor (Vatke) Chiov. (2)
Diphaca kirkii (S.Moore) Taub. (2)
O. affine De Wild. (2)
O. discolor Vatke (2)
O. mimosoides S.Moore (2)
Perennial. Tree, shrub. Ht 2–9 m. Alt 550–1300 m. N, LIM, M

mimosoides S.Moore = **O. kirkii**

setosum Burtt Davy = **O. trichocarpum**

trichocarpum (Taub.) Engl.
Diphaca trichocarpa Taub. (2)
O. setosum Burtt Davy (2)
Perennial. Tree, shrub. Ht 2–5 m. Alt 50–1550 m. B, LIM, M, S, KZN

*ORNITHOPUS L. 3773000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 182.

sativus Brot.
Annual. Herb. Ht 0.3–0.4 m. Alt 170–280 m. NC, WC

OSTRYODERRIS Dunn 3838040

stuhlmannii (Taub.) Harms = **Xeroderris stuhlmannii**

OTHOLOBIUM C.H.Stirt. 3703040

Compiled by M. Jordaan

(1) Stirton. 1981. *Advances in Legume Systematics*: 337–343.
(2) Stirton. 1982. *Bothalia* 14: 72, 73.
(3) Stirton. 1983. *Journal of South African Botany* 49: 337–342.
(4) Stirton. 1986. *South African Journal of Botany* 52: 1–6.
(5) Stirton. 1990. *South African Journal of Botany* 56: 336–341.
(6) Stirton. 1991. *South African Journal of Botany* 57: 123–127.
(7) Stirton & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 500–503.
(8) Verdcourt. 2000. *FZ* 3,6: 46–48.

accrescens C.H.Stirt.
Perennial. Resprouting subshrub. Ht up to 0.2 m. Alt 50–150 m. WC

acuminatum (Lam.) C.H.Stirt.
Psoralea acuminata Lam. (4)
Psoralea densa E.Mey. (4)

Perennial. Reseeding shrub. Ht up to 2 m. Alt 160–540 m. WC

arborescens C.H.Stirt.
Perennial. Tree or shrub. Ht up to 5 m. Alt 250–500 m. NC, WC

argenteum (Thunb.) C.H.Stirt.
Psoralea albicans Eckl. & Zeyh. (4)
Psoralea argentea Thunb. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt? NC, WC

bolusii (H.M.L.Forbes) C.H.Stirt.
Psoralea bolusii H.M.L.Forbes (4)
Perennial. Shrublet. Ht up to 0.4 m. Alt 30–1000 m. NC, WC

bowieanum (Harv.) C.H.Stirt.
Psoralea bowieana Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.5 m. Alt 60–650 m. WC

bracteolatum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea algoensis Eckl. & Zeyh. (4)
Psoralea bracteolata Eckl. & Zeyh. (4)
Perennial. Shrub. Ht up to 2 m. Alt 0–170 m. WC, EC

caffrum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea caffra Eckl. & Zeyh. (4)
Psoralea royffei H.M.L.Forbes (4)
Perennial. Shrub. Ht up to 2 m. Alt 550–3000 m. KZN, EC

candicans (Eckl. & Zeyh.) C.H.Stirt.
Psoralea candicans Eckl. & Zeyh. (4)
Perennial. Reseeding shrublet. Ht up to 1.2 m. Alt 130–920 m. WC, EC

canescens (Eckl. & Zeyh.) C.H.Stirt.
Psoralea canescens Eckl. & Zeyh. (5)
Perennial. Shrub. Ht up to 1.2 m. Alt 0–150 m. WC

carneum (E.Mey.) C.H.Stirt.
Psoralea carnea E.Mey. (4)
Perennial. Shrublet. Ht up to 0.2 m. Alt 550–600 m. WC, EC

decumbens (Aiton) C.H.Stirt. = **O. virgatum**

flexuosum C.H.Stirt.
Perennial. Shrub. Ht up to 2.5 m. Alt 250–850 m. NC

foliosum (Oliv.) C.H.Stirt. subsp. **gazense** (Baker f.) Verdc.
Psoralea foliosa Oliv. var. *gazensis* Baker f. (8)
Perennial. Shrub. Ht up to 2 m. Alt 1200–2100 m. LIM

fruticans (L.) C.H.Stirt.
Psoralea aculeata Thunb. (4)
Psoralea cuneifolia Dum.Cours. (4)
Psoralea fruticans (L.) Druce (4)
Perennial. Subshrub. Ht up to 0.4 m. Alt 160–400 m. WC

fumeum C.H.Stirt.
Perennial. Shrub. Ht up to 3 m. Alt 1600–3200 m. KZN

hamatum (Harv.) C.H.Stirt.
Psoralea hamata Harv. (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 300–1000 m. NC, WC

heterosepalum (Fourc.) C.H.Stirt.
Psoralea heterosepala Fourc. (4)
Perennial. Resprouting shrub. Ht up to 2 m. Alt 260–730 m. WC, EC

hirtum (L.) C.H.Stirt.
Psoralea hirta L. (4)
Psoralea stachydis L.f. (4)
Psoralea stachyos Thunb. (4)
Perennial. Shrub. Ht up to 2 m. Alt 160–330 m. WC

incanum C.H.Stirt.
Perennial. Subshrub. Ht up to 1 m. Alt 60–130 m. WC

lanceolatum C.H.Stirt.
Perennial. Resprouting decumbent subshrub. Ht up to 0.06 m. Alt 100–200 m. WC

macradenium (Harv.) C.H.Stirt.
Psoralea macradenia Harv. (4)
Perennial. Resprouting shrub. Ht up to 2 m. Alt 400–1850 m. WC

mundianum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea decumbens Willd. (4)
Psoralea mundiana Eckl. & Zeyh. (4)
Psoralea spathulata E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt 1200–1580 m. WC

nigricans C.H.Stirt.
Perennial. Shrub. Ht up to 1.5 m. Alt 1500–2100 m. M, S, KZN

obliquum (E.Mey.) C.H.Stirt.
Psoralea obliqua E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1.2 m. Alt 360–1300 m. WC

parviflorum (E.Mey.) C.H.Stirt.
Psoralea parviflora E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt 260–1160 m. WC

pictum C.H.Stirt.
Perennial. Shrub. Ht up to 2 m. Alt 630–1330 m. EC

polyphyllum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea polyphylla Eckl. & Zeyh. (4)
Perennial. Shrublet. Ht up to 1 m. Alt 400–600 m. EC

polystictum (Benth. ex Harv.) C.H.Stirt.
Psoralea polysticta Benth. ex Harv. (4)
Perennial. Shrub. Ht up to 2 m. Alt 450–2300 m. LIM, G, M, FS, KZN, L, EC

prodiens C.H.Stirt.
Perennial. Shrub. Ht up to 2.5 m. Alt 260–700 m. WC, EC

pungens C.H.Stirt.
Perennial. Decumbent shrublet. Ht up to 0.4 m. Alt 20–160 m. WC

pustulatum C.H.Stirt.
Perennial. Shrub. Ht up to 1 m. Alt 700–800 m. NC

racemosum (Thunb.) C.H.Stirt.
Psoralea hilaris Eckl. & Zeyh. (4)
Psoralea racemosa Thunb. (4)
Perennial. Resprouting subshrub. Ht up to 0.8 m. Alt 600–1400 m. WC

rotundifolium (L.f.) C.H.Stirt.
Psoralea rotundifolia L.f. (4)
Perennial. Resprouting subshrub. Ht up to 0.2 m. Alt 430–530 m. WC

rubicundum C.H.Stirt.
Perennial. Shrub or subshrub. Ht up to 1.5 m. Alt 1000–1460 m. WC

sericeum (Poir.) C.H.Stirt.
Eriosema capitatum E.Mey. (4)
Psoralea pedunculata Ker Gawl. (4)
Psoralea sericea Poir. (4)
Psoralea tomentosum Thunb. (4)
Perennial. Shrub or subshrub. Ht up to 2 m. Alt 10–600 m. WC, EC

spicatum (L.) C.H.Stirt.
Psoralea spicata L. (4)
Perennial. Reseeding shrub. Ht up to 3 m. Alt 30–400 m. WC

stachyerum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea stachyera Eckl. & Zeyh. (4)
Perennial. Reseeding shrub. Ht up to 3 m. Alt 200–1450 m. WC, EC

striatum (Thunb.) C.H.Stirt.
Psoralea eckloniana Otto (4)
Psoralea rupicola Eckl. & Zeyh. (4)
Psoralea stricta Thunb. (4)
Perennial. Tree or shrub. Ht up to 2.5 m. Alt 300–1000 m. NC, WC

swartbergense C.H.Stirt.
Perennial. Shrublet. Ht up to 0.3 m. Alt 1560–1860 m. WC

thomii (Harv.) C.H.Stirt.
Psoralea thomii Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.4 m. Alt 0–150 m. WC

trianthum (E.Mey.) C.H.Stirt.
Psoralea triantha E.Mey. (4)
Psoralea triflora Poir. (4)
Perennial. Shrub. Ht up to 2 m. Alt 100–500 m. WC

uncinatum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea cephalotes E.Mey. (4)
Psoralea uncinata Eckl. & Zeyh. (4)
Perennial. Subshrub. Ht up to 0.9 m. Alt 0–750 m. WC

venustum (Eckl. & Zeyh.) C.H.Stirt.
Psoralea venusta Eckl. & Zeyh. (4)
Perennial. Subshrub. Ht up to 1 m. Alt 100–200 m. WC

virgatum (Burm.f.) C.H.Stirt.
O. decumbens (Aiton) C.H.Stirt. (7)
Psoralea decumbens Aiton (7)
Perennial. Trailing resprouting subshrub. Ht up to 0.2 m. Alt 0–400 m. WC, EC

wilmsii (Harms) C.H.Stirt.
Psoralea wilmsii Harms (4)
Perennial. Tree or shrub. Ht up to 3 m. Alt 950–2300 m. LIM, M, S, KZN

zeyheri (Harv.) C.H.Stirt.
Psoralea zeyheri Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.4 m. Alt 60–800 m. WC

OTOPTERA DC. 3906000

Compiled by T. Nkonki

(1) Schreiber. 1970. *FSWA* 60: 93, 94.

burchellii DC.
Vigna burchellii (DC.) Harv. (1)
Perennial. Shrub, herb, climber. Ht 0.34–3 m. Alt 365–1650 m. N, B, LIM, NW, G, NC

PACHYRAPHEA C.Presl 3662040

propinqua (E.Mey.) C.Presl = **Aspalathus triquetra**

triquetra (Thunb.) C.Presl = **Aspalathus triquetra**

zeyheriana C.Presl = **Aspalathus triquetra**

PAHUDIA Miq. 3511000

quanzensis (Welw.) Prain = **Afzelia quanzensis**

*PARASERIANTHES I.C.Nielsen 3443010

Compiled by H.F. Glen

(1) Nielsen *et al.* 1983. *Bulletin du Muséum Nationale d'Histoire Naturale* 5: 335–360.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 227, 252.

lophantha (Willd.) I.C.Nielsen subsp. **lophantha**
Acacia lophantha Willd. (1)
Albizia distachya (Vent.) J.F.Macbr. (1)
Albizia lophantha (Willd.) Benth. (1)
Mimosa distachya Vent. (1)
Perennial. Tree, shrub. Ht 2.4–15 m. Alt 15–600 m. WC, EC

PARASPALATHUS C.Presl 3662050

aemula (E.Mey.) C.Presl = **Aspalathus aemula**

araneosa (L.) C.Presl = **Aspalathus araneosa**

argentea (L.) C.Presl = **Aspalathus caledonensis**

ascendens (E.Mey.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata**

callosa (L.) C.Presl = **Aspalathus callosa**

cancellata C.Presl = **Aspalathus araneosa**

capitata (L.) C.Presl = **Aspalathus capitata**

carnosa (P.J.Bergius) C.Presl = **Aspalathus carnosa**

cephalotes (Thunb.) C.Presl = **Aspalathus cephalotes** subsp. **cephalotes**

cerrhantha (Eckl. & Zeyh.) C.Presl = **Aspalathus cerrhantha**

cinerea (Thunb.) C.Presl = **Aspalathus cytisoides**

crocea C.Presl = **Aspalathus abietina**

cytisoides (Lam.) C.Presl = **Aspalathus cytisoides**

elongata (Eckl. & Zeyh.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata**

ericifolia (L.) C.Presl = **Aspalathus ericifolia** subsp. **ericifolia**

erythrodes (Eckl. & Zeyh.) C.Presl = **Aspalathus erythrodes**

fagonioides C.Presl = **Aspalathus tylodes**

filicaulis (Eckl. & Zeyh.) C.Presl = **Aspalathus filicaulis**

galeata (E.Mey.) C.Presl = **Aspalathus galeata**

globosa (Andrews) C.Presl = **Aspalathus globosa**

heterophylla ('Thunb.') C.Presl = **Aspalathus heterophylla**

humifusa C.Presl = **Aspalathus lotoides** subsp. **lotoides**

intermedia (Eckl. & Zeyh.) C.Presl = **Aspalathus intermedia**

jacobaea (E.Mey.) C.Presl = **Aspalathus quinquefolia** subsp. **quinquefolia**

lotoides (Thunb.) C.Presl = **Aspalathus lotoides** subsp. **lotoides**

melanoides (Eckl. & Zeyh.) C.Presl = **Aspalathus nigra**

meyeriana (Eckl. & Zeyh.) C.Presl = **Aspalathus ciliaris**

multiflora (Thunb.) C.Presl = **Aspalathus vermiculata**
nigra (L.) C.Presl = **Aspalathus nigra**
nigrescens (E.Mey.) C.Presl = **Aspalathus nigra**
plukenetiana (Eckl. & Zeyh.) C.Presl = **Aspalathus rugosa**
procumbens (E.Mey.) C.Presl = **Aspalathus lotoides** subsp. **lotoides**
psoraloides C.Presl = **Aspalathus psoraleoides**
purpurascens (E.Mey.) C.Presl = **Aspalathus ternata**
sericea (P.J.Bergius) C.Presl = **Aspalathus sericea**
stellaris (Eckl. & Zeyh.) C.Presl = **Aspalathus aspalathoides**
stenophylla (Eckl. & Zeyh.) C.Presl = **Aspalathus stenophylla**
villosa (Thunb.) C.Presl = **Aspalathus villosa**
virgata (Thunb.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata**

PARKINSONIA L. 3551000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 109–112.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 120.

***aculeata** L.
Perennial. Tree, shrub. Ht 6–9 m. Alt 500–1200 m. N, B, LIM, M, S, FS, KZN, NC, EC

africana Sond.
Perennial. Tree, shrub. Ht 0.4–6 m. Alt 100–1350 m. N, LIM, NW, NC

PAULETIA Cav. 3528060

bowkeri (Harv.) A.Schmitz = **Bauhinia bowkeri**
tomentosa (L.) A.Schmitz = **Bauhinia tomentosa**

PEARSONIA Dummer 3657010

Compiled by T. Nkonki

(1) Polhill. 1974. *Kew Bulletin* 29: 383–410.
(2) Germishuizen. 1998. *Bothalia* 28: 57, 58.

aristata (Schinz) Dummer
Lotononis aristata Schinz (1)
Perennial. Herb. Ht 0.15–1.8 m. Alt 152–1940 m. LIM, G, M, S, KZN

atherstonei Dummer = **P. sessilifolia** subsp. **marginata**

bracteata (Benth.) Polhill
Lotononis bracteata Benth. (1)
Perennial. Herb. Ht 0.1–0.35 m. Alt 1525–1713 m. LIM, G

cajanifolia (Harv.) Polhill subsp. **cajanifolia**
Pleiospora cajanifolia Harv. (1)
Pleiospora gracilior Dummer (1)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 855–1740 m. LIM, NW, G, M, FS

cajanifolia (Harv.) Polhill subsp. **cryptantha** (Baker) Polhill
Eriosema cryptantha Baker (1)
Pleiospora bolusii Dummer (1)
Pleiospora cryptantha (Baker) Baker (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.5 m. Alt 946–2257 m. LIM, G, M

filifolia (Bolus) Dummer = **P. sessilifolia** subsp. **filifolia**

grandifolia (Bolus) Polhill subsp. **grandifolia**
Lotononis grandifolia Bolus (1)
Pleiospora grandifolia (Bolus) Dummer (1)
Perennial. Herb. Ht? Alt 880–2075 m. FS, KZN

grandifolia (Bolus) Polhill subsp. **latibracteolata** (Dummer) Polhill
Phaenohoffmannia latibracteolata (Dummer) J.B.Gillett (1)
Pleiospora latibracteolata Dummer (1)
Perennial. Herb. Ht? Alt ?–2285 m. G, M, KZN

hirsuta Germish.
Perennial. Herb. Ht up to 0.15 m. Alt? M

marginata Dummer = **P. sessilifolia** subsp. **marginata**

mucronata Burtt Davy ex Baker f. = **P. sessilifolia** subsp. **sessilifolia**

obovata (Schinz) Polhill
Phaenohoffmannia obovata (Schinz) J.B.Gillett (1)
Pleiospora obovata Schinz (1)
Perennial. Herb. Ht 0.05–0.8 m. Alt 1235–2195 m. LIM, M

sessilifolia (Harv.) Dummer subsp. **filifolia** (Bolus) Polhill
Lotononis filifolia Bolus (1)
Lotononis rogersii Kensit (1)
P. filifolia (Bolus) Dummer (1)
Perennial. Herb. Ht 0.1–0.6 m. Alt 305–1675 m. LIM, M, S, KZN

sessilifolia (Harv.) Dummer subsp. **marginata** (Schinz) Polhill
Lotononis marginata Schinz (1)
Lotononis multiflora Schinz (1)
P. atherstonei Dummer (1)
P. marginata Dummer (1)
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 300–2135 m. LIM, M, S, KZN

sessilifolia (Harv.) Dummer subsp. **sessilifolia**
Lotononis sessilifolia Harv. (1)
P. mucronata Burtt Davy ex Baker f. (1)
Perennial. Dwarf shrub, herb. Ht 0.05–1 m. Alt 457–2195 m. LIM, NW, G, M, S, KZN

sessilifolia (Harv.) Dummer subsp. **swaziensis** (Bolus) Polhill
Lotononis swaziensis Bolus (1)
P. swaziensis (Bolus) Dummer (1)
Perennial. Dwarf shrub, herb. Ht 0.25–1 m. Alt 759–1371 m. M, S

swaziensis (Bolus) Dummer = **P. sessilifolia** subsp. **swaziensis**

uniflora (Kensit) Polhill
Lotononis uniflora Kensit (1)
Perennial. Herb. Ht 0.15–0.45 m. Alt 457–1525 m. LIM, NW, G, M, S

PELTARIA DC. 3661030

capensis Burm.f. = **Wiborgia fusca** subsp. **fusca**

PELTOPHORUM (Vogel) Benth. 3561000

Compiled by H.F. Glen

(1) Verdoorn. 1964. *The Flowering Plants of Africa* 36: t. 1434.
(2) Ross. 1977. *FSA* 16,2: 130–133.
(3) Lock. 1989. *Legumes of Africa*: 26.

africanum Sond.
Brasilettia africana (Sond.) Kuntze (2)
Perennial. Tree. Ht 0.5–18 m. Alt 60–1950 m. N, B, LIM, NW, G, M, S, KZN

PERLEBIA Spix & Mart. 3528070

galpinii (N.E.Br.) A.Schmitz = **Bauhinia galpinii**

macrantha (Oliv.) A.Schmitz = **Bauhinia petersiana** subsp. **macrantha**

natalensis (Oliv. ex Hook.) A.Schmitz = **Bauhinia natalensis**

petersiana (Bolle) A.Schmitz = **Bauhinia petersiana** subsp. **petersiana**

urbaniana (Schinz) A.Schmitz = **Bauhinia urbaniana**

PHAENOHOFFMANNIA Kuntze 3656000

latibracteolata (Dummer) J.B.Gillett = **Pearsonia grandifolia** subsp. **latibracteolata**

obovata (Schinz) J.B.Gillett = **Pearsonia obovata**

PHASEOLUS L. 3901000

amboensis Schinz = **Bolusia amboensis**

dinteri Harms = **Decorsea dinteri**

luteolus (Jacq.) Gagnep. = **Vigna luteola** var. **luteola**

schlechteri Harms = **Decorsea schlechteri**

vexillatus L. = **Vigna vexillata** var. **vexillata**

PHILENOPTERA Fenzl ex A.Rich. 3834010

Compiled by H.F. Glen

(1) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1543.
(2) Polhill. 1971. *FTEA* Leguminosae, part 3: 65–73.
(3) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1820.
(4) Schrire. 2000. *Kew Bulletin* 55: 81–94.

bussei (Harms) Schrire
Lonchocarpus bussei Harms (4)
Lonchocarpus fischeri Harms (2)
Lonchocarpus menyhartii Schinz (2)
Perennial. Tree. Ht 3–15 m. Alt 200–400 m. M

nelsii (Schinz) Schrire
Dalbergia nelsii Schinz (2)
Lonchocarpus nelsii (Schinz) Schinz ex Heering & Grimme (4)
Perennial. Tree, shrub. Ht 1–12 m. Alt 850–1450 m. N, B

sutherlandii (Harv.) Schrire
Millettia sutherlandii Harv. (4)
Perennial. Tree. Ht 2.5–21.5 m. Alt 50–750 m. S, KZN, EC

violacea (Klotzsch) Schrire
Capassa violacea Klotzsch (2)
Derris violacea (Klotzsch) Harms (2)
Lonchocarpus capassa Rolfe (4)
Lonchocarpus violaceus (Klotzsch) Oliv. (2)
Perennial. Tree. Ht 4.5–20 m. Alt 50–1250 m. N, B, LIM, M, S

PILIOSTIGMA Hochst. 3528010

Compiled by H.F. Glen

(1) Coetzer & Ross. 1977. *FSA* 16,2: 58–60.

thonningii (Schumach.) Milne-Redh.
Bauhinia thonningii Schumach. (1)
Locellaria bauhinioides Welw. (2)
Perennial. Tree, shrub. Ht 1–13 m. Alt 250–1525 m. N, B, LIM, M

PLAGIOSTIGMA C.Presl 3662060

pinea (Thunb.) C.Presl = **Aspalathus pinea** subsp. **pinea**

PLEIOSPORA Harv. 3656010

bolusii Dummer = **Pearsonia cajanifolia** subsp. **cryptantha**

cajanifolia Harv. = **Pearsonia cajanifolia** subsp. **cajanifolia**

cryptantha (Baker) Baker = **Pearsonia cajanifolia** subsp. **cryptantha**

gracilior Dummer = **Pearsonia cajanifolia** subsp. **cajanifolia**

grandifolia (Bolus) Dummer = **Pearsonia grandifolia** subsp. **grandifolia**

latibracteolata Dummer = **Pearsonia grandifolia** subsp. **latibracteolata**

obovata Schinz = **Pearsonia obovata**

PODALYRIA Willd. 3621000

Compiled by H.F. Glen

(1) Harvey & Sonder. 1862. *FC* 2: 9–14.
(2) Bolus. 1934. *Journal of Botany, London* 72: 22.
(3) Schelpe. 1987. *The Flowering Plants of Africa* 49: t. 1958.
(4) Van Wyk & Schutte. 1994. *Nordic Journal of Botany* 14: 319–325.

amoena Eckl. & Zeyh.
Perennial. Shrub. Ht 1–2 m. Alt 300–800 m. WC, EC

angustifolia Eckl. & Zeyh. = **P. argentea**

anomala Lehm. = **P. sericea**

argentea Salisb.
P. angustifolia Eckl. & Zeyh. (1)
P. biflora Sims (1)
P. cuneifolia Eckl. & Zeyh. (1)
P. liparioides Eckl. & Zeyh. (1)
P. pedunculata Eckl. & Zeyh. (1)
P. subbiflora Benth. (1)
Perennial. Shrub. Ht 0.9–1.2 m. Alt 150–900 m. WC

argentea Eckl. & Zeyh. = **P. biflora**

aurea (Aiton) Willd. = **Calpurnia aurea** subsp. **aurea**

biflora Lam.
P. argentea Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–2.5 m. Alt 50–1000 m. WC

biflora Sims = **P. argentea**

burchellii DC.
P. burchellii Eckl. & Zeyh. (1)
P. lancifolia Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.2–2.5 m. Alt 50–1450 m. WC, EC

burchellii Eckl. & Zeyh. = **P. burchellii**

buxifolia Eckl. & Zeyh. = **P. myrtillifolia**

buxifolia Lam. = **P. glauca**

buxifolia (Retz.) Willd.
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 15–1050 m. WC, EC

calyptrata (Retz.) Willd.
P. calyptrata (Retz.) Willd. var. *lanceolata* E.Mey. (3)
P. lanceolata Benth. (3)
P. myrtillifolia Eckl. & Zeyh. (1)
P. styracifolia Sims (1)
Perennial. Shrub. Ht 0.3–6 m. Alt 0–1250 m. WC, EC

calyptrata (Retz.) Willd. var. *lanceolata* E.Mey. = **P. calyptrata**

canescens E.Mey.
P. intermedia Eckl. & Zeyh. (1)
P. meyeriana Eckl. & Zeyh. (1)
P. thunbergiana Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.7–2.5 m. Alt 300–1700 m. WC, EC

canescens Eckl. & Zeyh. = **P. sericea**

capensis (L.) Willd. = **Virgilia oroboides** subsp. **oroboides**

chrysantha Adamson = **Stirtonanthus chrysanthus**

cordata R.Br.
Perennial. Shrub. Ht 0.5–4.5 m. Alt 300–1150 m. WC, EC

cuneifolia Eckl. & Zeyh. = **P. argentea**

cuneifolia Vent.
Perennial. Shrub. Ht 0.3–3 m. Alt 0–1050 m. WC, EC

genistoides Willd. in part = **Cyclopia galioides**

glauca DC.
P. buxifolia Lam. (1)
P. mundiana Eckl. & Zeyh. (1)
P. sparsiflora Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 50–1150 m. WC, EC

hamata E.Mey.
Perennial. Shrub. Ht 0.6–1 m. Alt 60–300 m. WC

hirsuta (Aiton) Willd.
Perennial. Shrub. Ht 0.7–2.5 m. Alt 50–1450 m. WC

insignis Compton = **Stirtonanthus insignis**

intermedia Eckl. & Zeyh. = **P. canescens**

lanceolata Benth. = **P. calyptrata**

lancifolia Eckl. & Zeyh. = **P. burchellii**

leipoldtii L.Bolus
Perennial. Shrub. Ht 1–3 m. Alt 150–1150 m. NC, WC

liparioides Eckl. & Zeyh. = **P. argentea**

meyeriana Eckl. & Zeyh. = **P. canescens**

microphylla E.Mey.
Perennial. Shrub. Ht 0.5–1 m. Alt 75–200 m. WC

montana Hutch.
Perennial. Shrub. Ht 0.7–1 m. Alt 150–1150 m. WC, EC

mundiana Eckl. & Zeyh. = **P. glauca**

myrtillifolia Eckl. & Zeyh. = **P. calyptrata**

myrtillifolia (Retz.) Willd.
P. buxifolia Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.2–3 m. Alt 0–850 m. WC, EC

oleaefolia Salisb.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 50–350 m. WC

orbicularis E.Mey.
Perennial. Shrub. Ht up to 0.6 m. Alt 300–750 m. WC, EC

pearsonii E.Phillips
Perennial. Shrub. Ht 0.3–1 m. Alt 300–1050 m. NC, WC

pedunculata Eckl. & Zeyh. = **P. argentea**

pulcherrima Schinz
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 100–750 m. WC

racemulosa Eckl. & Zeyh.
Perennial. Shrub. Ht 0.4–1 m. Alt 30–300 m. WC

reticulata Harv.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 90–600 m. WC

sericea (Andrews) R.Br. ex W.T.Aiton
P. anomala Lehm. (1)
P. canescens Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.3–3 m. Alt 0–550 m. WC, EC

sparsiflora Eckl. & Zeyh. = **P. glauca**

speciosa Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 75–575 m. WC

styracifolia Sims = **P. calyptrata**

subbiflora Benth. = **P. argentea**

tayloriana L.Bolus = **Stirtonanthus taylorianus**

thunbergiana Eckl. & Zeyh. = **P. canescens**

velutina Burch. ex Benth.
Perennial. Shrub. Ht 0.4–3 m. Alt 50–600 m. FS, KZN, WC, EC

POINCIANA (Tourn. ex L.) L. 3556000

gilliesii Wall. ex Hook. = **Caesalpinia gilliesii**

pulcherrima L. = **Caesalpinia pulcherrima**

spinosa Molina = **Caesalpinia spinosa**

POLHILLIA C.H.Stirt. 3660020

Compiled by T. Nkonki

(1) Stirton. 1986. *South African Journal of Botany* 52: 167–180; 354–356.
(2) Van Wyk & Schutte. 1989. *Kew Bulletin* 44,3: 420, 421.
(3) Van Wyk. 1992. *Bothalia* 22: 42, 43.

brevicalyx (C.H.Stirt.) B.-E.van Wyk & A.L.Schutte
Argyrolobium brevicalyx C.H.Stirt. (2)
Perennial. Shrub. Ht 0.3–0.4 m. Alt ?–210 m. WC

canescens C.H.Stirt.
Perennial. Shrub. Ht ?–1.5 m. Alt? WC

connata (Harv.) C.H.Stirt.
Argyrolobium connatum Harv. (1)
Genista connata (Harv.) Briq. (1)
Perennial. Shrub. Ht 1–1.2 m. Alt ?–1675 m. WC

involucrata (Thunb.) B.-E.van Wyk & A.L.Schutte
Argyrolobium involucratum (Thunb.) Harv. (2)
Genista involucrata (Thunb.) Briq. (2)
Melolobium involucratum (Thunb.) C.H.Stirt. (2)
Psoralea involucrata Thunb. (2)
Perennial. Shrub. Ht ?–1 m. Alt ?–1300 m. NC

obsoleta (Harv.) B.-E.van Wyk
Lebeckia waltersii C.H.Stirt. (3)
P. waltersii (C.H.Stirt.) C.H.Stirt. (3)
Perennial. Shrub. Ht 0.5–0.8 m. Alt ± 300 m. WC

pallens C.H.Stirt.
Perennial. Shrub. Ht ?–1 m. Alt ± 30 m. WC

waltersii (C.H.Stirt.) C.H.Stirt. = **P. obsoleta**

PRIESTLEYA DC. 3643000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 15–20.
(2) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles*: 1916.
(3) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 833.
(4) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 461, 462.
(5) Oliver *et al.* 1992. *Bothalia* 22: 47–51.
(6) Schutte & Van Wyk. 1994. *Taxon* 43: 573–582.
(7) Schutte. 1997. *Nordic Journal of Botany* 17,1: 11–37.

angustifolia Eckl. & Zeyh. = **Liparia angustifolia**

boucheri E.G.H.Oliv. & Fellingham = **Liparia boucheri**

calycina L.Bolus = **Liparia calycina**

capitata (Thunb.) DC. = **Liparia capitata**

capitata (Thunb.) DC. var. *pilosa* (E.Mey.) Harv. = **Liparia capitata**

cephalotes E.Mey. = **Liparia umbellifera**

cephalotes E.Mey. var. *angustifolia* E.Mey. = **Liparia umbellifera**

elliptica DC. = **Xiphotheca elliptica**

glauca Salter = **Xiphotheca lanceolata**

graminifolia (L.) DC. = **Liparia graminifolia**

guthriei L.Bolus = **Xiphotheca guthriei**

hirsuta (Thunb.) DC. = **Liparia hirsuta**

hirsuta (Thunb.) DC. var. *subenervia* Meisn. = **Liparia hirsuta**

hirsuta (Thunb.) DC. var. *trinervia* Meisn. = **Liparia hirsuta**

laevigata (L.) DC. = **Liparia laevigata**

laevigata (L.) DC. var. *glabra* E.Mey. = **Liparia capitata**

laevigata (L.) DC. var. *pilosa* E.Mey., excluding synonym = **Liparia capitata**

laevigata (L.) Druce
P. umbellifera Eckl. & Zeyh. (4)
Perennial. Shrub. Ht 1–2 m. Alt 610–1280 m. WC

lanceolata E.Mey. = **Xiphotheca lanceolata**

latifolia Benth. = **Liparia latifolia**

leiocarpa Eckl. & Zeyh. = **Liparia myrtifolia**

meyeri Meisn. = **Amphithalea imbricata**

myrtifolia DC. = **Liparia myrtifolia**

rotundifolia (Eckl. & Zeyh.) Walp. = **Xiphotheca tecta**

schlechteri L.Bolus = **Xiphotheca canescens**

sericea of author, concept invalid = **Xiphotheca reflexa**

stokoei L.Bolus = **Xiphotheca tecta**

tecta (Thunb.) DC. = **Xiphotheca tecta**

teres (Thunb.) DC. = **Liparia genistoides**

thunbergii Benth., illegitimate name = **Liparia laevigata**

thunbergii Benth. var. *villosa* Harv., illegitimate name = **Liparia laevigata**

tomentosa (L.) Druce = **Liparia vestita**

umbellifera Eckl. & Zeyh. = **P. laevigata**

umbellifera (Thunb.) DC. = **Liparia umbellifera**

vestita (Thunb.) DC. = **Liparia vestita**

villosa DC., illegitimate name = **Xiphotheca fruticosa**

villosa (Thunb.) Druce = **Liparia angustifolia**

*PROSOPIS L. 3454000

Compiled by T. Nkonki

(1) Isely. 1973. *Memoirs of the New York Botanical Garden* 25: 116–122.
(2) Ross. 1975. *FSA* 16,1: 6, 7.
(3) Burkart. 1976. *Journal of the Arnold Arboretum* 57: 219–249, 450–525.

chilensis (Molina) Stuntz
Perennial. Tree, shrub. Ht 3.5–10 m. Alt 90–1250 m. N, NC

elephantina (Burch.) E.Mey. = **Elephantorrhiza elephantina**

elephantorrhiza (DC.) Spreng. = **Elephantorrhiza elephantina**

glandulosa Torr. var. **glandulosa**
P. juliflora of author, not of (Sw.) DC., concept invalid (2)
Perennial. Tree, shrub. Ht 0.5–25 m. Alt 200–1400 m. N, B, NW, FS, NC, WC

glandulosa Torr. var. **torreyana** (Benson) Johnst.
Perennial. Tree, shrub. Ht 2–9 m. Alt 300–1300 m. N, NW, FS, NC, WC, EC

juliflora of author, not of (Sw.) DC., concept invalid = **P. glandulosa** var. **glandulosa**

pubescens Benth.
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 1000–1400 m. NC

velutina Wooton
Perennial. Tree, shrub. Ht 1–6 m. Alt 750–1400 m. NW, FS, NC, WC, EC

PSEUDARTHRIA Wight & Arn. 3808000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA* Leguminosae (part 3,1): 483–487.
(2) Schrire. 1988. *Bothalia* 18: 17.

hookeri Wight & Arn. var. **hookeri**
Perennial. Dwarf shrub, herb. Ht 0.3–3 m. Alt 30–1525 m. LIM, M, S, KZN, EC

PSEUDOCADIA Harms 3580010

zambesiaca (Baker) Harms = **Xanthocercis zambesiaca**

PSILOLEPUS C.Presl 3662070

bracteatus (Thunb.) C.Presl = **Aspalathus bracteata**

lanatus (E.Mey.) C.Presl = **Aspalathus lanata**

pedunculatus (L'Hér.) C.Presl = **Aspalathus bracteata**

PSORALEA L. 3703000

Compiled by M. Jordaan & H.F. Glen

(1) Harvey. 1862. *FC* 2: 143–157.
(2) Forbes. 1930. *Bothalia* 3: 116–136.
(3) Salter. 1939. *Journal of South African Botany* 5: 45, 46.
(4) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1029.
(5) Stirton. 1984. *Journal of South African Botany* 50: 461, 462.
(6) Stirton. 1995. *Kew Bulletin* 50: 619–622.
(7) Stirton. 1998. *South African Journal of Botany* 64: 244, 245.
(8) Stirton & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 500–503.
(9) Verdcourt. 2000. *FZ* 3,6: 48–50.
(10) Jordaan. Personal comunication.

abbottii C.H.Stirt.
Perennial. Procumbent subshrub. Length up to 1.5 m. Alt 300–1000 m. KZN, EC

acaulis Stev. ap. Hoffm. = **Bituminaria acaulis**

aculeata L.
Perennial. Shrub. Ht up to 2 m. Alt 30–900 m. WC

aculeata Thunb. = **Otholobium fruticans**

acuminata Lam. = **Otholobium acuminatum**

affinis Eckl. & Zeyh.
Perennial. Shrub. Ht up to 3 m. Alt 100–1800 m. WC, EC

alata (Thunb.) T.M.Salter
Hallia alata Thunb. (3)
Perennial. Prostrate shrublet. Ht up to 0.1 m. Length up to 0.6 m. Alt 100–1050 m. WC

albicans Thunb. = **Otholobium argenteum**

algoensis Eckl. & Zeyh. = **Otholobium bracteolatum**

angustifolia Jacq.

Perennial. Shrub or tree. Ht up to 4 m. Alt 330–1200 m. WC, EC

aphylla L.
P. decidua P.J.Bergius (1)
Perennial. Reseeding or resprouting shrub. Ht up to 4 m. Alt 80–1460 m. WC

aphylla L. × **P. pinnata** L.
Perennial. Shrub. Ht up to 1.5 m. Alt 250–1050 m. WC, EC

argentea Thunb. = **Otholobium argenteum**

arborea Sims
P. latifolia (Harv.) C.H.Stirt. (10)
P. pinnata L. var. *latifolia* Harv. (9)
Perennial. Shrub or subshrub. Ht up to 3 m. Alt 30–330 m. LIM, M, S, KZN, EC

asarina (P.J.Bergius) T.M.Salter
Hallia asarina (P.J.Bergius) Thunb. (3)
Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 20–1400 m. WC

axillaris Eckl. & Zeyh., not of L. = **P. glaucina**

axillaris L.
Perennial. Shrub. Ht up to 3 m. Alt 330–800 m. WC, EC

biflora Harv. = **Cullen biflora**

biovulata Bolus = **Amphithalea biovulata**

bituminosa L. = **Bituminaria bituminosa**

bolusii H.M.L.Forbes = **Otholobium bolusii**

bowieana Harv. = **Otholobium bowieanum**

bracteolata Eckl. & Zeyh. = **Otholobium bracteolatum**

caffra Eckl. & Zeyh. = **Otholobium caffrum**

candicans Eckl. & Zeyh. = **Otholobium candicans**

canescens Eckl. & Zeyh. = **Otholobium canescens**

carnea E.Mey. = **Otholobium carneum**

cataracta C.H.Stirt.
Hallia filiformis Harv. (5)
Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 150–600 m. WC

cephalotes E.Mey. = **Otholobium uncinatum**

cordata (L.) Salter = **P. monophylla**

corylifolia L. = **Cullen corylifolia**

cuneifolia Dum.Cours. = **Otholobium fruticans**

cytisoides L. = **Indigofera cytisoides**

decidua P.J.Bergius = **P. aphylla**

decumbens Aiton = **Otholobium virgatum**

decumbens Willd. = **Otholobium mundianum**

densa E.Mey. = **Otholobium acuminatum**

diffusa Eckl. & Zeyh. = **P. repens**

drupacea Bunge = **Cullen drupacea**

eckloniana Otto = **Otholobium striatum**

ensifolia (Houtt.) Merr.
Perennial. Resprouting shrub. Ht up to 1.2 m. Alt 0–1250 m. WC, EC

fascicularis DC.
P. thunbergiana Eckl. & Zeyh. (1)
Perennial. Resprouting shrub. Ht up to 2.5 m. Alt 100–600 m. WC

filifolia Thunb.
Perennial. Resprouting shrub. Ht up to 3 m. Alt 0–750 m. WC

foliosa Oliv. var. *gazensis* Baker f. = **Otholobium foliosum** subsp. **gazense**

fruticans (L.) Druce = **Otholobium fruticans**

glaucescens Eckl. & Zeyh.
Perennial. Shrub. Ht up to 2 m. Alt 760–1260 m. NC, WC

glaucina Harv.
P. axillaris Eckl. & Zeyh., not of L. (1)
Perennial. Shrublet. Ht 0.3–0.6 m. Alt 0–500 m. WC

glabra E.Mey.
P. pinnata L. var. *glabra* (E.Mey.) Harv. (9)
Perennial. Subshrub. Ht up to 1.5 m. Alt 0–300 m. KZN

gueinzii Harv.
Perennial. Subshrub. Ht up to 1 m. Alt 100–1250 m. WC

hamata Harv. = **Otholobium hamatum**

heterosepala Fourc. = **Otholobium heterosepalum**

hilaris Eckl. & Zeyh. = **Otholobium racemosum**

hirta L. = **Otholobium hirtum**

holubii Burtt Davy = **Cullen holubii**

imbricata (L.) T.M.Salter
Hallia imbricata (L.) Thunb. (3)
Perennial. Resprouting shrublet. Ht up to 0.5 m. Alt 180–800 m. WC

involucrata Thunb. = **Polhillia involucrata**

jaubertiana Fenzl = **Cullen jaubertiana**

keetii Schönland
Perennial. Resprouting shrub. Ht up to 2 m. Alt 830–1560 m. WC, EC

latifolia (Harv.) C.H.Stirt. = **P. arborea**

laxa T.M.Salter
Hallia virgata Thunb. (3)
Perennial. Prostrate shrublet. Length up to 0.4 m. Alt 30–1160 m. WC

linearis Burm.f. = **Aspalathus linearis**

macradenia Harv. = **Otholobium macradenium**

monophylla (L.) C.H.Stirt.
Hallia cordata (L.) Thunb. (5)
P. cordata (L.) Salter (5)
Perennial. Resprouting shrublet. Ht up to 0.3 m. Alt 230–1700 m. WC

mundiana Eckl. & Zeyh. = **Otholobium mundianum**

obliqua E.Mey. = **Otholobium obliquum**

obtusifolia DC. = **Cullen tomentosum**

odorata Blatt. & Halb. = **Cullen plicata**

odoratissima Jacq.
Perennial. Shrub. Ht up to 2 m. Alt 300–1330 m. WC

oligophylla Eckl. & Zeyh.
Perennial. Resprouting shrub. Ht up to 2 m. Alt 0–1850 m. WC, EC

oreophila Schltr.
Perennial. Shrublet. Ht up to 0.5 m. Alt 460–1660 m. WC

parviflora E.Mey. = **Otholobium parviflorum**

patersoniae Schönland = **Cullen corylifolia**

pedunculata Ker Gawl. = **Otholobium sericeum**

peratica C.H.Stirt.
Perennial. Tree or shrub. Ht up to 5 m. Alt 500–750 m. WC

pinnata L.
Perennial. Tree or shrub. Ht up to 4 m. Alt 230–1060 m. WC

pinnata L. var. *glabra* (E.Mey.) Harv. = **P. glabra**

pinnata L. var. *latifolia* Harv. = **P. arborea**

plauta C.H.Stirt.
Hallia flaccida Thunb. (5)
Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 240–1500 m. WC, EC

plicata Delile = **Cullen plicata**

polyphylla Eckl. & Zeyh. = **Otholobium polyphyllum**

polysticta Benth. ex Harv. = **Otholobium polystictum**

racemosa Thunb. = **Otholobium racemosum**

repens L.
P. diffusa Eckl. & Zeyh. (1)
Perennial. Prostrate shrublet. Ht up to 0.2 m. Alt 0–50 m. WC, EC

restioides Eckl. & Zeyh.
Perennial. Reseeding shrublet. Ht up to 0.6 m. Alt 30–960 m. WC

rotundifolia L.f. = **Otholobium rotundifolium**

royffei H.M.L.Forbes = **Otholobium caffrum**

rupicola Eckl. & Zeyh. = **Otholobium striatum**

sericea Poir. = **Otholobium sericeum**

spathulata E.Mey. = **Otholobium mundianum**

speciosa Eckl. & Zeyh.
Perennial. Shrub. Ht up to 2 m. Alt 600–1200 m. WC, EC

spicata L. = **Otholobium spicatum**

stachydis L.f. = **Otholobium hirtum**

stachyera Eckl. & Zeyh. = **Otholobium stachyerum**

stachyos Thunb. = **Otholobium hirtum**

stricta Thunb. = **Otholobium striatum**

tenuifolia L.
Perennial. Shrub or tree. Ht up to 5 m. Alt 260–830 m. WC

tenuissima E.Mey.
Perennial. Shrublet. Ht 0.3–0.6 m. Alt 960–1330 m. WC

tetragonoloba L. = **Cyamopsis tetragonoloba**

thomii Harv. = **Otholobium thomii**

thunbergiana Eckl. & Zeyh. = **P. fascicularis**

tomentosum Thunb. = **Otholobium sericeum**

triantha E.Mey. = **Otholobium trianthum**

triflora Poir. = **Otholobium trianthum**

triflora Thunb.
Perennial. Resprouting shrub. Ht up to 2 m. Alt 100–1000 m. WC, EC

uncinata Eckl. & Zeyh. = **Otholobium uncinatum**

venusta Eckl. & Zeyh. = **Otholobium venustum**

verrucosa Willd.
Perennial. Shrub. Ht up to 2 m. Alt 400–1600 m. WC, EC

wilmsii Harms = **Otholobium wilmsii**

zeyheri Harv. = **Otholobium zeyheri**

PTEROCARPUS Jacq. 3828000

Compiled by H.F. Glen

(1) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 622.
(2) Polhill. 1971. *FTEA* Leguminosae, part 3: 81–91.
(3) Rojo. 1971. *Phanerogamarum Monographiae* 5: 1–119.
(4) Ross. 1976. *The Flowering Plants of Africa* 43: t. 1700.

angolensis DC.
P. bussei Harms (2)
Perennial. Tree. Ht 5–20 m. Alt 300–1550 m. N, LIM, M, S, KZN

antunesii (Taub.) Harms = **P. lucens** subsp. **antunesii**

bussei Harms = **P. angolensis**

lucens Lepr. ex Guill. & Perr. subsp. **antunesii** (Taub.) Rojo
P. antunesii (Taub.) Harms (3)
Perennial. Tree. Ht 2.5–18 m. Alt 300–1150 m. N, B, LIM

peltaria DC. = **Wiborgia fusca** subsp. **fusca**

polyanthus Harms = **P. rotundifolius** subsp. **polyanthus**

rotundifolius (Sond.) Druce subsp. **polyanthus** (Harms) Mendonça & E.C.Sousa
P. polyanthus Harms (2)
Perennial. Tree. Ht 3–20 m. Alt 850–1000 m. N, B

rotundifolius (Sond.) Druce subsp. **rotundifolius**
Dalbergia rotundifolia Sond. (2)
Perennial. Tree, shrub. Ht 3–20 m. Alt 0–1550 m. N, B, LIM, NW, G, M, S, KZN

PTEROLOBIUM R.Br. ex Wight & Arn. 3553000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 114–117.
(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1858.

exosum (J.F.Gmel.) Baker f. = **P. stellatum**

lacerans R.Br. = **P. stellatum**

stellatum (Forssk.) Brenan
Acacia stellata (Forssk.) Willd. (1)
Cantuffa exosa J.F.Gmel. (1)
Mimosa stellata Forssk. (1)
P. exosum (J.F.Gmel.) Baker f. (1)
P. lacerans R.Br. (1)
Quartinia abyssinica A.Rich. (1)
Perennial. Shrub, climber. Ht 3–15 m. Alt 250–1550 m. LIM, M

PTYCHOLOBIUM Harms 3717010

Compiled by T. Nkonki

(1) Brummitt. 1965. *Regnum Vegetabile* 40: 24.

biflorum (E.Mey.) Brummitt subsp. **angolensis** (Baker) Brummitt
Sylitra angolensis Baker (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 420–1665 m. N

biflorum (E.Mey.) Brummitt subsp. **biflorum**
Sylitra biflora E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 610–1442 m. N, NC

contortum (N.E.Br.) Brummitt
Sylitra contorta (N.E.Br.) Baker f. (1)
Tephrosia contorta N.E.Br. (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 275–1100 m. B, LIM

plicatum (Oliv.) Harms subsp. **plicatum**
Tephrosia plicata Oliv. (3)
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 244–1129 m. B, LIM, NW, G, M, S

*PUERARIA DC. 3889000

Compiled by T. Nkonki

(1) Ohwi. 1965. *Flora of Japan*: 570.
(2) Maesen. 1985. *Agricultural University of Wageningen, Papers* 85-1: 1–132.

ficifolia (Benth.) L.Bolus = **Neorautanenia ficifolius**

lobata (Willd.) Ohwi var. **lobata**
Dolichos hirsutus Thunb. (2)
Perennial. Herb, climber. Ht up to 30 m. Alt 750–1000 m. M

PUSAETHA L. ex Kuntze 3468030

wahlbergii (Harv.) Kuntze = **Entada wahlbergii**

QUARTINIA A.Rich. 3553020

abyssinica A.Rich. = **Pterolobium stellatum**

RAFNIA Thunb. 3654000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 31–39.
(2) Schinz. 1894. *Bulletin de l'Herbier Boissier* 2: 183–228.
(3) Campbell & Van Wyk. 2001. *South African Journal of Botany* 67: 90–149.

acuminata (E.Mey.) G.J.Campbell & B.-E.van Wyk
Borbonia perfoliata Thunb. (3)
R. perfoliata of author, not of (L.) Willd. (3)
Vascoa perfoliata (Thunb.) DC. var. *acuminata* (E.Mey.) Walp. (3)
Perennial. Shrub. Ht ?–0.3 m. Alt? WC

affinis Harv. = **R. elliptica**

alata G.J.Campbell & B.-E.van Wyk
Perennial. Shrub. Ht 0.15–0.4 m. Alt 30–1830 m. WC

alpina Eckl. & Zeyh. = **R. triflora**

amplexicaulis Thunb.
Crotalaria amplexicaulis L. (3)
Crotalaria reniformis Lam. (3)
R. virens E.Mey. (3)
Vascoa amplexicaulis DC. (1)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 30–1295 m. NC, WC

angulata Thunb. subsp. **angulata**
R. angulata Thunb. var. *angustifolia* (Thunb.) E.Mey.
R. angulata Thunb. var. *filifolia* (Thunb.) E.Mey.
R. angulata Thunb. var. *latifolia* Harv.
R. filifolia Thunb. in part. (3)
Perennial. Dwarf shrub. Ht 0.3–2.2 m. Alt 75–2100 m. WC

angulata Thunb. subsp. **ericifolia** (T.M.Salter) G.J.Campbell & B.-E.van Wyk
R. ericifolia T.M.Salter (3)
Perennial. Shrub. Ht 0.2–0.5 m. Alt ?–92 m. WC

angulata Thunb. subsp. **humilis** (Eckl. & Zeyh.) G.J.Campbell & B.-E.van Wyk
R. humilis Eckl. & Zeyh. (3)
Perennial. Shrub. Ht ?–0.2 m. Alt? WC

angulata Thunb. subsp. **montana** G.J.Campbell & B.-E.van Wyk
Perennial. Shrub. Ht ?–0.15 m. Alt ?–2100 m. WC

angulata Thunb. subsp. **thunbergii** (Harv.) G.J.Campbell & B.-E.van Wyk
R. filifolia Thunb. in part. (3)
R. thunbergii Harv. (3)
Perennial. Dwarf shrub. Ht ?–1.5 m. Alt? WC

angulata Thunb. var. *angustifolia* (Thunb.) E.Mey. = **R. angulata** subsp. **angulata**

angulata Thunb. var. *filifolia* (Thunb.) E.Mey. = **R. angulata** subsp. **angulata**

angulata Thunb. var. *latifolia* Harv. = **R. angulata** var. **angulata**

axillaris in sense of Eckl. & Zeyh., not of Thunb. = **R. crassifolia**

axillaris Thunb. = **R. elliptica**

capensis (L.) Schinz subsp. **capensis**
Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 61–1829 m. WC

capensis (L.) Schinz subsp. **calycina** G.J.Campbell & B.-E.van Wyk
Perennial. Shrub. Ht 0.2–0.5 m. Alt 610–793 m. WC

capensis (L.) Schinz subsp. **carinata** G.J.Campbell & B.-E.van Wyk
Perennial. Shrub. Ht 0.3–0.4 m. Alt 960–1450 m. WC

capensis (L.) Schinz subsp. **dichotoma** (Eckl. & Zeyh.) G.J.Campbell & B.-E.van Wyk
R. dichotoma Eckl. & Zeyh. (3)
R. gibba (E.Mey.) Druce (3)
Perennial. Shrub. Ht 0.2–1 m. Alt 1128–1800 m. WC

capensis (L.) Schinz subsp. **elsieae** G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 1525–1678 m. WC

capensis (L.) Schinz subsp. **ovata** (P.J.Bergius) G.J.Campbell & B.-E.van Wyk
R. cuneifolia Thunb. (3)
R. cuneifolia Thunb. var. *lanceolata* Harv. (3)
R. cuneifolia Thunb. var. *obovata* Harv., superfluous name (3)
R. cuneifolia Thunb. var. *rhomboidea* (E.Mey.) Harv. (3)
R. ovata (P.J.Bergius) Schinz (3)
R. rhomboidea (E.Mey.) Walp. (3)
Perennial. Shrub. Ht 0.1–3 m. Alt 244–1037 m. WC

capensis (L.) Schinz subsp. **pedicellata** G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt 30–458 m. WC

cordata Eckl. & Zeyh. = **R. capensis** subsp. **ovata**

cordata (L.) Mart. = **R. triflora**

crassifolia Harv.
R. axillaris in sense of Eckl. & Zeyh., not of Thunb. (3)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 10–610 m. WC

crispa C.H.Stirt.
Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt? WC

cuneifolia in sense of E.Mey., not of Thunb. = **R. elliptica**

cuneifolia Thunb. = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *lanceolata* Harv. = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *obovata* Harv., superfluous name = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *rhomboidea* (E.Mey.) Harv. = **R. capensis** subsp. **ovata**

dichotoma Eckl. & Zeyh. = **R. capensis** subsp. **dichotoma**

diffusa Eckl. & Zeyh. = **R. triflora**

diffusa Thunb.
R. retroflexa in sense of Benth. (3)
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 30–1219 m. WC

divaricata Eckl. & Zeyh. ms. (never published)

elliptica Thunb.
R. affinis Harv. (3)
R. axillaris Thunb. (3)
R. cuneifolia in sense of E.Mey., not of Thunb. (3)
R. elliptica Benth. (1)
R. elliptica Thunb. var. *acuminata* Harv. (3)
R. elliptica Thunb. var. *erecta* Harv. (3)
R. elliptica Thunb. var. *intermedia* (Walp.) Harv. (3)
R. erecta in sense of Eckl. & Zeyh., not of Thunb. (3)
R. intermedia Benth. (1)
R. intermedia Vogel ex Walp. (3)
R. retroflexa in sense of Eckl. & Zeyh., not of Thunb. (3)
Perennial. Shrub. Ht 0.3–1 m. Alt 30–1341 m. KZN, WC, EC

elliptica Benth. = **R. elliptica**

elliptica Thunb. var. *acuminata* Harv. = **R. elliptica**

elliptica Thunb. var. *erecta* Harv. = **R. elliptica**

elliptica Thunb. var. *intermedia* (Walp.) Harv. = **R. elliptica**

erecta in sense of Eckl. & Zeyh., not of Thunb. = **R. elliptica**

ericifolia T.M.Salter = **R. angulata** subsp. **ericifolia**

fastigiata Eckl. & Zeyh. = **R. triflora**

filifolia Thunb. in part = **R. angulata** subsp. **angulata**

filifolia Thunb. in part = **R. angulata** subsp. **thunbergii**

gibba (E.Mey.) Druce = **R. capensis** subsp. **dichotoma**

globosa G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 488–820 m. WC

humilis Eckl. & Zeyh. = **R. angulata** subsp. **humilis**

inaequalis G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC

intermedia Benth. = **R. elliptica**

intermedia Vogel ex Walp. = **R. elliptica**

lancea Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt ?–61 m. WC

meyeri Schinz = **R. ovata**

ovata E.Mey.
R. meyeri Schinz.
Perennial. Dwarf shrub. Ht ?–1.2 m. Alt? WC

ovata (P.J.Bergius) Schinz = **R. capensis** subsp. **ovata**

perfoliata of author, not of (L.) Willd. = **R. acuminata**

racemosa Eckl. & Zeyh. subsp. **pumila** G.J.Campbell & B.-E.van Wyk
Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt? WC

racemosa Eckl. & Zeyh. subsp. **racemosa**
Perennial. Shrub. Ht 0.3–1.5 m. Alt 365–1798 m. WC

retroflexa in sense of Benth. = **R. diffusa**

retroflexa in sense of Eckl. & Zeyh., not of Thunb. = **R. elliptica**

retroflexa Thunb. var. *β* Thunb. ex Kies, naked name = **Cyclopia sessiliflora**

rhomboidea (E.Mey.) Walp. = **R. capensis** subsp. **ovata**

rostrata G.J.Campbell & B.-E.van Wyk subsp. **pluriflora** G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt? WC

rostrata G.J.Campbell & B.-E.van Wyk subsp. **rostrata**
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 976–1800 m. WC

schlechteriana Schinz
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 300–1400 m. WC

spicata Thunb.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 488–1400 m. WC

thunbergii Harv. = **R. angulata** subsp. **thunbergii**

triflora Thunb.
R. alpina Eckl. & Zeyh. (1)
R. cordata (L.) Mart. (3)
R. diffusa Eckl. & Zeyh. (1)
R. fastigiata Eckl. & Zeyh. (3)
Perennial. Shrub. Ht 0.3–2 m. Alt 10–915 m. KZN, WC

virens E.Mey. = **R. amplexicaulis**

vlokii G.J.Campbell & B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–2 m. Alt? WC

REICHARDIA Roth 3553030

decapetala Roth = **Caesalpinia decapetala**

REQUIENIA DC. 3718010

Compiled by T. Nkonki & N. Swelankomo

(1) Schreiber. 1970. *FSWA* 60: 99, 100.

pseudosphaerosperma (Schinz) Brummitt
Tephrosia pseudosphaerosperma Schinz (2)
Perennial. Shrub, herb. Ht 0.9–1.5 m. Alt 885–1300 m. N, B, LIM, NW

sphaerosperma DC.
Tephrosia sphaerosperma (DC.) Baker (2)
Perennial. Herb. Ht 0.2–1 m. Alt 900–1485 m. N, B, NW, FS, NC

RHYNCHOSIA Lour. 3897000

Compiled by G. Germishuizen

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 383, 384.
(2) Brown. 1906. *Kew Bulletin* 1906: 103.
(3) Baker. 1921. *Bothalia* 1: 113–138.
(4) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1497.
(5) Schreiber. 1970. *FSWA* 60: 100–106.
(6) Gillett *et al.* 1971. *FTEA* Leguminosae, part 4: 711–761.
(7) Germishuizen. 1987. *Bothalia* 17: 181, 182.
(8) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 112–114.
(9) Germishuizen & Condy. 1994. *Flowering Plants of Africa* 53: 32–35, t. 2087.
(10) Retief & Herman. 1997. *Strelitzia* 6: 465–467.
(11) Germishuizen. 1998. *Bothalia* 28: 58–60.
(12) Verdcourt. 1999. *Kew Bulletin* 55: 137–146.
(13) Germishuizen & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 509, 510.

adenodes Eckl. & Zeyh.
R. amatymbica Eckl. & Zeyh. (3)

Perennial. Herb, prostrate. Ht 0.1–0.6 m. Alt 10–2195 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

albiflora (Sims) Alston = **R. hirta**

albissima Gand.
Perennial. Subshrub, herb. Ht 0.3–1.2 m. Alt 90–1250 m. B, LIM, NW, G, M, S, KZN

amatymbica Eckl. & Zeyh. = **R. adenodes**

angulosa Schinz
Perennial. Herb. Ht ± 0.6 m. Alt 915–1450 m. M, S

angustifolia (Jacq.)DC.
R. uniflora Harv. (3)
Perennial. Climbing shrub. Ht? Alt? WC

argentea (Thunb.) Harv.
Glycine argentea Thunb. (3)
Perennial. Climbing shrub. Ht? Alt 360–1280 m. WC, EC

arida C.H.Stirt.
Perennial. Shrub. Ht up to 1 m. Alt 260–450 m. WC

atropurpurea Germish.
Perennial. Shrub, herb, climber. Ht up to 1 m. Alt? LIM, NW, M

bullata Benth. ex Harv.
Perennial. Shrublet. Ht 0.3–0.8 m. Alt 182–1065 m. NC, WC

cajanoides Guill. & Perr. = **Eriosema psoraleoides**

calvescens Meikle
R. caribaea in sense of Baker f., not of (Jacq.) DC. in part (3)
Perennial. Herb, climber. Ht up to 1.5 m. Alt 155–855 m. KZN, EC

candida (Welw. ex Hiern) Torre
R. memnonia (Delile) DC. var. *candida* (Welw. ex Hiern) Baker f. (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 550–750 m. N

capensis (Burm.f.) Schinz
Perennial. Herb, climber. Ht 0.15–1 m. Alt 6–1275 m. WC, EC

caribaea in sense of Baker f., not of (Jacq.) DC. in part = **R. calvescens**

caribaea in sense of F.White, not of (Jacq.) DC. = **R. stipitata**

caribaea (Jacq.) DC.
Glycine caribaea Jacq. (5)
R. congestiflora Schinz (5)
Perennial. Herb, climber. Ht 0.3–1 m. Alt 5–2010 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

chrysadenia Taub. = **R. densiflora** subsp. **chrysadenia**

chrysantha Schltr. ex Zahlbr. (insufficiently known)
Perennial. Herb. Ht? Alt? KZN

chrysoscias Benth. ex Harv.
Chrysoscias grandiflora E.Mey. (3)
Perennial. Climbing, resprouting shrub. Ht up to 1 m. Alt 154–700 m. WC, EC

ciliata (Thunb.) Schinz
Perennial. Resprouting shrublet or dwarf shrub. Ht 0.05–0.3 m. Alt 215–1980 m. WC, EC

clivorum S.Moore var. **clivorum**
Flemingia macrocalyx Baker f. (6)
Perennial. Shrub, herb. Ht 0.4–3 m. Alt 610–2000 m. LIM, M, S

confusa Burtt Davy
R. nervosa Benth. & Harv. var. *pauciflora* Harv. (3)
Perennial. Herb, climber. Ht 0.1–0.4 m. Alt 370–1560 m. N, B, LIM, NW, G, FS

congestiflora Schinz = **R. caribaea**

connata Baker f. (insufficiently known)
Perennial. Climber. Ht? Alt? KZN

cooperi (Harv. ex Baker f.) Burtt Davy
Perennial. Herb, climber. Ht? Alt 260–1830 m. KZN, L, EC

crassifolia Benth.
R. longipes Harms (3)
Perennial. Herb, procumbent, climber. Ht 0.2–0.3 m. Alt 610–1525 m. LIM, NW, G, M, S, KZN

cyanosperma Baker = **R. hirta**

densiflora (Roth) DC. subsp. **chrysadenia** (Taub.) Verdc.
R. chrysadenia Taub. (6)
R. fischeri Harms (6)
Perennial. Herb, climber. Ht 0.3–2 m. Alt 150–1372 m. N, B, LIM, NW, G, M, S, KZN

desertorum Harms = **R. fleckii**

dieterlenae Baker f.
Perennial. Herb, climber. Ht? Alt ?–1830 m. L

dinteri Schinz = **R. namaensis**

dregei (E.Mey.) Steud. = **Eriosema dregei**

emarginata Germish.
Perennial. Shrub. Ht 0.6–1 m. Alt 460–840 m. NC

ferulifolia Benth. ex Harv.
Perennial. Subshrub. Ht up to 0.1 m. Alt 15–380 m. WC

ficifolia Benth. = **Neorautanenia ficifolius**

fischeri Harms = **R. densiflora** subsp. **chrysadenia**

fleckii Schinz
R. desertorum Harms (5)
R. oligantha Harms (5)
Perennial. Herb. Ht? Alt? N

foliosa Markötter (insufficiently known)
Perennial. Herb. Ht up to 0.6 m. Alt? KZN

galpinii Baker f.
Perennial. Shrub. Ht up to 0.9 m. Alt 245–876 m. LIM, M, KZN

grandifolia Steud. (insufficiently known)
Perennial. Herb. Ht? Alt? EC

harmsiana Schltr. ex Zahlbr. var. **burchellii** Burtt Davy
Perennial. Herb, climber. Ht? Alt? EC

harmsiana Schltr. ex Zahlbr. var. **harmsiana**
Perennial. Herb, climber. Ht up to 1 m. Alt 365–1981 m. LIM, G, S, KZN, WC, EC

harveyi Eckl. & Zeyh.
Perennial. Herb, climber. Ht up to 0.3 m. Alt 90–1525 m. KZN, EC

hirsuta Eckl. & Zeyh.
Perennial. Herb, climber. Ht ± 0.2 m. Alt 10–2285 m. LIM, G, S, FS, KZN, L, EC

hirsuta Schinz = **R. venulosa**

hirta (Andrews) Meikle & Verdc.
Dolichos hirtus Andrews (6)
R. albiflora (Sims) Alston (6)
R. cyanosperma Baker (6)

Perennial. Herb, climber. Ht 2–8 m. Alt 755–1065 m. LIM, M

holosericea Schinz
Perennial. Herb, climber. Ht? Alt 915–1372 m. N, B, NW, FS, NC

jacottetii Schinz = **R. reptabunda**

komatiensis Harms
Perennial. Shrub. Ht 0.7–1.2 m. Alt 303–1435 m. LIM, M, S

leucoscias Benth. ex Harv.
Chrysoscias calucina E.Mey. (3)
Cylista argentea Eckl. & Zeyh. (3)
Perennial. Climbing shrub. Ht? Alt 15–1030 m. WC, EC

longipes Harms = **R. crassifolia**

memnonia (Delile) DC. var. *candida* (Welw. ex Hiern) Baker f. = **R. candida**

memnonia (Delile) DC. var. *prostrata* Harv. = **R. minima** var. **prostrata**

microscias Benth.
Chrysoscias parviflora E.Mey. (3)
Perennial. Climbing shrub. Ht up to 1.5 m. Alt 155–1065 m. WC, EC

minima (L.) DC. var. **falcata** (E.Mey.) Verdc.
Perennial. Herb, climber. Ht? Alt? N, B, LIM, NW, M, S, KZN

minima (L.) DC. var. **minima**
Dolichos minimus L. (6)
Perennial. Herb, climber. Ht? Alt 30–2440 m. N, B, LIM, NW, M, S, KZN

minima (L.) DC. var. **prostrata** (Harv.) Meikle
R. memnonia (Delile) DC. var. *prostrata* Harv. (6)
Perennial. Herb, climber, prostrate. Ht 0.1–1.5 m. Alt 30–1669 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

monophylla Schltr.
R. monophylla Schltr. var. *eylesii* Baker f. (6)
R. prostrata Suess., illegitimate name (6)
R. reptans Suess. (6)
Perennial. Herb, prostrate. Ht up to 0.5 m. Alt 610–2050 m. B, LIM, NW, G, M, S, KZN

monophylla Schltr. var. *eylesii* Baker f. = **R. monophylla**

namaensis Schinz
R. dinteri Schinz (5)
Perennial. Herb. Ht? Alt ?–1163 m. N

nervosa Benth. & Harv. var. **nervosa**
Perennial. Herb, prostrate. Ht? Alt 15–2440 m. LIM, NW, G, M, S, FS, KZN, EC

nervosa Benth. & Harv. var. *pauciflora* Harv. = **R. confusa**

nervosa Benth. & Harv. var. **petiolata** Burtt Davy (insufficiently known)
Perennial. Herb. Ht? Alt? G

nitens Benth.
Perennial. Shrub. Ht 0.3–2 m. Alt 155–1700 m. LIM, NW, G, M, S, KZN

oligantha Harms = **R. fleckii**

ovata J.M.Wood & M.S.Evans
Perennial. Herb. Ht? Alt 30–1035 m. KZN, EC

pauciflora Bolus
Perennial. Herb. Ht up to 0.5 m. Alt ?–1470 m. M, S

peglerae Baker f.
Perennial. Herb. Ht up to 0.5 m. Alt ?–460 m. EC

pentheri Schltr. ex Zahlbr. var. **hutchinsoniana** Burtt Davy
Perennial. Herb, prostrate. Ht? Alt? G, FS, KZN, L, EC

pentheri Schltr. ex Zahlbr. var. **pentheri**
Perennial. Herb, prostrate. Ht 0.25–0.7 m. Alt 36–2000 m. LIM, NW, G, M, FS, KZN, EC

pinnata Harv.
Perennial. Subshrub. Ht up to 0.1 m. Alt 5–45 m. WC

prostrata Suess., illegitimate name = **R. monophylla**

reptabunda N.E.Br.
R. jacottetii Schinz (7)
Perennial. Herb, climber. Ht up to 0.3 m. Alt 245–2200 m. LIM, NW, G, M, S, FS, KZN, EC

reptans Suess. = **R. monophylla**

resinosa (A.Rich.) Baker
Fagelia resinosa A.Rich. (6)
Perennial. Shrub, climber. Ht 0.6–1.5 m. Alt ?–1220 m. N, B, LIM

rogersii Schinz
Perennial. Herb. Ht up to 0.6 m. Alt ?–1220 m. M

rudolfii Harms (insufficiently known)

schlechteri Baker f.
Perennial. Shrub. Ht up to 3 m. Alt 540–600 m. NC

sigmoides Benth. ex Harv. = **R. villosa**

sordida (E.Mey.) Schinz
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–2 m. Alt 45–1740 m. LIM, NW, G, M, S, KZN, EC

spectabilis Schinz
Perennial. Shrub, dwarf shrub, herb. Ht 0.45–2.4 m. Alt 305–1645 m. LIM, M

sphaerocephala Baker = **Dolichos sericeus** subsp. **sericeus**

stenodon Baker f.
Perennial. Herb, climber. Ht? Alt 460–1935 m. KZN

stipitata Verdc.
R. caribaea in sense of F.White, not of (Jacq.) DC. (12)
Perennial. Climber. Ht 1.4–2 m. Alt? B

sublobata (Schumach.) Meikle
Glycine sublobata Schumach. (6)
Perennial. Herb, climber. Ht 0.5–2 m. Alt 155–1740 m. N, B, LIM, M, S

thorncroftii (Baker f.) Burtt Davy
Perennial. Shrub, herb. Ht 0.2–1 m. Alt 915–1824 m. LIM, M, S

totta (Thunb.) DC. var. **totta**
Glycine totta Thunb. (6)
Perennial. Herb, climber. Alt 50–2090 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

uniflora Harv. = **R. angustifolia**

vendae C.H.Stirt.
Perennial. Herb, climber. Ht 0.4–0.9 m. Alt 490–670 m. LIM

venulosa (Hiern) K.Schum.
Dolichos venulosus Hiern (5)
R. hirsuta Schinz (5)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 55–1725 m. N, B, LIM, NW, G, M, FS, KZN, EC

villosa (Meisn.) Druce
Eriosema villosum (Meisn.) C.A.Sm. (9)
R. sigmoides Benth. ex Harv. (3)

Perennial. Herb, prostrate. Ht 0.2–1 m. Alt 800–1950 m. M, KZN, EC

viscidula Steud.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1220 m. NC, WC

woodii Schinz
Perennial. Herb. Ht 0.15–1 m. Alt 600–2000 m. LIM, M, S, KZN

*ROBINIA L. 3733000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 106.
(2) Isely & Peabody. 1984. *Castanea* 49: 187–202.
(3) Cullen. 1995. *European garden flora* 4: 489, 490.

pseudoacacia L.
Perennial. Tree, shrub. Ht 1.5–25 m. Alt 1050–2000 m. G, FS, KZN

subdecandra L'Hér. = **Calpurnia aurea** subsp. **aurea**

uliginosa Willd. = **Derris trifoliata**

ROTHIA Pers. 3659000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA* Leguminosae, part 4: 811–813.

hirsuta (Guill. & Perr.) Baker
Lotononis desertorum Dummer (1)
Xerocarpus hirsutus Guill. & Perr. (1)
Annual. Herb. Ht ?–0.15 m. Alt 409–518 m. N, LIM

SARCOCALYX Walp. 3662080

capensis Walp. = **Aspalathus capensis**

SARCOPHYLLUS Thunb. 3662090

carnosus Thunb. = **Aspalathus capensis**

SAROTHAMNUS St.-Lag. 3682010

scoparius (L.) Wimm. ex W.D.J.Koch = **Cytisus scoparius**

SCHOTIA Jacq. 3506000

Compiled by H.F. Glen

(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 574.
(2) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 777.
(3) Codd. 1956. *Bothalia* 6: 515–533.
(4) Codd. 1973. *The Flowering Plants of Africa* 42: t. 1665.
(5) Ross. 1977. *FSA* 16,2: 23–33.

afra (L.) Thunb. var. **afra**
Guajacum afrum L. (3)
S. parvifolia Jacq. (5)
S. speciosa Jacq. (3)
S. speciosa Jacq. var. *tamarindifolia* (Afzel. ex Sims) Harv. (3)
S. tamarindifolia Afzel. ex Sims (3)
Theodora speciosa Medik. (3)
Perennial. Tree, shrub. Ht 0.5–7 m. Alt 0–750 m. WC, EC

afra (L.) Thunb. var. **angustifolia** (E.Mey.) Harv.
S. angustifolia E.Mey. (3)
Perennial. Tree, shrub. Ht 2.7–6 m. Alt 125–1250 m. N, NC, EC

angustifolia E.Mey. = **S. afra** var. **angustifolia**

brachypetala Sond.
S. brachypetala Sond. var. *pubescens* Burtt Davy (5)
S. rogersii Burtt Davy (3)
S. semireducta Merxm. (3)
Perennial. Tree. Ht 1–16 m. Alt 25–1800 m. LIM, G, M, S, KZN, EC

brachypetala Sond. var. *pubescens* Burtt Davy = **S. brachypetala**

capitata Bolle
S. tamarindifolia Afzel. ex Sims var. *forbesiana* Baill. (3)
S. transvaalensis Rolfe (3)
Theodora capitata (Bolle) Taub. (3)
Perennial. Tree, shrub. Ht 0.5–9 m. Alt 50–1250 m. M, S, KZN, EC

cuneifolia Gand. = **S. latifolia**

diversifolia Walp. = **S. latifolia**

latifolia Jacq.
Omphalobium schotia J.Jacq. ex DC. (3)
S. cuneifolia Gand. (3)
S. diversifolia Walp. (3)
Theodora latifolia (Jacq.) Taub. (5)
Perennial. Tree. Ht 0.6–10 m. Alt 0–1250 m. LIM, M, KZN, WC, EC

latifolia Jacq. × **S. afra** (L.) Thunb. form **A**
S. speciosa Jacq. var. *ovalifolia* Harv. (3)
S. stipulata W.T.Aiton (3)
Theodora stipulata (W.T.Aiton) Eckl. & Zeyh. (5)
Perennial. Tree, shrub. Ht 2–3 m. Alt 0–750 m. WC, EC

latifolia Jacq. × **S. afra** (L.) Thunb. form **B**
Perennial. Tree, shrub. Ht 3–8 m. Alt 0–350 m. EC

parvifolia Jacq. = **S. afra** var. **afra**

rogersii Burtt Davy = **S. brachypetala**

semireducta Merxm. = **S. brachypetala**

speciosa Jacq. = **S. afra** var. **afra**

speciosa Jacq. var. *ovalifolia* Harv. = **S. latifolia** × **S. afra** form **A**

speciosa Jacq. var. *tamarindifolia* (Afzel. ex Sims) Harv. = **S. afra** var. **afra**

stipulata W.T.Aiton = **S. latifolia** × **S. afra** form **A**

tamarindifolia Afzel. ex Sims = **S. afra** var. **afra**

tamarindifolia Afzel. ex Sims var. *forbesiana* Baill. = **S. capitata**

transvaalensis Rolfe = **S. capitata**

SCYTALISE E.Mey. 3905010

tenuis E.Mey. var. *ovata* E.Mey. = **Vigna unguiculata** subsp. **tenuis** var. **ovata**

SENNA Mill. 3536020

Compiled by H.F. Glen

(1) Gordon-Gray. 1977. *FSA* 16,2: 69–108.
(2) Samant & Shete. 1987. *Proceedings of the Indian Academy of Science* 97: 337–346.
(3) Lock. 1988. *Kew Bulletin* 43: 333–342.
(4) Lock. 1989. *Legumes of Africa*: 36–40.
(5) Luckow. 1996. *Baileya* 23: 195–241.

***bicapsularis** (L.) Roxb.
Cassia bicapsularis L. (3)
Cassia transversali-seminata De Wild. (3)
Perennial. Shrub. Ht 0.1–2 m. Alt 0–700 m. M, S, KZN

***corymbosa** (Lam.) Irwin & Barneby
Cassia corymbosa Lam. (3)
Perennial. Shrub. Ht 2–3 m. Alt 700–1450 m. G, M, KZN, EC

***didymobotrya** (Fresen.) Irwin & Barneby
Cassia didymobotrya Fresen. (3)
Cassia nairobensis Aggeler & Musser (3)
Perennial. Shrub. Ht 0.6–7 m. Alt 0–1350 m. LIM, G, M, S, KZN, WC, EC

***hirsuta** (L.) Irwin & Barneby
Cassia hirsuta L. (3)
Cassia tomentosa in sense of H.M.L.Forbes, misapplied name (3)
Perennial. Shrub. Ht 1–2.7 m. Alt 0–700 m. M, KZN

italica Mill. subsp. **arachoides** (Burch.) Lock
Cassia arachoides Burch. (3)
Cassia italica (Mill.) Lam. ex F.W.Andrews subsp. *arachoides* (Burch.) Brenan (3)
Cassia obovata Collad. var. *mucronata* Burtt Davy (3)
Cassia obovata Collad. var. *pilosa* Burtt Davy (3)
Perennial. Herb. Ht 0.4–1 m. Alt 50–1450 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

italica Mill. subsp. **micrantha** (Brenan) Lock
Cassia italica (Mill.) Lam. ex F.W.Andrews subsp. *micrantha* Brenan (3)
Cassia obovata Collad. var. *pallidiflora* Dinter (3)
Perennial. Herb. Ht 0.1–0.4 m. Alt 850–1250 m. N, B

***multiglandulosa** (Jacq.) Irwin & Barneby
Cassia multiglandulosa Jacq. (5)
Cassia tomentosa L.f. (3)
Perennial. Shrub. Ht 1.8–7.5 m. Alt 35–2200 m. G, FS, KZN, WC, EC

***multijuga** (Rich.) Irwin & Barneby
Cassia multijuga Rich. (3)
Perennial. Tree. Ht 2–9 m. Alt 1100–1200 m. S

***obtusifolia** (L.) Irwin & Barneby
Cassia obtusifolia L. (3)
Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt 850–1050 m. N, B, M

***occidentalis** (L.) Link
Cassia occidentalis L. (3)
Annual, occ. perennial. Shrub, herb. Ht 0.5–2 m. Alt 0–1550 m. N, B, LIM, NW, G, M, S, KZN

***pendula** (Willd.) Irwin & Barneby var. **glabrata** (Vogel) Irwin & Barneby
Cassia coluteoides Collad. (3)
Cassia indecora Kunth var. *glabrata* Vogel (3)
Perennial. Shrub. Ht 1–4 m. Alt 0–1350 m. N, LIM, G, M, S, KZN, EC

petersiana (Bolle) Lock
Cassia delagoensis Harv. (3)
Cassia petersiana Bolle (3)
Perennial. Tree, shrub. Ht 0.8–7 m. Alt 50–1200 m. LIM, M, S, KZN

***septemtrionalis** (Viv.) Irwin & Barneby
Cassia floribunda in sense of Brenan, not of Cav., misapplied name (3)
Cassia laevigata Willd. (3)
Cassia septemtrionalis Viv. (5)
Perennial. Tree, shrub, dwarf shrub. Ht 0.5–4.5 m. Alt 0–1850 m. LIM, NW, G, M, S, KZN, WC, EC

septemtrionalis (Viv.) Irwin & Barneby × **S. bicapsularis** (L.) Roxb.
Cassia floribunda in sense of Brenan, not of Cav. × *C. bicapsularis* L. (3)
Perennial. Shrub. Ht 1–2.5 m. Alt 500–1250 m. M

septemtrionalis (Viv.) Irwin & Barneby × **S. multiglandulosa** (Jacq.) Irwin & Barneby
Cassia floribunda in sense of Brenan, not of Cav. × *C. tomentosa* L.f. (3)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 0–900 m. KZN, WC, EC

***siamea** (Lam.) Irwin & Barneby
Cassia siamea Lam. (3)
Perennial. Tree. Ht 3–12 m. Alt 250–1250 m. M, S, KZN

singueana (Delile) Lock
Cassia goratensis Fresen. (3)
Cassia singueana Delile (3)
Cassia sinqueana in sense of author, not of Delile, orthographic error, misapplied name (3)
Cassia zanzibarensis Vatke (3)
Perennial. Tree, shrub. Ht 1–6 m. Alt 1100–1950 m. N

SESBANIA Scop. 3747000

Compiled by H.F. Glen

(1) Phillips & Hutchinson. 1921. *Bothalia* 1: 40–56.
(2) Gillett. 1963. *Kew Bulletin* 17: 91–159.
(3) Gillett. 1971. *FTEA* Leguminosae 3: 330–351.
(4) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1856.
(5) Lock. 1989. *Legumes of Africa*: 460–464.
(6) Burkart. 1967. *Flora de la Provincia de Buenos Aires* 3: 497–500.
(7) Burkart. 1951. *Darwiniana* 9: 387–396.

aculeata (Willd.) Pers. = **S. bispinosa** var. **bispinosa**

aegyptiaca in sense of Baker, misapplied name = **S. sesban** subsp. **sesban** var. **nubica**

aegyptiaca Pers. = **S. sesban** subsp. **sesban** var. **sesban**

aegypticus Poir. = **S. sesban** subsp. **sesban** var. **sesban**

***bispinosa** (Jacq.) W.Wight var. **bispinosa**
S. aculeata (Willd.) Pers. (2)
Biennial. Tree, herb. Ht 1–4 m. Alt 50–1350 m. N, B, LIM, NW, M, S, KZN

brevipedunculata J.B.Gillett
Annual. Herb. Ht 0.6–1.5 m. Alt 850–1400 m. B, LIM, NW

cinerascens in sense of Baker, misapplied name = **S. macrantha** var. **levis**

cinerascens Welw. ex Baker
Perennial. Shrub, herb. Ht 2.5–5 m. Alt 850–1100 m. N, B

coerulescens Harms
S. hookii De Wild. (2)
Perennial. Shrub. Ht 3–5 m. Alt 850–1100 m. N

hamata E.Phillips & Hutch. = **S. tetraptera**

hookii De Wild. = **S. coerulescens**

kirkii E.Phillips & Hutch. = **S. tetraptera**

macowaniana Schinz
Annual. Herb. Ht 0.5–1.5 m. Alt 800–1250 m. N, B, LIM

macrantha E.Phillips & Hutch. var. **levis** J.B.Gillett
S. cinerascens in sense of Baker, misapplied name (3)
Perennial. Herb. Ht 1–6 m. Alt 150–1800 m. LIM, G, M, S, KZN

macrantha E.Phillips & Hutch. var. **macrantha**
Perennial. Tree, herb. Ht 1–6 m. Alt 150–1800 m. LIM, G, M

marginata Benth. = **S. virgata**

microphylla E.Phillips & Hutch.
S. mossambicensis in sense of E.Phillips & Hutch., misapplied name (3)
Annual. Herb. Ht 1–4 m. Alt 850–1100 m. N, B

mossambicensis in sense of E.Phillips & Hutch., misapplied name = **S. microphylla**

notialis J.B.Gillett
Annual. Herb. Ht 0.4–0.9 m. Alt 1150–1550 m. NW, FS, NC

pachycarpa DC. subsp. **dinterana** J.B.Gillett
Annual. Herb. Ht 1–2.5 m. Alt 200–1500 m. N

pachycarpa DC. subsp. **pachycarpa**
Annual. Herb. Ht 1–2 m. Alt 850–1500 m. N

pterocarpa Welw. ex Romariz = **S. sphaerosperma**

***punicea** (Cav.) Benth.
S. tripetii (Poit.) Hort. ex F.T.Hubb. (6)
Annual. Tree, shrub. Ht 2–4 m. Alt 0–1550 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rogersii E.Phillips & Hutch.
Annual. Herb. Ht 0.3–0.7 m. Alt 175–275 m. M

rostrata Bremek. & Oberm.
Perennial. Shrub, herb. Ht 1–2.5 m. Alt 900–1100 m. B

sesban (L.) Merr. subsp. **sesban** var. **nubica** Chiov.
S. aegyptiaca in sense of Baker, misapplied name (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 0–1500 m. N, B, LIM, G, M, S, KZN, EC

sesban (L.) Merr. subsp. **sesban** var. **sesban**
S. aegyptiaca Pers. (3)
S. aegypticus Poir. (3)
Perennial. Tree. Ht 1–3 m. Alt 150–1200 m. LIM, KZN

sesban (L.) Merr. subsp. **sesban** var. **zambesiaca** J.B.Gillett
Perennial. Tree, shrub. Ht 1–4 m. Alt 500–1500 m. N, B, LIM

sphaerocarpa Hiern = **S. sphaerosperma**

sphaerosperma Welw.
S. pterocarpa Welw. ex Romariz (2)
S. sphaerocarpa Hiern (2)
Annual. Herb. Ht 1–3 m. Alt 750–1200 m. N

tetraptera Hochst. ex Baker
S. hamata E.Phillips & Hutch. (3)
S. kirkii E.Phillips & Hutch. (3)
Annual. Herb. Ht 1–2 m. Alt 800–1100 m. B, LIM

transvaalensis J.B.Gillett
Annual. Herb. Ht 0.8–2.5 m. Alt 1000–1450 m. LIM, NW, G, M, FS

tripetii (Poit.) Hort. ex F.T.Hubb. = **S. punicea**

***virgata** (Cav.) Pers.
S. marginata Benth. (7)
Perennial, shrub. Ht 1–2 m. Alt 0–600 m. EC

SMITHIA Aiton 3796000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,1: 15.

erubescens (E.Mey.) Baker f.
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.75 m. Alt 305–2100 m. LIM, G, M, S, KZN, EC

parvifolia Burtt Davy = **Kotschya parvifolia**

thymodora Baker f. = **Kotschya parvifolia**

SOPHORA L. 3602000

Compiled by H.F. Glen

(1) Brummitt & Gillett. 1966. *Kirkia* 5: 259–270.
(2) Polhill. 1971. *FTEA* Leguminosae, part 3: 43–46.
(3) Cullen. 1995. *European garden flora* 4: 485, 486.

aurea Aiton = **Calpurnia aurea** subsp. **aurea**

capensis L. = **Virgilia oroboides** subsp. **oroboides**

galioides P.J.Bergius = **Cyclopia galioides**

genistoides L. = **Cyclopia genistoides** var. **genistoides**

genistoides Thunb. = **Cyclopia galioides**

inhambanensis Klotzsch
S. nitens Harv. (2)
Perennial. Tree, shrub. Ht 1–4 m. Alt 0–50 m. KZN

***japonica** L.
Perennial. Tree. Ht 2–6 m. Alt 700–1500 m. G, FS, EC

nitens Harv. = **S. inhambanensis**

oroboides P.J.Bergius = **Virgilia oroboides** subsp. **oroboides**

sylvatica Burch. = **Calpurnia aurea** subsp. **aurea**

*SPARTIUM L. 3674000

Compiled by H.F. Glen

(1) Heywood. 1968. *Flora europaea* 2: 101.

junceum L.
Perennial. Shrub. Ht 1.5–4 m. Alt 0–1500 m. G, M, WC, EC

sophoroides P.J.Bergius = **Hypocalyptus sophoroides**

SPHENOSTYLIS E.Mey. 3907000

Compiled by T. Nkonki

(1) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1010.
(2) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1521.

angustifolia Sond.
Vigna angustifolia Benth. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.8 m. Alt 105–2225 m. LIM, NW, G, M, S, FS, KZN

marginata E.Mey. subsp. **marginata**
Vigna marginata (E.Mey.) Benth. (2)
Perennial. Dwarf shrub, herb, climber. Ht 0.15–1.8 m. Alt 15–1280 m. LIM, M, S, KZN

STIRTONANTHUS B.-E.van Wyk & A.L.Schutte 3621020

Compiled by T. Nkonki

(1) Van Wyk & Schutte. 1995. *Nordic Journal of Botany* 15: 67.

chrysanthus (Adamson) B.-E.van Wyk & A.L.Schutte
Podalyria chrysantha Adamson (1)
Stirtonia chrysantha (Adamson) B.-E.van Wyk & A.L.Schutte (1)
Perennial. Shrub. Ht 1.5–4 m. Alt 900–1250 m. WC

insignis (Compton) B.-E.van Wyk & A.L.Schutte
Podalyria insignis Compton (1)
Stirtonia insignis (Compton) B.-E.van Wyk & A.L.Schutte (1)
Perennial. Shrub. Ht 1–2 m. Alt 600–900 m. WC

taylorianus (L.Bolus) B.-E.van Wyk & A.L.Schutte
Podalyria tayloriana L.Bolus (1)
Stirtonia tayloriana (L.Bolus) B.-E.van Wyk & A.L.Schutte (1)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 850–1200 m. WC

STIRTONIA B.-E.van Wyk & A.L.Schutte 3621010

chrysantha (Adamson) B.-E.van Wyk & A.L.Schutte = **Stirtonanthus chrysanthus**

insignis (Compton) B.-E.van Wyk & A.L.Schutte = **Stirtonanthus insignis**

tayloriana (L.Bolus) B.-E.van Wyk & A.L.Schutte = **Stirtonanthus taylorianus**

STIZOLOBIUM Pers. 3877010

deeringianum Bort = **Mucuna pruriens** var. **utilis**

niveum (Roxb.) Kuntze = **Mucuna pruriens** var. **utilis**

pruriens (L.) Medik. = **Mucuna pruriens** var. **pruriens**

STYLOSANTHES Sw. 3802000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,1: 59.
(2) Gillett *et al.* 1971. *FTEA* Leguminosae (part 3,1): 437.

fruticosa (Retz.) Alston
Arachis fruticosa Retz. (2)
S. mucronata Willd. (2)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 15–1370 m. N, B, LIM, NW, G, M, S, KZN

mucronata Willd. = **S. fruticosa**

SUTHERLANDIA R.Br. ex W.T.Aiton 3754000

Compiled by T. Nkonki & N. Swelankomo

(1) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 193.
(2) Phillips & Dyer. 1934. *Revista sudamericana de botánica* 1: 70–80.

frutescens (L.) R.Br.
Colutea frutescens L. (2)
Perennial. Shrub, dwarf shrub. Ht 0.4–3 m. Alt 10–2318 m. N, B, M, FS, KZN, L, NC, WC, EC

humilis E.Phillips & R.A.Dyer
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 915–1540 m. FS, WC, EC

microphylla Burch. ex DC.
Perennial. Shrub. Ht 0.6–1.3 m. Alt 458–2200 m. B, LIM, NW, G, M, FS, L, NC, WC, EC

montana E.Phillips & R.A.Dyer
Perennial. Shrub. Ht 1–2 m. Alt 1140–2318 m. KZN, EC

speciosa E.Phillips & R.A.Dyer (insufficiently known)
Perennial. Shrub. Ht? Alt? NC

tomentosa Eckl. & Zeyh.
Perennial. Shrub. Ht 0.4–0.9 m. Alt? WC

SWARTZIA Schreb. 3574000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 136–138.

madagascariensis Desv.
Tounatea madagascariensis (Desv.) Baill. (1)
Perennial. Tree. Ht 0.6–12 m. Alt 850–1075 m. N, B

SYLITRA E.Mey. 3717000

angolensis Baker = **Ptycholobium biflorum** subsp. **angolensis**

biflora E.Mey. = **Ptycholobium biflorum** subsp. **biflorum**

contorta (N.E.Br.) Baker f. = **Ptycholobium contortum**

***TAMARINDUS** L. 3508000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 37–40.

indica L.
Perennial. Tree. Ht 5–25 m. Alt 0–1250 m. NW, KZN

TARA Molina 3559040

spinosa (Molina) Britton & Rose = **Caesalpinia spinosa**

TELINA E.Mey. 3657070

varia E.Mey. = **Lotononis varia**

TEPHROSIA Pers. 3718000

Compiled by T. Nkonki & N. Swelankomo

(1) Baker. 1926. *Leguminosae of tropical Africa* 1: 170–215.
(2) Forbes. 1948. *Bothalia* 4: 951–1000.
(3) Gillett. 1958. *Kew Bulletin* 13: 111–132.
(4) Brummitt. 1967. *Boletim da Sociedade Broteriana* 41: 219–393.
(5) Schrire. 1985. *Bothalia* 15: 551, 552.
(6) Schrire. 1987. *Bothalia* 17: 7–15.
(7) Lock. 1989. *Legumes of Africa*: 367–386.
(8) Schrire. 1991. *The Flowering Plants of Africa* 51: t. 2036.

acaciifolia Baker
Cracca acaciaefolia Kuntze (2)
T. salicifolia Schinz (2)
Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt ?–1210 m. N, LIM, G, M

aemula (E.Mey.) Harv. = **T. macropoda** var. **diffusa**

aequilata Baker subsp. **australis** Brummitt
Perennial. Shrub. Ht 1–2 m. Alt 1007–1538 m. LIM

albissima H.M.L.Forbes subsp. **albissima**
Perennial. Herb. Ht? Alt 763–1220 m. S, KZN, EC

albissima H.M.L.Forbes subsp. **zuluensis** (H.M.L.Forbes) Schrire
T. unifolia H.M.L.Forbes (6)
T. zuluensis H.M.L.Forbes (6)
Perennial. Herb. Ht ?–0.5 m. Alt ?–1281 m. KZN

amoena E.Mey. = **T. kraussiana**

angustissima Engl. = **T. longipes** subsp. **longipes** var. **longipes**

anthylloides Hochst. ex Webb = **T. uniflora** subsp. **uniflora**

apiculata H.M.L.Forbes = **T. natalensis** subsp. **natalensis**

apollinea in sense of Klotzsch, misapplied name = **T. villosa** subsp. **ehrenbergiana** var. **ehrenbergiana**

armitageana Chiov. = **T. macropoda** var. **macropoda**

bachmannii Harms
Perennial. Shrub, dwarf shrub, herb. Ht 0.5–3 m. Alt 15–1184 m. KZN, EC

brachyloba E.Mey. = **T. dregeana** var. **dregeana**

brummittii Schrire
Perennial. Herb. Ht ?–0.6 m. Alt 300–1220 m. S, KZN

burchellii Burtt Davy
Annual, occ. perennial. Herb. Ht 0.1–0.7 m. Alt 280–1474 m. N, B, LIM, NW, G, M, FS, KZN, NC

caerulea Baker f. subsp. **caerulea**
Perennial. Herb. Ht 0.3–1 m. Alt? B

caerulea Baker f. subsp. **otaviensis** (Dinter) A.Schreib. & Brummitt
T. otaviensis Dinter (4)
Perennial. Herb. Ht 0.5–0.7 m. Alt ?–1080 m. N, B

canescens E.Mey. = **T. purpurea** subsp. **canescens**

capensis (Jacq.) Pers. var. **acutifolia** E.Mey.
Perennial. Shrub, dwarf shrub, herb. Ht 0.03–0.5 m. Alt 30–1403 m. G, M, WC, EC

capensis (Jacq.) Pers. var. **angustifolia** E.Mey.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1983 m. LIM, NW, G, M, FS, WC, EC

capensis (Jacq.) Pers. var. **capensis**
Galega pallens Aiton (10)
T. ternatifolia R.G.N.Young (10)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–3 m. Alt 945–1983 m. LIM, NW, G, M, FS, KZN, L, WC, EC

capensis (Jacq.) Pers. var. **hirsuta** Harv.
Perennial. Shrub, dwarf shrub, herb. Ht 0.05–0.4 m. Alt 8–1068 m. NW, FS, KZN

capensis (Jacq.) Pers. var. **longipetiolata** H.M.L.Forbes
Perennial. Herb. Ht? Alt 17–915 m. WC, EC

cephalantha Welw. ex Baker var. **decumbens** Welw. ex Baker
Perennial. Shrub, herb. Ht 0.4–1 m. Alt 915–2100 m. N

contorta N.E.Br. = **Ptycholobium contortum**

cordata Hutch. & Burtt Davy
Perennial. Shrub, dwarf shrub. Ht 0.5–3 m. Alt 763–2074 m. LIM, M, S, EC

coriaceae Benth. = **T. elongata** var. **elongata**

damarensis Engl. = **T. dregeana** var. **dregeana**

dawsonii Baker f. = **T. longipes** subsp. **longipes** var. **longipes**

delagoensis H.M.L.Forbes = **T. purpurea** subsp. **leptostachya** var. **delagoensis**

diffusa (E.Mey.) Harv. = **T. macropoda** var. **diffusa**

diffusa Roxb. = **T. purpurea** subsp. **purpurea**

dinteri Schinz = **T. dregeana** var. **dregeana**

discolor E.Mey. = **T. linearis**

dissitiflora Baker = **T. elongata** var. **elongata**

dregeana E.Mey. var. **dregeana**
T. brachyloba E.Mey. (2)
T. damarensis Engl. (10)
T. dinteri Schinz (10)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 280–1585 m. N, B, NC

ehrenbergiana Schweinf. = **T. villosa** subsp. **ehrenbergiana** var. **ehrenbergiana**

elegans Schumach.
Annual, occ. perennial. Herb. Ht up to 1 m. Alt? N

elongata E.Mey. var. **elongata**
T. coriaceae Benth. (4)
T. dissitiflora Baker (4)
T. elongata E.Mey. var. *glabra* Sond. (4)
T. elongata E.Mey. var. *pubescens* Harv. (4)
T. ensifolia Harv. (4)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–2.4 m. Alt 61–2080 m. B, LIM, NW, G, M, S, KZN

elongata E.Mey. var. *glabra* Sond. = **T. elongata** var. **elongata**

elongata E.Mey. var. **lasiocaulos** Brummitt (insufficiently known)
Perennial. Herb. Ht? Alt? Distr?

elongata E.Mey. var. *pubescens* Harv. = **T. elongata** var. **elongata**

elongata E.Mey. var. **tzaneenensis** (H.M.L.Forbes) Brummitt
T. tzaneenensis H.M.L.Forbes (4)
Perennial. Dwarf shrub, herb. Ht 0.6–6 m. Alt 610–991 m. LIM, M

ensifolia Harv. = **T. elongata** var. **elongata**

euchroa I.Verd.
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 458–1400 m. LIM

euprepes Brummitt
Annual. Herb. Ht 0.2–0.9 m. Alt? B

evansii Hutch. & Burtt Davy = **T. rhodesica** var. **evansii**

forbesii Baker subsp. **interior** Brummitt
Perennial. Herb. Ht ?–0.5 m. Alt 381–1050 m. LIM, NW, M, KZN

galpinii H.M.L.Forbes
Perennial. Herb. Ht? Alt? KZN

glomeruliflora Meisn. subsp. **glomeruliflora**
Perennial. Shrub, dwarf shrub. Ht 1–1.8 m. Alt ± 30 m. KZN

glomeruliflora Meisn. subsp. **meisneri** (Hutch. & Burtt Davy) Schrire
T. incarnata Brummitt (6)
T. meisneri Hutch. & Burtt Davy (6)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 30–1260 m. LIM, M, S, KZN

gobensis Brummitt
Perennial. Shrub. Ht? Alt 229–458 m. S

godmaniae Baker f., as '*godmanae*' = **T. reptans** var. **reptans**

gracilenta H.M.L.Forbes
Perennial. Herb. Ht? Alt ?–1220 m. EC

grandiflora (Aiton) Pers.
Apodynomene grandiflora E.Mey. (2)
Galega grandiflora Aiton (2)
Perennial. Shrub. Ht 0.6–5 m. Alt 6–1500 m. KZN, EC

inandensis H.M.L.Forbes
Perennial. Dwarf shrub. Ht ?–1.5 m. Alt ?–610 m. KZN

incana in sense of Baker, misapplied name = **T. villosa** subsp. **ehrenbergiana** var. **ehrenbergiana**

incarnata Brummitt = **T. glomeruliflora** subsp. **meisneri**

indigofera Bertol. = **T. purpurea** subsp. **leptostachya** var. **delagoensis**

kraussiana Meisn.
T. amoena E.Mey. (10)
Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 9–1220 m. S, KZN, EC

laurentii De Wild. = **T. purpurea** subsp. **leptostachya** var. **pubescens**

leptostachya DC. = **T. purpurea** subsp. **leptostachya** var. **leptostachya**

limpopoensis J.B.Gillett
Perennial. Dwarf shrub, herb. Ht 0.13–0.5 m. Alt 793–1168 m. N, LIM

linearis (Willd.) Pers.
T. discolor E.Mey. (10)
T. linearis (Willd.) Pers. subsp. *discolor* (E.Mey.) J.B.Gillett (10)
T. linearis (Willd.) Pers. var. *discolor* (E.Mey.) Brummitt (10)
T. pulchella Hook.f. (3)
T. seminuda Bojer ex Baker (3)

Annual, occ. perennial. Herb. Ht 0.7–6 m. Alt 46–60 m. KZN

linearis (Willd.) Pers. subsp. *discolor* (E.Mey.) J.B.Gillett = **T. linearis**

linearis (Willd.) Pers. var. *discolor* (E.Mey.) Brummitt = **T. linearis**

lineata Schumach. & Thonn. = **T. purpurea** subsp. **leptostachya** var. **leptostachya**

longipes Meisn. subsp. *longipes* var. *icosisperma* Brummitt = **T. longipes** subsp. **longipes** var. **longipes**

longipes Meisn. subsp. **longipes** var. **longipes**
T. angustissima Engl. (6)
T. dawsonii Baker f. (6)
T. longipes Meisn. subsp. *longipes* var. *icosisperma* Brummitt (6)
T. lurida Sond. var. *drummondii* Brummitt (6)
T. lurida Sond. var. *lissocarpa* Brummitt (6)
T. lurida Sond. var. *lurida* (6)
Annual, occ. perennial. Shrub, dwarf shrub, herb. Ht 0.8–5 m. Alt 427–1525 m. B, LIM, NW, G, M, S, FS, KZN

lupinifolia DC.
Cracca lupinifolia Kuntze (2)
Galega lupinifolia Burch. (2)
Annual, occ. perennial. Herb. Ht 0.1–1 m. Alt 55–1713 m. N, B, LIM, NW, G, M, NC

lurida Sond. var. *drummondii* Brummitt = **T. longipes** subsp. **longipes** var. **longipes**

lurida Sond. var. *lissocarpa* Brummitt = **T. longipes** subsp. **longipes** var. **longipes**

lurida Sond. var. *lurida* = **T. longipes** subsp. **longipes** var. **longipes**

macropoda (E.Mey.) Harv. var. **diffusa** (E.Mey.) Schrire
T. aemula (E.Mey.) Harv. (6)
T. diffusa (E.Mey.) Harv. (6)
Perennial. Herb. Ht 0.06–0.6 m. Alt 10–1952 m. M, S, KZN

macropoda (E.Mey.) Harv. var. **macropoda**
Apodynomene macropoda E.Mey. (2)
T. armitageana Chiov. (10)
Perennial. Herb. Ht 0.2–2 m. Alt 2–1678 m. LIM, G, M, S, KZN

marginella H.M.L.Forbes
Perennial. Herb. Ht ?–0.33 m. Alt 1158–2135 m. KZN, EC

medleyi H.M.L.Forbes = **T. shiluwanensis**

meisneri Hutch. & Burtt Davy = **T. glomeruliflora** subsp. **meisneri**

monophylla Schinz
Perennial. Herb. Ht 0.3–0.5 m. Alt ?–700 m. N

mossambicensis Schinz = **T. uniflora** subsp. **uniflora**

multijuga R.G.N.Young
T. woodii Burtt Davy (4)
Perennial. Shrub, dwarf shrub, herb. Ht 1–1.5 m. Alt 430–1800 m. LIM, NW, G, M, S, FS, KZN, EC

natalensis H.M.L.Forbes subsp. **natalensis**
T. apiculata H.M.L.Forbes (6)
Perennial. Herb. Ht ?–0.12 m. Alt 1600–1678 m. M, S, KZN

natalensis H.M.L.Forbes subsp. **pseudocapitata** (H.M.L.Forbes) Schrire
T. pseudocapitata H.M.L.Forbes (6)
Perennial. Herb. Ht? Alt 1068–1220 m. KZN

noctiflora Bojer ex Baker
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt ?–458 m. LIM, M

oblongifolia E.Mey. = **Ophrestia oblongifolia** var. **oblongifolia**

otaviensis Dinter = **T. caerulea** subsp. **otaviensis**

oxygona Welw. ex Baker subsp. **lactea** (Schinz) A.Schreib.
Perennial. Shrub. Ht 1–1.5 m. Alt ?–1095 m. N

oxygona Welw. ex Baker subsp. **oxygona** var. **oxygona**
Perennial. Shrub. Ht 0.5–2 m. Alt 450–1000 m. N

pallida H.M.L.Forbes
Perennial. Dwarf shrub. Ht? Alt? N

pietersii H.M.L.Forbes
Perennial. Herb. Ht ?–0.2 m. Alt 300–854 m. LIM, M

plicata Oliv. = **Ptycholobium plicatum** subsp. **plicatum**

polystachya E.Mey. var. **hirta** Harv.
Perennial. Shrub, herb. Ht ?–1.4 m. Alt 6–1340 m. LIM, S, FS, KZN, EC

polystachya E.Mey. var. **latifolia** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.4–5 m. Alt 1080–1830 m. LIM, M, S, KZN

polystachya E.Mey. var. **longidens** H.M.L.Forbes
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 366–1220 m. EC

polystachya E.Mey. var. **polystachya**
Perennial. Shrub, dwarf shrub, herb. Ht 0.05–5 m. Alt 6–1700 m. B, LIM, M, S, FS, KZN, WC, EC

polystachyoides in sense of Burtt Davy, misapplied name = **T. rhodesica** var. **rhodesica**

pondoensis (Codd) Schrire
Mundulea pondoensis Codd (5)
Perennial. Tree. Ht 1.5–3 m. Alt ?–366 m. EC

pseudocapitata H.M.L.Forbes = **T. natalensis** subsp. **pseudocapitata**

pseudosphaerosperma Schinz = **Requienia pseudosphaerosperma**

pulchella Hook.f. = **T. linearis**

pumila (Lam.) Pers. var. **pumila**
Perennial. Herb. Ht? Alt? KZN

purpurea (L.) Pers. subsp. **canescens** (E.Mey.) Brummitt
T. canescens E.Mey. (4)
Perennial. Herb. Ht 0.3–1 m. Alt 1–460 m. N, KZN

purpurea (L.) Pers. subsp. **leptostachya** (DC.) Brummitt var. **delagoensis** (H.M.L.Forbes) Brummitt
T. delagoensis H.M.L.Forbes (4)
T. indigofera Bertol. (4)
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt 500–610 m. B, LIM, M

purpurea (L.) Pers. subsp. **leptostachya** (DC.) Brummitt var. **leptostachya**
T. leptostachya DC. (4)
T. lineata Schumach. & Thonn. (4)
Annual, occ. perennial. Herb. Ht 0.1–3 m. Alt 150–1518 m. N, B, LIM, NW, G, M, S, KZN, NC

purpurea (L.) Pers. subsp. **leptostachya** (DC.) Brummitt var. **pubescens** Baker
T. laurentii De Wild. (4)
T. sparsiflora H.M.L.Forbes (10)
T. transvaalensis Hutch. ex Burtt Davy (4)

Annual, occ. perennial. Herb. Ht 0.2–4 m. Alt 8–1525 m. N, B, LIM, NW, G, M

*__purpurea__ (L.) Pers. subsp. __purpurea__
T. diffusa Roxb. (4)
T. wallichii Graham (4)
Perennial. Herb. Ht? Alt? KZN

__radicans__ Baker
Perennial. Herb. Ht ?–0.4 m. Alt 1128–1403 m. N, LIM, M

__reptans__ Baker var. __reptans__
T. godmaniae Baker f., as '*godmanae*' (4)
Perennial, occ. annual. Shrub, herb. Ht 0.7–3.5 m. Alt? LIM, G

__retusa__ Burtt Davy
Perennial. Herb. Ht 0.3–1.5 m. Alt 235–763 m. LIM, G, M

__rhodesica__ Baker f. var. __evansii__ (Hutch. & Burtt Davy) Brummitt
T. evansii Hutch. & Burtt Davy (4)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 275–1373 m. LIM, NW, M, KZN

__rhodesica__ Baker f. var. __rhodesica__
T. polystachyoides in sense of Burtt Davy, misapplied name (4)
Perennial. Shrub, dwarf shrub, herb. Ht 0.5–3 m. Alt 300–1600 m. N, B, LIM, NW, G, M

salicifolia Schinz = **T. acaciifolia**

__semiglabra__ Sond.
Cracca semiglabra Kuntze (2)
Perennial. Herb. Ht 0.1–4 m. Alt 793–1891 m. NW, G, M, FS, KZN, L, EC

seminuda Bojer ex Baker = **T. linearis**

__shiluwanensis__ Schinz
T. medleyi H.M.L.Forbes (6)
T. spathacea Hutch. & Burtt Davy (6)
T. wyliei H.M.L.Forbes (6)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–2 m. Alt 763–1980 m. LIM, G, M, KZN

sparsiflora H.M.L.Forbes = **T. purpurea** subsp. **leptostachya** var. **pubescens**

spathacea Hutch. & Burtt Davy = **T. shiluwanensis**

sphaerosperma (DC.) Baker = **Requienia sphaerosperma**

stricta (L.f.) Pers. = **Indigofera stricta**

suberosa DC. = **Mundulea sericea**

__subulata__ Hutch. & Burtt Davy
Perennial. Shrub, dwarf shrub. Ht ?–2 m. Alt 1220–1400 m. M

ternatifolia R.G.N.Young = **T. capensis** var. **capensis**

transvaalensis Hutch. ex Burtt Davy = **T. purpurea** subsp. **leptostachya** var. **pubescens**

tzaneenensis H.M.L.Forbes = **T. elongata** var. **tzaneenensis**

__uniflora__ Pers. subsp. __uniflora__
T. anthylloides Hochst. ex Webb (3)
T. mossambicensis Schinz (4)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 350–610 m. N, B, LIM, M

unifolia H.M.L.Forbes = **T. albissima** subsp. **zuluensis**

__villosa__ (L.) Pers. subsp. __ehrenbergiana__ (Schweinf.) Brummitt var. __daviesii__ Brummitt
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–1.3 m. Alt 366–458 m. N, LIM, M

__villosa__ (L.) Pers. subsp. __ehrenbergiana__ (Schweinf.) Brummitt var. __ehrenbergiana__
T. apollinea in sense of Klotzsch, misapplied name (4)
T. ehrenbergiana Schweinf. (4)
T. incana in sense of Baker, misapplied name (4)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.01–2 m. Alt 315–750 m. N, LIM, NW, G, M

__virgata__ H.M.L.Forbes
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? LIM

__vogelii__ Hook.f.
Perennial. Herb. Ht ?–2 m. Alt? EC

wallichii Graham = **T. purpurea** subsp. **purpurea**

woodii Burtt Davy = **T. multijuga**

wyliei H.M.L.Forbes = **T. shiluwanensis**

__zoutpansbergensis__ Bremek.
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt ?–885 m. LIM

zuluensis H.M.L.Forbes = **T. albissima** subsp. **zuluensis**

TERAMNUS P.Browne 3866000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24: 235–307.
(2) Verdcourt. 1971. *FTEA* Leguminosae, part 4: 533–541.

__labialis__ (L.f.) Spreng. subsp. __labialis__
Glycine debilis Aiton (1)
Glycine labialis L.f. (2)
Perennial. Herb, climber. Ht 0.3–3 m. Alt 0–1550 m. LIM, NW, G, M, S, KZN, EC

THEODORA Medik. 3506040

capitata (Bolle) Taub. = **Schotia capitata**

latifolia (Jacq.) Taub. = **Schotia latifolia**

speciosa Medik. = **Schotia afra** var. **afra**

stipulata (W.T.Aiton) Eckl. & Zeyh. = **Schotia latifolia** × **S. afra** form **A**

TOUNATEA Aubl. 3574010

madagascariensis (Desv.) Baill. = **Swartzia madagascariensis**

TRIFOLIUM L. 3690000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.
(2) Zohary & Heller. 1984. *The genus* Trifolium: 1–606.
(3) Lock. 1989. *Legumes of Africa*: 489–498.

__africanum__ Ser. var. __africanum__
T. africanum Ser. var. *glabellum* (E.Mey.) Harv. (2)
Perennial. Herb. Ht 0.1–0.5 m. Alt 50–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

africanum Ser. var. *glabellum* (E.Mey.) Harv. = **T. africanum** var. **africanum**

__africanum__ Ser. var. __lydenburgense__ J.B.Gillett
Perennial. Herb. Ht 0.1–0.4 m. Alt 1300–2050 m. NW, G, M, S

agrarium L. = **T. campestre** var. **campestre**

*__angustifolium__ L. var. __angustifolium__
Annual. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. L, WC

*__arvense__ L. var. __arvense__
Annual. Herb. Ht 0.05–0.3 m. Alt 50–300 m. WC

bicorne Forssk. = **T. resupinatum** var. **resupinatum**

burchellianum Ser. subsp. **burchellianum**
T. repens Thunb. (1)
Perennial. Herb. Ht 0.05–0.25 m. Alt 0–3250 m. NW, M, FS, KZN, L, NC, WC, EC

burchellianum Ser. subsp. **johnstonii** (Oliv.) J.B.Gillett
Perennial. Herb. Ht 0.05–0.25 m. Alt 600–1450 m. KZN

***campestre** Schreb. var. **campestre**
T. agrarium L. (2)
T. procumbens L. (2)
Annual. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. NW, G, M, WC

***cernuum** Brot.
Annual. Herb. Ht 0.05–0.4 m, or stems prostrate. Alt 150–1500 m. KZN, WC

***dubium** Sibth.
T. filiforme L. (2)
T. minus Sm. (2)
Annual. Herb. Ht 0.2–0.4 m. Alt 0–2050 m. M, KZN, WC, EC

filiforme L. = **T. dubium**

fistulosum Gilib. = **T. hybridum** var. **hybridum**

flexuosum Jacq. = **T. medium** var. **medium**

***glomeratum** L.
Annual. Herb. Ht 0.1–0.3 m, or stems prostrate. Alt 50–1300 m. WC, EC

***hybridum** L. var. **hybridum**
T. fistulosum Gilib. (2)
Perennial. Herb. Ht 0.1–0.7 m. Alt 600–1750 m. LIM, G, FS, KZN, EC

***incarnatum** L. var. **incarnatum**
Annual. Herb. Ht 0.2–0.5 m. Alt 600–1550 m. NW, G, M

***medium** L. var. **medium**
T. flexuosum Jacq. (2)
Perennial. Herb. Ht 0.2–0.5 m, or stems prostrate. Alt 1450–1600 m. G

melilotus-indica L. = **Melilotus indica**

melilotus-officinalis L. = **Melilotus officinalis**

micropetalum E.Mey. = **T. stipulaceum**

minus Sm. = **T. dubium**

***pratense** L. var. **pratense**
Perennial. Herb. Ht 0.2–0.6 m, or stems prostrate. Alt 300–2000 m. NW, G, M, KZN, WC

procumbens L. = **T. campestre** var. **campestre**

***repens** L.
Perennial. Herb. Ht 0.1–0.3 m, or stems prostrate. Alt 0–2100 m. NW, G, M, KZN, WC, EC

repens Thunb. = **T. burchellianum** subsp. **burchellianum**

***resupinatum** L. var. **resupinatum**
T. bicorne Forssk. (2)
T. suaveolens Willd. (2)
Annual. Herb. Ht 0.2–0.6 m. Alt 50–300 m. WC

stipulaceum Thunb.
T. micropetalum E.Mey. (1)
Annual. Herb. Ht 0.08–0.15 m. Alt 100–600 m. EC

suaveolens Willd. = **T. resupinatum** var. **resupinatum**

***subterraneum** L. var. **subterraneum**
Annual. Herb. Ht 0.1–0.3 m, stems prostrate. Alt 100–800 m. WC

***suffocatum** L.
Annual. Herb. Ht 0.03–0.1 m, stems prostrate. Alt 1050–1150 m.WC

***tomentosum** L. var. **tomentosum**
Annual. Herb. Ht 0.1–0.2 m, or stems prostrate. Alt 0–300 m. WC, EC

TRIGONELLA L. 3687000

Compiled by T. Nkonki

(1) Schreiber. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 115–132.
(2) Hamlet. 1995. *European garden flora* 4: 523, 524.

anguina Delile
Annual. Herb. Ht up to 0.1 m, stems prostrate. Alt 650–1400 m. N, NW, FS, NC, EC

***foenumgraecum** L.
Annual. Herb. Ht 0.1–0.5 m. Alt 1400–1500 m. G

***hamosa** L.
Annual. Herb. Ht up to 0.5 m, or stems prostrate. Alt 150–1200 m. N, FS, NC, WC

hirsute Thunb. = **Melolobium aethiopicum**

TRINEURIA C.Presl 3662100

appendiculata (E.Mey.) C.Presl = **Aspalathus ciliaris**

chenopoda (L.) C.Presl = **Aspalathus chenopoda** subsp. **chenopoda**

ciliaris (L.) C.Presl = **Aspalathus ciliaris**

cochleariformis C.Presl = **Aspalathus cymbiformis**

comosa (Thunb.) C.Presl = **Aspalathus parviflora**

cymbiformis (DC.) C.Presl = **Aspalathus cymbiformis**

deciduifolia (Eckl. & Zeyh.) C.Presl = **Aspalathus nigra**

fuscescens C.Presl = **Aspalathus nigra**

linearifolia (DC.) C.Presl = **Aspalathus linearifolia**

marginalis (Eckl. & Zeyh.) C.Presl = **Aspalathus marginalis**

papillosa (Eckl. & Zeyh.) C.Presl = **Aspalathus ciliaris**

rigescens (E.Mey.) C.Presl = **Aspalathus setacea**

TYLOSEMA (Schweinf.) Torre & Hillc. 3528030

Compiled by T. Nkonki

(1) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1311.
(2) Coetzer & Ross. 1977. *FSA* 16,2: 61–64.

esculentum (Burch.) A.Schreib.
Bauhinia bainesii Schinz (2)
Bauhinia burkeana (Benth.) Harv. (2)
Bauhinia esculenta Burch. (2)
Annual, occ. perennial. Shrub. Ht 1.8–9 m. Alt 925–1600 m. N, B, LIM, NW, G

fassoglense (Schweinf.) Torre & Hillc.
Bauhinia cissoides Oliv. (2)
Bauhinia fassoglensis Schweinf. (2)
Bauhinia kirkii Oliv. (2)
Bauhinia welwitschii Oliv. (2)
Perennial. Shrub, climber. Ht 1–6 m. Alt 150–1850 m. N, LIM, M, S, KZN

*ULEX L. 3681000

Compiled by H.F. Glen

(1) Guinea & Webb. 1968. *Flora europaea* 2: 102, 103.
(2) Henderson. 2001. *Alien weeds and invasive plants*: 100.

europaeus L.

Perennial. Shrub. Ht 0.5–3 m. Alt 1250–2100 m. LIM, KZN, EC

UMTIZA Sim 3506010

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 33–35.
(2) Germishuizen. 1986. *The Flowering Plants of Africa* 49: t. 1939.

listeriana Sim
Perennial. Tree. Ht 2.5–12 m. Alt 0–300 m. EC

VASCOA DC. 3654010

amplexicaulis DC. = **Rafnia amplexicaulis**

perfoliata (Thunb.) DC. var. *acuminata* (E.Mey.) Walp. = **Rafnia acuminata**

*VICIA L. 3852000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 129–136.
(2) Lock. 1989. *Legumes of Africa*: 507.

angustifolia L. = **V. sativa** subsp. **nigra**

atropurpurea Desf. = **V. benghalensis**

benghalensis L.
V. atropurpurea Desf. (1)
Annual, occ. perennial. Herb, climber. Ht 0.2–0.8 m. Alt 50–2000 m. LIM, G, FS, KZN, NC, WC, EC

cracca L.
Annual. Herb. Ht? Alt? EC

hirsuta (L.) Gray
Annual. Herb, climber. Ht 0.3–0.45 m. Alt 15–610 m. N, FS, WC, EC

sativa L. subsp. **nigra** (L.) Ehrh. (insufficiently known)
V. angustifolia L. (2)
Annual. Herb. Ht up to 1 m. Alt? Distr?

sativa L. subsp. **sativa**
Annual. Herb, climber. Ht 0.2–1.5 m. Alt 5–2000 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

tetrasperma Moench
Annual. Herb. Ht 0.1–0.6 m. Alt 30–60 m. WC, EC

villosa Roth subsp. **villosa**
Annual. Herb. Ht 0.3–2 m. Alt 90–397 m. LIM, NW, G, M, L, EC

VIGNA Savi 3905000

Compiled by T. Nkonki & N. Swelankomo

(1) Bolus. 1906. *Transaction of the South African Philosophical Society* 16: 382.
(2) Schreiber. 1970. *FSWA* 60: 121–123.
(3) Verdcourt. 1970. *Kew Bulletin* 24,3: 519–566.
(4) Verdcourt. 1971. *FTEA* Leguminosae (part 4): 617–668.
(5) Maréchal *et al.* 1978. *Boissiera* 28: 14–237.
(6) Verdcourt. 1978. *Taxon* 27,2 & 3: 219–222.
(7) Lock. 1989. *Legumes of Africa*: 440–448.
(8) Pienaar & Kok. 1991. *South African Journal of Botany* 57: 236–245.
(9) Pienaar & Van Wyk. 1992. *South African Journal Botany* 58: 414–429.
(10) Mithen & Kibblewhite. 1993. *Kirkia* 14,1: 100–113.
(11) Pienaar. 1993. *Bothalia* 23: 68–70.

angustifolia Benth. = **Sphenostylis angustifolia**

angustifolia (Schumach. & Thonn.) Hook.f. = **V. vexillata** var. **angustifolia**

angustifoliolata Verdc. = **V. unguiculata** subsp. **stenophylla**

brachystachys Benth. = **V. luteola** var. **luteola**

burchellii (DC.) Harv. = **Otoptera burchellii**

***comosa** Baker subsp. **comosa**
Annual. Herb, climber. Ht? Alt? FS

davyi Bolus = **V. vexillata** var. **davyi**

decipiens Harv. = **V. frutescens** subsp. **frutescens** var. **frutescens**

dekindtiana Harms = **V. unguiculata** subsp. **dekindtiana** var. **dekindtiana**

dinteri Harms = **V. lobatifolia**

friesiorum Harms var. **friesiorum**
Perennial. Herb. Ht? Alt ?–152 m. M

frutescens A.Rich. subsp. **frutescens** var. **frutescens**
V. decipiens Harv. (3)
V. longiloba Burtt Davy (3)
V. pongolensis Burtt Davy (3)
V. pseudotriloba Harms (3)
Perennial. Herb, climber. Ht 0.1–1 m. Alt 61–1647 m. N, B, LIM, NW, G, M, S, KZN, EC

galpinii Burtt Davy = **V. nervosa**

glabra Savi = **V. luteola** var. **luteola**

huillensis Welw. ex Baker = **V. unguiculata** subsp. **dekindtiana** var. **huillensis**

hygrophila Harms = **V. oblongifolia** var. **parviflora**

junodii Harms = **Dolichos junodii**

kokii B.J.Pienaar
Perennial. Herb, climber. Ht? Alt 305–458 m. N, NW, M

lobatifolia Baker
V. dinteri Harms (2)
Perennial. Herb, climber. Ht? Alt 305–458 m. N

longiloba Burtt Davy = **V. frutescens** subsp. **frutescens** var. **frutescens**

luteola (Jacq.) Benth. var. **luteola**
Phaseolus luteolus (Jacq.) Gagnep. (3)
V. brachystachys Benth. (3)
V. glabra Savi (3)
Perennial. Herb, climber. Ht 0.3–1.52 m. Alt 3–1000 m. N, B, LIM, M, KZN, WC, EC

marginata (E.Mey.) Benth. = **Sphenostylis marginata** subsp. **marginata**

marina (Burm.) Merr.
V. retusa (E.Mey.) Walp. (3)
Perennial. Herb. Ht? Alt 0–580 m. KZN

monophylla Taub.
Perennial. Herb, climber. Ht 0.15–0.6 m. Alt? B

mudenia B.J.Pienaar
Perennial. Herb, climber. Ht? Alt? G, KZN

nervosa Markötter
Dolichos reticulatus Schltr. (9)
V. galpinii Burtt Davy (3)
Perennial. Herb, climber. Ht 0.12–0.8 m. Alt 915–2000 m. LIM, M, FS, KZN, EC

oblongifolia A.Rich. var. **oblongifolia**
V. wilmsii Burtt Davy (3)
Annual. Herb, climber. Ht? Alt 335–1250 m. N, NW, G, M, FS, KZN

oblongifolia A.Rich. var. **parviflora** (Baker) Verdc.
V. hygrophila Harms (3)
V. parviflora Baker (3)
Annual. Herb, climber. Ht? Alt 930–1312 m. N, B, NW, G, M, KZN

parviflora Baker = **V. oblongifolia** var. **parviflora**

pongolensis Burtt Davy = **V. frutescens** subsp. **frutescens** var. **frutescens**

pseudotriloba Harms = **V. frutescens** subsp. **frutescens** var. **frutescens**

pubescens Wilczek = **V. unguiculata** subsp. **protracta**

pygmaea R.E.Fries
Perennial. Herb. Ht? Alt 305–458 m. N

retusa (E.Mey.) Walp. = **V. marina**

rhomboidea Burtt Davy = **V. unguiculata** subsp. **protracta**

sinensis (L.) Hassk. = **V. unguiculata** subsp. **unguiculata**

stenophylla (Harv.) Burtt Davy = **V. unguiculata** subsp. **stenophylla**

tenuis (E.Mey.) D.Dietr. = **V. unguiculata** subsp. **tenuis** var. **tenuis**

triloba (Thunb.) Walp. in part = **V. unguiculata** subsp. **protracta**

triloba (Thunb.) Walp. in part = **V. unguiculata** subsp. **unguiculata**

triloba Walp. var. *stenophylla* Harv. = **V. unguiculata** subsp. **stenophylla**

unguiculata (L.) Walp. subsp. **dekindtiana** (Harms) Verdc. var. **dekindtiana**
V. dekindtiana Harms (9)
Annual, occ. perennial. Herb, climber. Ht 0.2–6 m. Alt 152–1150 m. N, B, LIM, NW, G, M

unguiculata (L.) Walp. subsp. **dekindtiana** (Harms) Verdc. var. **huillensis** (Welw. ex Baker) B.J.Pienaar
V. huillensis Welw. ex Baker (9)
Annual, occ. perennial. Herb, climber. Ht? Alt 381–1494 m. N, B, LIM, NW, G, M

unguiculata (L.) Walp. subsp. **protracta** (E.Mey.) B.J.Pienaar
Scytalis hispida E.Mey. (8)
Scytalis protracta E.Mey. (8)
V. pubescens Wilczek (8)
V. rhomboidea Burtt Davy (8)
V. triloba (Thunb.) Walp. in part (8)
Perennial. Herb. Ht ?–0.8 m. Alt 15–1830 m. NW, G, M, S, KZN, EC

unguiculata (L.) Walp. subsp. **stenophylla** (Harv.) Maréchal, Mascherpa & Stainier
V. angustifoliolata Verdc. (9)
V. stenophylla (Harv.) Burtt Davy (9)
V. triloba Walp. var. *stenophylla* Harv. (9)
Perennial. Herb, climber. Ht 0.2–0.6 m. Alt 15–2100 m. N, B, LIM, NW, G, M, FS, KZN

unguiculata (L.) Walp. subsp. **tenuis** (E.Mey.) Maréchal var. **ovata** (E.Mey.) B.J.Pienaar
Scytalise tenuis E.Mey. var. *ovata* E.Mey. (3)
Perennial. Herb, climber. Ht? Alt 3–950 m. KZN

unguiculata (L.) Walp. subsp. **tenuis** (E.Mey.) Maréchal var. **tenuis**
V. tenuis (E.Mey.) D.Dietr. (9)
Perennial. Herb, climber. Ht? Alt 50–730 m. LIM, KZN

unguiculata (L.) Walp. subsp. **unguiculata**
Dolichos sinensis L. (3)
Dolichos unguiculatus L. (2)
V. sinensis (L.) Hassk. (2)
V. triloba (Thunb.) Walp. in part (2)
Annual, occ. perennial. Herb, climber. Ht 0.2–2 m. Alt 5–1713 m. N, B, G, M, S, KZN, EC

vexillata (L.) A.Rich. var. **angustifolia** (Schumach. & Thonn.) Baker
V. angustifolia (Schumach. & Thonn.) Hook.f. (8)
Perennial. Herb, climber. Ht ?–0.6 m. Alt 91–1678 m. LIM, NW, G, M, FS, KZN, EC

vexillata (L.) A.Rich. var. **davyi** (Bolus) B.J.Pienaar
V. davyi Bolus (8)
Perennial. Herb, climber. Ht 0.2–0.3 m. Alt 579–1600 m. M, S, KZN

vexillata (L.) A.Rich. var. **ovata** (E.Mey.) B.J.Pienaar
Perennial. Herb, creeper. Ht 0.1–0.9 m. Alt 8–1525 m. S, KZN, EC

vexillata (L.) A.Rich. var. **vexillata**
Phaseolus vexillatus L. (3)
Perennial. Herb, climber. Ht 0.15–1.2 m. Alt 5–2000 m. LIM, NW, G, M, S, FS, KZN, EC

wilmsii Burtt Davy = **V. oblongifolia** var. **oblongifolia**

VIRGILIA Poir. 3608000

Compiled by H.F. Glen

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 305.
(2) Salter. 1939. *Journal of South African Botany* 5: 58.
(3) Van Wyk. 1986. *South African Journal of Botany* 52: 347–353.

aurea (Aiton) Lam. = **Calpurnia aurea** subsp. **aurea**

capensis in sense of Pole Evans, not of (L.) Lam., misapplied name = **V. divaricata**

capensis (L.) Lam. = **V. oroboides** subsp. **oroboides**

capensis (L.) Lam. subsp. *capensis* = **V. oroboides** subsp. **ferruginea**

divaricata Adamson
V. capensis in sense of Pole Evans, not of (L.) Lam., misapplied name (3)
Perennial. Tree. Ht 4–16 m. Alt 0–1300 m. WC, EC

intrusa R.Br. in W.T.Aiton = **Calpurnia intrusa**

oroboides (P.J.Bergius) Salter subsp. **ferruginea** B.-E.van Wyk
V. capensis (L.) Poir. subsp. *capensis* (3)
Perennial. Tree. Ht 5–15 m. Alt 0–900 m. WC

oroboides (P.J.Bergius) Salter subsp. **oroboides**
Hypocalyptus capensis (L.) Thunb. (3)
Podalyria capensis (L.) Willd. (3)
Sophora capensis L. (3)
Sophora oroboides P.J.Bergius (3)
V. capensis (L.) Lam. (3)
Perennial. Tree. Ht 3–15 m. Alt 30–1100 m. WC

WIBORGIA Thunb. 3661000

Compiled by H.F. Glen

(1) Dahlgren. 1975. *Opera Botanica* 38: 1–83.

angustifolia Benth. = **W. tenuifolia**

apterophora R.Dahlgren = **W. humilis**

armata (Thunb.) Harv. = **W. mucronata**

armata (Thunb.) Harv. var. *puberula* Harv. = **W. monoptera**

cuspidata (E.Mey.) Benth. = **W. incurvata**

flexuosa E.Mey. = **W. fusca** subsp. **fusca**

floribunda Lodd. = **W. obcordata**

fusca Thunb. subsp. **fusca**

Jacksonago flexuosa (E.Mey.) Kuntze (1)
Jacksonago fusca (Thunb.) Kuntze (1)
Peltaria capensis Burm.f. (1)
Pterocarpus peltaria DC. (1)
W. flexuosa E.Mey. (1)
W. oblongata E.Mey. (1)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 30–850 m. NC, WC

fusca Thunb. subsp. **macrocarpa** R.Dahlgren
Perennial. Shrub. Ht up to 2 m. Alt 50–200 m. NC, WC

grandiflora E.Mey. = **Lebeckia sessilifolia**

heteroclados E.Mey. = **W. mucronata**

humilis (Thunb.) R.Dahlgren
Lebeckia humilis Thunb. (1)
W. apterophora R.Dahlgren (1)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 400–600 m. NC

incurvata E.Mey.
Jacksonago cuspidata (E.Mey.) Kuntze (1)
W. cuspidata (E.Mey.) Benth. (1)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–900 m. NC

lanceolata E.Mey. = **W. sericea**

leptoptera R.Dahlgren subsp. **cedarbergensis** R.Dahlgren
Perennial. Shrub. Ht 0.8–1.5 m. Alt 100–300 m. NC, WC

leptoptera R.Dahlgren subsp. **leptoptera**
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 100–250 m. WC

monoptera E.Mey.
W. armata (Thunb.) Harv. var. *puberula* Harv. (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 150–1250 m. NC, WC

mucronata (L.f.) Druce
Acanthobotrya armata (Thunb.) Eckl. & Zeyh. (1)
Aspalathus mucronata L.f. (1)
Jacksonago armata (Thunb.) Kuntze (1)
Lebeckia armata Thunb. (1)
W. armata (Thunb.) Harv. (1)
W. heteroclados E.Mey. (1)
W. spinescens Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 1–2.5 m. Alt 0–1250 m. NC, WC

obcordata (P.J.Bergius) Thunb.
Crotalaria floribunda Lodd. (1)
Crotalaria obcordata P.J.Bergius (1)
Hedysarum capense Burm.f. (1)
Jacksonago obcordata (P.J.Bergius) Kuntze (1)
Loethainia obcordata (P.J.Bergius) Heynh. (1)
W. floribunda Lodd. (1)
Perennial. Shrub. Ht 1–3.5 m. Alt 0–1350 m. NC, WC

oblongata E.Mey. = **W. fusca** subsp. **fusca**

parvifolia E.Mey. = **W. tenuifolia**

sericea Thunb.
Jacksonago sericea (Thunb.) Kuntze (1)
Loethainia sericea (Thunb.) Heynh. (1)
W. lanceolata E.Mey. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 100–1200 m. NC, WC

spinescens Eckl. & Zeyh. = **W. mucronata**

tenuifolia E.Mey.
W. angustifolia Benth. (1)
W. parvifolia E.Mey. (1)
W. tetraptera E.Mey. var. *β angustifolia* (Benth.) Harv. (1)
Perennial. Shrub. Ht 0.7–1.4 m. Alt 50–400 m. WC

tetraptera E.Mey.
Jacksonago tetraptera (E.Mey.) Kuntze (1)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 100–750 m. NC, WC

tetraptera E.Mey. var. *β angustifolia* (Benth.) Harv. = **W. tenuifolia**

XANTHOCERCIS Baill. 3847000

Compiled by H.F. Glen

(1) Dumaz-le-Grand. 1953. *Bulletin de la Société Botanique de France* 99: 313–315.

zambesiaca (Baker) Dumaz-le-Grand
Pseudocadia zambesiaca (Baker) Harms (1)
Perennial. Tree. Ht 7–40 m. Alt 200–1150 m. B, LIM, M

XEROCARPUS Guill. & Perr. 3659010

hirsutus Guill. & Perr. = **Rothia hirsuta**

XEROCLADIA Harv. 3453000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 130, 131.

viridiramis (Burch.) Taub.
Acacia viridiramis Burch. (1)
X. zeyheri Harv. (1)
Perennial. Shrub. Ht 0.1–2 m. Alt 100–1200 m. N, NC

zeyheri Harv. = **X. viridiramis**

XERODERRIS Roberty 3838010

Compiled by H.F. Glen

(1) Polhill. 1971. *FTEA* Leguminosae, part 3: 91–93.

stuhlmannii (Taub.) Mendonça & E.C.Sousa
Deguelia stuhlmannii Taub. (1)
Derris stuhlmannii (Taub.) Harms (1)
Ostryoderris stuhlmannii (Taub.) Harms (1)
Perennial. Tree. Ht 5–18 m. Alt 200–1000 m. N, B, LIM

XIPHOTHECA Eckl. & Zeyh. 3643010

Compiled by T. Nkonki

(1) Schutte & Van Wyk. 1993. *Taxon* 42,1: 43–49.
(2) Schutte & Van Wyk. 1997. *Annals of the Missouri Botanical Garden* 84,1: 90–102.

canescens (Thunb.) A.L.Schutte & B.-E.van Wyk
Priestleya schlechteri L.Bolus (1)
Perennial. Shrub. Ht 1–2 m. Alt ?–820 m. NC, WC

cordifolia A.L.Schutte & B.-E.van Wyk
Perennial. Shrub. Ht ?–2.5 m. Alt 1333–1666 m. WC

elliptica (DC.) A.L.Schutte & B.-E.van Wyk
Priestleya elliptica DC. (1)
Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 366–1400 m. WC

fruticosa (L.) A.L.Schutte & B.-E.van Wyk
Crotalaria lanata Thunb.(2)
Priestleya villosa DC., illegitimate name (1)
Perennial. Dwarf shrub. Ht 1.2–2.5 m. Alt 397–900 m. WC

guthriei (L.Bolus) A.L.Schutte & B.-E.van Wyk
Priestleya guthriei L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 61–130 m. WC

lanceolata (E.Mey.) Eckl. & Zeyh.
Priestleya glauca Salter (1)
Priestleya lanceolata E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 35–610 m. WC

phylicoides A.L.Schutte & B.-E.van Wyk
Perennial. Shrub. Ht ?–1.2 m. Alt 530–800 m. WC

polycarpa Eckl. & Zeyh. = **X. tecta**

reflexa (Thunb.) A.L.Schutte & B.-E.van Wyk
Priestleya sericea of author, concept invalid (1)
Perennial. Dwarf shrub. Ht 0.2–1.2 m. Alt 30–1500 m. WC

rotundifolia (Eckl. & Zeyh.) Walp. = **X. tecta**

tecta (Thunb.) A.L.Schutte & B.-E.van Wyk
Liparia tecta Thunb. (1)
Priestleya rotundifolia (Eckl. & Zeyh.) Walp. (1)
Priestleya stokoei L.Bolus (1)
Priestleya tecta (Thunb.) DC. (1)
X. polycarpa Eckl. & Zeyh. (2)
X. rotundifolia (Eckl. & Zeyh.) Walp. (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 300–702 m. WC

XYLIA Benth. 3462000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 136, 137.

torreana Brenan
Perennial. Tree. Ht 6–15 m. Alt 250–500 m. LIM

ZORNIA J.F.Gmel. 3804000

Compiled by T. Nkonki

(1) Mohlenbrock. 1961. *Webbia* 16: 1–141.

capensis Pers. subsp. **capensis**
Z. tetraphylla Michx. var. *capensis* (Pers.) Harv. (1)
Perennial. Herb. Ht 0.05–3 m. Alt 5–2000 m. LIM, NW, G, M, S, FS, KZN, NC, EC

glochidiata DC.
Annual. Herb. Ht 0.1–0.5 m. Alt 380–1112 m. N, B, LIM, NW, G, M, EC

linearis E.Mey.
Z. tetraphylla Michx. var. *linearis* (E.Mey.) Harv. (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 90–1830 m. LIM, NW, G, M, KZN, EC

milneana Mohlenbr.
Perennial. Herb. Ht 0.1–0.75 m. Alt 15–1950 m. N, B, LIM, NW, G, M, FS, KZN, EC

tetraphylla Michx. var. *capensis* (Pers.) Harv. = **Z. capensis** subsp. **capensis**

tetraphylla Michx. var. *linearis* (E.Mey.) Harv. = **Z. linearis**

*ZYGIA Walp. 3443030

fastigiata E.Mey. = **Albizia adianthifolia** var. **adianthifolia**

*FAGACEAE

Compiled by H.F. Glen

*QUERCUS L. 1893000

(1) Bean. 1976. *Trees and shrubs of the British Isles* 3: 454–521.
(2) Bailey & Bailey. 1977. *Hortus third*: 933–935.
(3) Schwarz. 1993. *Flora europaea* edn 2,1: 72–76.
(4) Cullen & Maxwell. 1995. *European garden flora* 3: 66–79.

pedunculata Ehrh. = **Q. robur**

robur L.
Q. pedunculata Ehrh. (2)
Perennial. Tree. Ht 4–20 m. Alt 150–1600 m. KZN, WC

FLACOURTIACEAE

Compiled by C.L. Bredenkamp

Notes: phylogenetic relationships within the Flacourtiaceae have been assessed with rbcl DNA sequences and two groups have been identified. The first group retains the family name Salicaceae as the name has nomenclatural priority, and the second group has the conserved name Achariaceae (Soltis *et al.* 2000, in *Botanical Journal of the Linnean Society* 133: 381–461; Chase *et al.* 2002, in *Kew Bulletin* 57: 141). Although Chase *et al.* (2002) have placed the Flacourtiaceae and Samydaceae in synonymy under Salicaceae and Achariaceae, the present publication retains the families Flacourtiaceae and Achariaceae for practical reasons.

*ABERIA Hochst. 5328010

caffra Hook.f. & Harv. = **Dovyalis caffra**

zeyheri Sond. = **Dovyalis zeyheri**

APHLOIA (DC.) Benn. 5326000

(1) Bennett. 1840. *Plantae javanicae rariores* 2: 192.
(2) Wild. 1960. *FZ* 1: 279–281.
(3) Killick. 1976. *FSA* 22: 80–82.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 122.

myrtifolia Galpin = **A. theiformis**

theiformis (Vahl) Benn.
A. myrtifolia Galpin (3)
Neumannia myrtiflora (Galpin) T.Durand (3)
Perennial. Tree, shrub. Ht 2–10 m. Alt 380–1730 m. LIM, M, S, KZN

*BLACKWELLIA Warb. 5313010

dentata Harv. = **Homalium dentatum**

rufescens Arn. = **Homalium rufescens**

CASEARIA Jacq. 5343000

(1) Wild. 1960. *FZ* 1: 293, 294.
(2) Killick. 1976. *FSA* 22: 91, 92.
(3) Sleumer. 1980. *Flora Neotropica* 22: 280–415.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123.

gladiiformis Mast.
Perennial. Tree. Ht 2.28–24.38 m. Alt 30–1675 m. KZN, EC

DOVYALIS E.Mey. ex Arn. 5328000

(1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1546.
(2) Thom. 1971. *The Flowering Plants of Africa* 41: t. 1608.
(3) Langenegger. 1976. *FSA* 22: 84–90.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123.
(5) Pooley. 1993. *Trees of Natal*: 334–338.

caffra (Hook.f. & Harv.) Hook.f.
Aberia caffra Hook.f. & Harv. (3)
Perennial. Tree, shrub. Ht 1.82–7.62 m. Alt 15–1370 m. LIM, M, S, KZN, WC, EC

celastroides Sond. = **D. rotundifolia**

longispina (Harv.) Warb.
Perennial. Tree, shrub. Ht 5–20 m. Alt 5–105 m. S, KZN

lucida Sim
Perennial. Tree, shrub. Ht 0.6–12.19 m. Alt 90–1890 m. LIM, M, S, KZN, EC

rhamnoides (Burch. ex DC.) Burch. & Harv.
D. zizyphoides E.Mey. ex Sond. (3)
Perennial. Tree, shrub. Ht 0.6–6.09 m. Alt 5–1646 m. LIM, M, S, KZN, WC, EC

rotundifolia (Thunb.) Thunb. & Harv.
D. celastroides Sond. (3)
Perennial. Tree, shrub. Ht 1.21–6.09 m. Alt 30–460 m. EC

tristis (Sond.) Warb. = **D. zeyheri**

zeyheri (Sond.) Warb.
Aberia zeyheri Sond. (3)
D. tristis (Sond.) Warb. (3)
Perennial. Tree, shrub. Ht 1.52–11 m. Alt 30–1675 m. LIM, NW, G, M, S, KZN, EC

zizyphoides E.Mey. ex Sond. = **D. rhamnoides**

FLACOURTIA L'Hér. 5327000

(1) Wild. 1960. *FZ* 1: 285, 286.
(2) Killick. 1976. *FSA* 22: 82–84.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123, 124.

hirtiuscula = **F. indica**

indica (Burm.f.) Merr.
F. hirtiuscula Oliv. (2)
Perennial. Tree, shrub. Ht 0.6–15.24 m. Alt 10–1555 m. N, B, LIM, NW, M, KZN, EC

GERRARDINA Oliv. 5312000

(1) Wild. 1960. *FZ* 1: 287.
(2) Killick. 1976. *FSA* 22: 72–74.

foliosa Oliv.
Perennial. Tree, shrub. Ht 0.8–10 m. Alt 12–1920 m. LIM, M, S, KZN, EC

HOMALIUM Jacq. 5313000

(1) Wild. 1960. *FZ* 1: 287–293.
(2) Sleumer. 1973. *Bulletin du Jardin Botanique National de Belgique* 43: 239–328.
(3) Killick. 1976. *FSA* 22: 74–77.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124.

abdessammadii Asch. & Schweinf.
Perennial. Tree. Ht 4–10 m. Alt up to 945 m. N

dentatum (Harv.) Warb.
Blackwellia dentata Harv. (3)
H. subsuperum Sprague (3)
Perennial. Tree. Ht 6–30 m. Alt 305–1525 m. LIM, M, S, KZN, EC

rufescens Benth.
Blackwellia rufescens Arn. (3)
Perennial. Tree. Ht 3.04–6.09 m. Alt 5–800 m. KZN, EC

subsuperum Sprague = **H. dentatum**

KIGGELARIA L. 5296000

(1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1702.
(2) Wild. 1960. *FZ* 1: 265–267.
(3) Killick. 1976. *FSA* 22: 60–63.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124.

africana L.
K. dregeana Turcz. (3)
K. ferruginea Eckl. & Zeyh. (3)
Perennial. Tree, shrub. Ht up to 17 m. Alt 5–2560 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

dregeana Turcz = **K. africana**

ferruginea Eckl. & Zeyh. = **K. africana**

NEUMANNIA A.Rich. 5326010

myrtiflora (Galpin) T.Durand = **Aphloia theiformis**

ONCOBA Forssk. 5284000

(1) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1111.
(2) Wild. 1960. *FZ* 1: 275, 276.
(3) Killick. 1976. *FSA* 22: 56–58.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124, 125.
(5) Hul & Breteler. 1997. *Adansonia* Sér. 3,19,2: 253–262.

kraussiana (Hochst.) Planch. = **Xylotheca kraussiana**

spinosa Forssk. subsp. **spinosa**
Perennial. Tree, shrub. Ht 1.82–5 m. Alt 30–1065 m. N, B, LIM, M, S, KZN

PHOBEROS Lour. 5304020

mundii (Eckl. & Zeyh.) C.Presl = **Scolopia mundii**

PSEUDOSCOLOPIA Gilg 5304010

(1) Killick. 1976. *FSA* 22: 70–72.

fraseri E.Phillips = **P. polyantha**

polyantha Gilg
P. fraseri E.Phillips (1)
Perennial. Tree, shrub. Ht 2–6 m. Alt 50–155 m. KZN, WC, EC

RAWSONIA Harv. & Sond. 5275000

(1) Wild. 1960. *FZ* 1: 262, 263.
(2) Killick. 1976. *FSA* 22: 54–56.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 125.

lucida Harv. & Sond.
Perennial. Tree. Ht 0.46–15 m. Alt 5–2900 m. B, LIM, M, S, KZN, EC

SCOLOPIA Schreb. 5304000

(1) Wild. 1960. *FZ* 1: 276–279.
(2) Killick. 1976. *FSA* 22: 63–70.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 125.

ecklonii (Nees) Harv. = **S. zeyheri**

flanaganii (Bolus) Sim
Xylosma flanaganii Bolus (2)
Perennial. Tree, shrub. Ht 0.04–5 m. Alt 5–1950 m. KZN, EC

flanaganii (Bolus) Sim var. *oreophila* Sleumer = **S. oreophila**

mundii (Eckl. & Zeyh.) Warb.
Phoberos mundii (Eckl. & Zeyh.) C.Presl (2)
Perennial. Tree, shrub. Ht 1.21–16 m. Alt 30–2200 m. LIM, NW, M, S, FS, KZN, L, WC, EC

oreophila (Sleumer) Killick
S. flanaganii (Bolus) Sim var. *oreophila* Sleumer (2)
Perennial. Tree. Ht 10.97–12 m. Alt up to 1770 m. KZN

stolzii Gilg & Sleumer var. **stolzii**
Perennial. Tree. Ht 6.09–14 m. Alt 0–30 m. S, KZN

zeyheri (Nees) Harv.
S. ecklonii (Nees) Harv. (2)
Perennial. Tree, shrub. Ht 0.02–13.1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TRIMERIA Harv. 5315000

(1) Killick. 1976. *FSA* 22: 77–80.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126.

alnifolia (Hook.) Harv. = **T. grandifolia** subsp. **grandifolia**

grandifolia (Hochst.) Warb. subsp. **grandifolia**
T. alnifolia (Hook.) Harv. (1)
Perennial. Tree, shrub. Ht 3–10 m. Alt 5–2020 m. LIM, M, S, FS, KZN, L, WC, EC

trinervis Harv.
Perennial. Tree. Ht 0.08–5 m. Alt 305–1700 m. M, KZN, EC

XYLOSMA G.Forst. 5320000

flanaganii Bolus = **Scolopia flanaganii**

XYLOTHECA Hochst. 5284010

(1) Wild. 1960. *FZ* 1: 272–275.
(2) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1535.
(3) Killick. 1976. *FSA* 22: 58–60.
(4) Hul & Breteler. 1997. *Adansonia* Sér. 3, 19,2: 255.

kraussiana Hochst.
Oncoba kraussiana (Hochst.) Planch. (3)
X. kraussiana Hochst. var. *glabrifolia* Wild (3)
Perennial. Tree, shrub. Ht up to 10 m. Alt 10–610 m. LIM, S, KZN

kraussiana Hochst. var. *glabrifolia* Wild = **X. kraussiana**

FRANKENIACEAE

Compiled by C.L. Bredenkamp

FRANKENIA L. 5233000

(1) Roessler & Schreiber. 1968. *FSWA* 91: 1, 2.
(2) Obermeyer. 1976. *FSA* 22: 33–36.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126.

pomonensis Pohnert
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 3–? m. N

pulverulenta L.
Annual. Herb. Ht 0.02–0.35 m. Alt 3–1370 m. N, NW, FS, NC, WC, EC

repens (P.J.Bergius) Fourc.
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1–275 m. NC, WC, EC

FUMARIACEAE

Compiled by M.C. Makgakga

CORYDALIS Vent. 2858000

cracca Cham. & Schltdl. = **Cysticapnos cracca**

CYSTICAPNOS Mill. 2858020

(1) Fedde. 1924. *Feddes Repertorium* 19: 285–288.
(2) Lidén. 1986. *Opera Botanica* 88: 105–108.

africana Gaertn. = **C. vesicaria**

cracca (Cham. & Schltdl.) Lidén
Corydalis cracca Cham. & Schltdl. (2)
Phacocapnos cracca (Cham. & Schltdl.) Bernh. (2)
Annual. Herb. Ht up to 0.22 m. Alt 5–914 m. NC, WC

grandiflora Bernh.
Phacocapnos burmannii (Eckl. & Zeyh.) Hutch. (2)
Annual. Herb. Ht ± 1.5 m. Alt up to 640 m. NC, WC

parviflora Lidén
Annual. Herb. Ht? Alt? WC

pruinosa (Bernh.) Lidén
Phacocapnos pruinosus (E.Mey.) Bernh. (2)
Annual. Herb. Ht 0.17–0.52 m. Alt 155–3200 m. FS, KZN, EC

vesicaria (L.) Fedde
C. africana Gaertn. (1)
Annual. Herb. Ht 0.1–0.5 m. Alt 5–1525 m. N, NC, WC

DISCOCAPNOS Cham. & Schltdl. 2861010

(1) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 406.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 301.
(3) Lidén. 1986. *Opera Botanica* 88: 104.

dregei Hutch. = **D. mundtii**

mundtii Cham. & Schltdl.
D. dregei Hutch. (3)
Fumaria mundtii Spreng. (1)
Annual. Herb. Ht ± 1.5 m. Alt? WC, EC

*FUMARIA L. 2861000

(1) Exell. 1960. *FZ* 1,1: 181.
(2) Sell. 1964. *Flora europaea* 1: 255–258.
(3) Ross 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 173.
(4) Lidén. 1986. *Opera Botanica* 88: 78, 88.

mundtii Spreng. = **Discocapnos mundtii**

muralis Sond. ex W.D.J.Koch subsp. **muralis**
F. officinalis L. var. *grandiflora* DC. (4)
Perennial. Herb. Ht ± 0.5 m. Alt 5–2285 m. LIM, G, FS, KZN, NC, WC, EC

officinalis L. var. *grandiflora* DC. = **F. muralis** subsp. **muralis**

parviflora Lam.
Perennial. Herb. Ht? Alt? G, FS

PHACOCAPNOS Bernh. 2858010

burmannii (Eckl. & Zeyh.) Hutch. = **Cysticapnos grandiflora**

cracca (Cham. & Schltdl.) Bernh. = **Cysticapnos cracca**

pruinosus (E.Mey.) Bernh. = **Cysticapnos pruinosa**

TRIGONOCAPNOS Schltr. 2862000

(1) Lidén. 1986. *Opera Botanica* 88: 105.

curvipes Schltr. = **T. lichtensteinii**

lichtensteinii (Cham. & Schltdl.) Lidén
T. curvipes Schltr. (1)
Annual. Herb. Ht ± 0.3 m. Alt 305–1065 m. NC, WC

GEISSOLOMATACEAE

Compiled by C.L. Bredenkamp

GEISSOLOMA Lindl. ex Kunth 5422000

(1) Dahlgren & Rao. 1969. *Botaniska Notiser* 122: 207–227.

marginatum (L.) Juss.
Perennial. Shrub. Ht 0.61–0.91 m. Alt up to 610 m. WC

GENTIANACEAE

Compiled by C.L. Bredenkamp & N. Govender

ANTHOCLEISTA Afzel. ex R.Br. 6466000

(1) Leeuwenberg. 1961. *Acta Botanica Neerlandica* 10: 1–53.
(2) Verdoorn. 1963. *FSA* 26: 135, 136.
(3) Leeuwenberg. 1993. *The Flowering Plants of Africa* 52: t. 2080.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 932, 933.

grandiflora Gilg
Perennial. Tree. Ht 5–35 m. Alt 0–2300 m. N, LIM, M, S

liebrechtsiana De Wild. & T.Durand
Perennial. Tree, shrub. Ht 1.5–12 m. Alt 0–400 m. N

BELMONTIA E.Mey. 6483010

cordata (L.f.) E.Mey. = **Sebaea exacoides**

cordata (L.f.) Roem. & Schult. var. *intermedia* (Cham. & Schltdl.) Griseb. = **Sebaea micrantha** var. **intermedia**

cordata (L.f.) Roem. & Schult. var. *micrantha* (Cham. & Schltdl.) Griseb. = **Sebaea micrantha** var. **micrantha**

debilis (Welw.) Schinz = **Sebaea debilis**

flanaganii Schinz = **Sebaea spathulata**

grandis E.Mey. = **Sebaea grandis**

spathulata E.Mey. = **Sebaea spathulata**

CHIRONIA L. 6503000

(1) Mogg. 1941. *The Flowering Plants of South Africa* 21: t. 814.
(2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 951.
(3) Marais & Verdoorn. 1963. *FSA* 26: 212–236.
(4) Hilliard. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41: 303, 304.

albiflora Hilliard
Perennial. Herb. Ht up to 0.45 m. Alt? KZN, EC

arenaria E.Mey.
C. arenaria E.Mey. var. *mediocris* (Schoch) Prain (3)
Perennial. Dwarf shrub, suffrutex. Ht up to 0.3 m. Alt? NC, WC

arenaria E.Mey. var. *mediocris* (Schoch) Prain = **C. arenaria**

baccifera L.
Perennial. Dwarf shrub, herb, suffrutex. Ht 0.1–1 m. Alt 5–1450 m. KZN, NC, WC, EC

decumbens Levyns
C. maritima Eckl. (3)
Annual. Herb. Ht 0.6–0.7 m. Alt 1–765 m. WC, EC

emarginata Jaroscz = **C. linoides** subsp. **emarginata**

gracilis Salisb. ex Prain = **C. linoides** subsp. **nana**

gracilis Salisb. ex Prain var. *macrocalyx* Prain = **C. linoides** subsp. **macrocalyx**

humilis Gilg = **C. purpurascens** subsp. **humilis**

jasminoides L.
Perennial. Herb, suffrutex. Ht 0.3–1.2 m. Alt 30–1220 m. WC, EC

krebsii Griseb.
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 75–2700 m. LIM, G, M, S, FS, KZN, L, EC

laxa Gilg
Annual, occ. perennial. Herb. Ht 0.2–0.7 m. Alt 400–610 m. KZN, EC

linoides L. subsp. **emarginata** (Jaroscz) I.Verd.
C. emarginata Jaroscz (3)
Annual, occ. perennial. Herb, suffrutex. Ht 0.07–0.9 m. Alt 200–1050 m. NC, WC

linoides L. subsp. **linoides**
Annual, occ. perennial. Herb, suffrutex. Ht 0.3–0.9 m. Alt 40–1800 m. NC, WC

linoides L. subsp. **macrocalyx** (Prain) I.Verd.
C. gracilis Salisb. ex Prain var. *macrocalyx* Prain (3)
Annual, occ. perennial. Herb, suffrutex. Ht 0.1–0.3 m. Alt up to 230 m. WC

linoides L. subsp. **nana** I.Verd.
C. gracilis Salisb. ex Prain (3)
Annual, occ. perennial. Dwarf shrub, herb, suffrutex. Ht 0.07–0.2 m. Alt 5–1017 m. WC

maritima Eckl. = **C. decumbens**

melampyrifolia Lam.
Annual. Herb, suffrutex. Ht 0.3–0.8 m. Alt 60–2195 m. WC, EC

palustris Burch. subsp. **palustris**
Annual. Herb. Ht 0.3–0.7 m. Alt 15–1890 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

palustris Burch. subsp. **rosacea** (Gilg) I.Verd.
C. rosacea Gilg (3)
Annual. Herb. Ht 0.45–0.7 m. Alt 45–1371 m. S, KZN

palustris Burch. subsp. **transvaalensis** (Gilg) I.Verd.
C. transvaalensis Gilg (3)
Annual. Herb. Ht 0.2–0.7 m. Alt 610–1903 m. B, LIM, NW, G, M, S, FS, KZN

peduncularis Lindl.
Perennial. Herb. Ht up to 1 m. Alt up to 6 m. EC

peglerae Prain
Annual, occ. perennial. Herb. Ht 0.3–0.7 m. Alt 365–2285 m. KZN

purpurascens (E.Mey.) Benth. & Hook.f. subsp. **humilis** (Gilg) I.Verd.
C. humilis Gilg (3)
Annual, occ. perennial. Herb. Ht 0.2–0.8 m. Alt 45–2100 m. LIM, NW, G, M, FS, KZN

purpurascens (E.Mey.) Benth. & Hook.f. subsp. **purpurascens**
Annual, occ. perennial. Herb. Ht 0.5–0.8 m. Alt 140–1525 m. S, KZN, WC, EC

rosacea Gilg = **C. palustris** subsp. **rosacea**

serpyllifolia Lehm.
Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 45–365 m. EC

stokoei I.Verd.
Annual, occ. perennial. Dwarf shrub, herb, suffrutex. Ht 0.3–0.5 m. Alt 600–1130 m. WC

tetragona L.f.
Annual. Herb, suffrutex. Ht 0.3–0.6 m. Alt 15–975 m. WC, EC

transvaalensis Gilg = **C. palustris** subsp. **transvaalensis**

ENICOSTEMA Blume 6484000

(1) Marais & Verdoorn. 1963. *FSA* 26: 238.
(2) Raynal. 1969. *Adansonia* 9: 57–85.
(3) Paiva & Nogueira. 1990. *FZ* 7: 49–51.

axillare (Lam.) A.Raynal subsp. **axillare**
E. hyssopifolium (Willd.) I.Verd. (3)
Exacum hyssopifolium Willd. (1)
Perennial. Herb. Ht 0.05–0.3 m. Alt? N, B, LIM, M, S, KZN

hyssopifolium (Willd.) I.Verd. = **E. axillare** subsp. **axillare**

EXACUM L. 6479000

(1) Marais & Verdoorn. 1963. *FSA* 26: 211, 212.
(2) Verdoorn. 1969. *The Flowering Plants of Africa* 40: t. 1576.
(3) Cramer. 1981. *A revision handbook to the flora of Ceylon* 3: 56–66.
(4) Klackenberg. 1985. *Opera Botanica* 84: 85–90.
(5) Klackenberg. 1990. *Flore de Madagascar et des Comores*: 25–29.
(6) Paiva & Nogueira. 1990. *FZ* 7: 8.

hyssopifolium Willd. = **Enicostema axillare** subsp. **axillare**

oldenlandioides (S.Moore) Klack.
E. quinquenervium in sense of authors, misapplied name (4)
Annual. Herb. Ht 0.1–0.6 m. Alt ?–1500 m. LIM, M

quinquenervium in sense of authors, misapplied name = **E. oldenlandioides**

EXOCHAENIUM Griseb. 6483020

debile Welw. = **Sebaea debilis**

grande (E.Mey.) Griseb. = **Sebaea grandis**

thomasii (S.Moore) Schinz = **Sebaea thomasii**

NEUROTHECA Salisb. ex Benth. 6491000

(1) Baker & Brown. 1903. *FTA* 4,1: 561.
(2) Paiva & Nogueira. 1990. *FZ* 7: 4–6.

congolana De Wild. & T.Durand
N. schlechteri Gilg ex Baker (2)
Annual. Herb. Ht 0.05–0.5 m. Alt ± 20 m. KZN

schlechteri Gilg ex Baker = **N. congolana**

ORPHIUM E.Mey. 6504000

(1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 490.
(2) Marais & Verdoorn. 1963. *FSA* 26: 236, 237.

frutescens (L.) E.Mey.
Annual, occ. perennial. Dwarf shrub, suffrutex. Ht 0.45–0.6 m. Alt 1–185 m. WC

PYCNOSPHAERA Gilg 6486000

(1) Brown. 1904. *FTA* 4,1: 565.
(2) Paiva & Nogueira. 1990. *FZ* 7: 47, 48.

buchananii (Baker) N.E.Br.
Annual, occ. perennial. Herb. Ht up to 1.5 m. Alt? B

SEBAEA Sol. ex R.Br. 6481000

(1) Schlechter. 1826. *Linnaea* 1: 191–194.
(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 331.
(3) Marais & Verdoorn. 1963. *FSA* 26: 172–211.
(4) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 277.
(5) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 304–306.
(6) Oliver & Beyers. 2001. *Bothalia* 31: 207–209.

acuminata Hill = **S. longicaulis**

acutiloba Schinz = **S. zeyheri** subsp. **acutiloba**

albens (L.f.) Roem. & Schult.
Annual. Herb. Ht 0.04–0.25 m. Alt 50–150 m. WC

ambigua Cham.
Annual. Herb. Ht 0.035–0.2 m. Alt 15–1100 m. WC

amicorum I.M.Oliv. & Beyers
Biennial or perennial. Herb. Ht ± 0.5 m. Alt 1670–1980 m. WC, EC

aurea (L.f.) Roem. & Schult.
S. glauca Hill (3)
S. paludosa Levyns (3)
Annual. Herb. Ht 0.06–0.3 m. Alt 5–1065 m. WC, EC

bojeri Griseb.
S. saccata Schinz (3)
Annual. Herb. Ht 0.05–0.2 m. Alt 365–2600 m. LIM, NW, M, FS, KZN, EC

brehmeri Schinz = **S. macrophylla**

burchellii Gilg = **S. pentandra** var. **burchellii**

capitata Cham. & Schltdl. = **S. capitata** var. **capitata**

capitata Cham. & Schltdl. var. **capitata**
S. capitata Cham. & Schltdl. (3)
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt? WC

capitata Cham. & Schltdl. var. **sclerosepala** (Schinz) Marais
S. sclerosepala Gilg ex Schinz (3)
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt 365–1830 m. WC

cleistantha (R.A.Dyer) Marais = **S. zeyheri** subsp. **cleistantha**

compacta A.W.Hill
Annual. Herb. Ht 0.04–0.15 m. Alt up to 1830 m. FS, NC, EC

confertiflora Schinz = **S. sedoides** var. **confertiflora**

conrathii Schinz = **S. pentandra** var. **burchellii**

conspicua Hill = **S. procumbens**

debilis (Welw.) Schinz
Belmontia debilis (Welw.) Schinz (3)
Exochaenium debile Welw. (3)
Annual. Herb. Ht up to 0.05 m. Alt? N

dregei Schinz = **S. stricta**

elongata E.Mey.
Annual, occ. perennial. Herb. Ht 0.4–0.71 m. Alt 15–975 m. WC, EC

erosa Schinz
S. pygmaea Schinz (3)
Annual, occ. perennial. Herb. Ht 0.05–0.16 m. Alt up to 2450 m. LIM, M, FS, KZN, L

exacoides (L.) Schinz
Belmontia cordata (L.f.) E.Mey. (3)
Annual. Herb. Ht 0.05–0.3 m. Alt 30–915 m. NC, WC

exigua (Oliv.) Schinz
Annual. Herb. Ht 0.06–0.21 m. Alt up to 1885 m. N, NW, G, M, FS, L, NC

fastigiata Hill = **S. macrophylla**

filiformis Schinz
Annual. Herb. Ht 0.03–0.16 m. Alt 15–2315 m. LIM, NW, G, M, S, FS, KZN, L, EC

fourcadei Marais
Annual. Herb. Ht up to 0.25 m. Alt? WC, EC

gilgii Schinz = **S. schlechteri**

glauca Hill = **S. aurea**

grandiflora Schinz = **S. longicaulis**

grandis (E.Mey.) Steud.
Belmontia grandis E.Mey. (3)
Exochaenium grande (E.Mey.) Griseb. (3)
Annual. Herb. Ht 0.02–0.36 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

grisebachiana Schinz
S. macrostigma Gilg (3)
S. schizostigma Gilg (3)
Annual. Herb. Ht 0.05–0.15 m. Alt 155–1830 m. WC, EC

hymenosepala Gilg
Perennial. Herb. Ht up to 0.5 m. Alt 60–2700 m. EC

hymenosepala in sense of Schinz, not of Gilg var. *grandiflora* Hill, misapplied name = **S. macrophylla**

imbricata Hill = **S. natalensis**

intermedia (Cham. & Schltdl.) Schinz = **S. micrantha** var. **intermedia**

jasminiflora Schinz = **S. thomasii**

junodii Schinz
Annual. Herb. Ht 0.04–0.2 m. Alt 610–1920 m. B, LIM, G, M, S, FS, KZN, EC

laxa N.E.Br.
Annual. Herb. Ht 0.12–0.25 m. Alt? WC

leiostyla Gilg
S. polyantha Gilg (3)
Annual, occ. perennial. Herb. Ht 0.13–1 m. Alt 61–2775 m. LIM, G, M, S, FS, KZN, L, WC, EC

longicaulis Schinz
S. acuminata Hill (3)
S. grandiflora Schinz (3)
S. macowanii Gilg ex Schinz (3)
Biennial. Herb. Ht up to 0.6 m. Alt 600–2250 m. M, KZN, L, EC

macowanii Gilg ex Schinz = **S. longicaulis**

macrantha Gilg = **S. rehmannii**

macrophylla Gilg
S. brehmeri Schinz (3)
S. fastigiata Hill (3)
S. hymenosepala in sense of Schinz, not of Gilg var. *grandiflora* Hill, misapplied name (3)
S. multiflora Schinz (3)
S. schinziana Gilg (3)
Perennial. Herb. Ht 0.1–0.75 m. Alt 300–2895 m. M, FS, KZN, L, WC, EC

macrostigma Gilg = **S. grisebachiana**

marlothii Gilg
Perennial. Herb. Ht up to 0.03 m. Alt 3225–3500 m. KZN, L

membranacea A.W.Hill
Annual. Herb. Ht up to 0.15 m. Alt up to 915 m. NC, WC

micrantha (Cham. & Schltdl.) Schinz var. **intermedia** (Cham. & Schltdl.) Marais
Belmontia cordata (L.f.) Roem. & Schult. var. *intermedia* (Cham. & Schltdl.) Griseb. (3)
S. intermedia (Cham. & Schltdl.) Schinz (3)
Annual. Herb. Ht 0.03–0.2 m. Alt up to 75 m. WC, EC

micrantha (Cham. & Schltdl.) Schinz var. **micrantha**
Belmontia cordata (L.f.) Roem. & Schult. var. *micrantha* (Cham. & Schltdl.) Griseb. (3)
Annual. Herb. Ht 0.03–0.2 m. Alt 200–1100 m. WC

minutiflora Schinz
Annual. Herb. Ht 0.05–0.2 m. Alt 30–90 m. WC, EC

minutissima Hilliard & B.L.Burtt
Annual. Herb. Ht 0.1–0.35 m. Alt 2200–2600 m. FS, KZN, L, EC

multiflora Schinz = **S. macrophylla**

natalensis Schinz
S. imbricata Hill (3)
S. rudolfii Schinz (3)
S. vitellina Schinz (3)
Biennial. Herb. Ht 0.05–0.25 m. Alt 30–2900 m. M, S, FS, KZN, L, EC

ochroleuca Wolley-Dod = **S. schlechteri**

paludosa Levyns = **S. aurea**

pentandra E.Mey. var. **burchellii** (Gilg) Marais
S. burchellii Gilg (3)
S. conrathii Schinz (3)
Annual. Herb. Ht 0.03–0.3 m. Alt up to 1405 m. N, B, NW, G, FS, NC

pentandra E.Mey. var. **pentandra**
S. primulina Hill (3)
Annual. Herb. Ht 0.07–0.5 m. Alt 100–3050 m. N, B, NW, G, FS, KZN, NC, WC, EC

pleurostigmatosa Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.07 m. Alt up to 2438 m. KZN

polyantha Gilg = **S. leiostyla**

primulina Hill = **S. pentandra** var. **pentandra**

procumbens A.W.Hill
S. conspicua Hill (3)
S. rotundifolia Hill (3)
Perennial. Herb. Ht 0.08–0.22 m. Alt 728–3050 m. FS, KZN, L, EC

pusilla Eckl. ex Cham.
S. pusilla Eckl. ex Cham. var. *major* Hill (3)
Annual. Herb. Ht 0.02–0.1 m. Alt 18–1145 m. NC, WC

pusilla Eckl. ex Cham. var. *major* Hill = **S. pusilla**

pygmaea Schinz = **S. erosa**

radiata Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.2 m. Alt up to 2179 m. KZN

ramosissima Gilg
Annual. Herb. Ht up to 0.25 m. Alt 105–2075 m. EC

rara Wolley-Dod
Annual. Herb. Ht up to 0.06 m. Alt up to 90 m. WC

rehmannii Schinz
S. macrantha Gilg (3)
Annual, occ. perennial. Herb. Ht 0.15–0.65 m. Alt up to 2620 m. LIM, M, S, FS, KZN, L, EC

repens Schinz
Perennial. Herb. Ht 0.03–0.06 m. Alt up to 2900 m. LIM, M, KZN, L, EC

rotundifolia Hill = **S. procumbens**

rudolfii Schinz = **S. natalensis**

saccata Schinz = **S. bojeri**

scabra Schinz
Annual. Herb. Ht 0.06–0.2 m. Alt 45–1650 m. NC, WC

schinziana Gilg = **S. macrophylla**

schizostigma Gilg = **S. grisebachiana**

schlechteri Schinz
S. gilgii Schinz (3)
S. ochroleuca Wolley-Dod (3)
Annual. Herb. Ht 0.04–0.12 m. Alt 14–915 m. WC

schoenlandii Schinz = **S. sedoides** var. **schoenlandii**

sclerosepala Gilg ex Schinz = **S. capitata** var. **sclerosepala**

sedoides Gilg in part = **S. sedoides** var. **schoenlandii**

sedoides Gilg in part = **S. sedoides** var. **sedoides**

sedoides Gilg var. **confertiflora** (Schinz) Marais
S. confertiflora Schinz (3)
Annual. Herb. Ht 0.15–0.65 m. Alt 460–2440 m. LIM, M, S, FS, KZN, L, EC

sedoides Gilg var. **schoenlandii** (Schinz) Marais
S. schoenlandii Schinz (3)
S. sedoides Gilg in part (3)
Annual. Herb. Ht 0.2–0.65 m. Alt 25–2135 m. M, S, FS, KZN

sedoides Gilg var. **sedoides**
S. sedoides Gilg in part (3)
Annual. Herb. Ht 0.15–0.5 m. Alt 15–2600 m. LIM, M, S, FS, KZN, L

spathulata (E.Mey.) Steud.
Belmontia flanaganii Schinz (3)
Belmontia spathulata E.Mey. (3)
Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt up to 3355 m. FS, KZN, L, EC

stricta (E.Mey.) Gilg
S. dregei Schinz (3)
Perennial. Herb. Ht 0.3–0.6 m. Alt 488–490 m. WC, EC

sulphurea Cham. & Schltdl.
Annual. Herb. Ht 0.02–0.15 m. Alt 30–1067 m. WC

thodeana Gilg
Perennial. Herb. Ht up to 0.15 m. Alt up to 3475 m. KZN, L, EC

thomasii (S.Moore) Schinz
Exochaenium thomasii (S.Moore) Schinz (3)
S. jasminiflora Schinz (3)
Perennial. Herb. Ht up to 0.3 m. Alt up to 2895 m. FS, KZN, L, EC

thomasii (S.Moore) Schinz × **S. spathulata** (E.Mey.) Steud.
Perennial. Herb. Ht up to 0.3 m. Alt up to 2250 m. KZN

vitellina Schinz = **S. natalensis**

zeyheri Schinz subsp. **acutiloba** (Schinz) Marais
S. acutiloba Schinz (3)
Annual. Herb. Ht 0.05–0.25 m. Alt 155–670 m. WC, EC

zeyheri Schinz subsp. **cleistantha** (R.A.Dyer) Marais
S. cleistantha (R.A.Dyer) Marais (3)
Annual. Herb. Ht 0.05–0.25 m. Alt up to 610 m. EC

zeyheri Schinz subsp. **zeyheri**
Annual. Herb. Ht 0.05–0.25 m. Alt up to 91 m. WC

SWERTIA L. 6512000

(1) Engler. 1891. *Abhandlungen der Preussischen Akademie der Wissenschaften*: 337–340.
(2) Marais & Verdoorn. 1963. *FSA* 26: 240, 241.
(3) Paiva & Nogueira. 1990. *FZ* 7: 28.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 355, 356.

welwitschii Engl.
Annual, occ. perennial. Herb. Ht 0.18–0.8 m. Alt 915–2135 m. LIM, M, S, KZN, L

GERANIACEAE

Compiled by T. Nkonki, L.L. Dreyer, H.F. Glen & K. Maserumule

ERODIUM L'Hér. 3927000

(1) Knuth. 1912. *Das Pflanzenreich* 4, 129 (Heft 53): 221–290.
(2) El-Oqlah. 1989. *Feddes Repertorium* 100: 97–118.
(3) Venter & Verhoeven. 1990. *South African Journal of Botany* 56: 79–82.
(4) Vorster. 2000. In Goldblatt & Manning, *Strelitzia* 9: 516–528.

botrys (Cav.) Bertol.
Geranium botrys Cav. (1)
Annual. Herb. Ht 0.3–0.6 m. Alt 183–640 m. EC

botrys (Cav.) Bertol. var. *brachycarpum* Godr. = **E. brachycarpum**

brachycarpum (Godr.) Thell.
E. botrys (Cav.) Bertol. var. *brachycarpum* Godr. (1)
Annual. Herb. Ht up to 0.2 m. Alt 640–999 m. EC

chium (L.) Willd.
Geranium chium L. (1)
Annual. Herb. Ht 1.2–1.8 m. Alt 45–244 m. EC

***cicutarium** (L.) L'Hér.
E. praecox Willd. (1)
Geranium cicutarium L. (1)
Annual. Herb. Ht 0.07–0.5 m. Alt 550–2400 m. FS, L, WC, EC

incarnatum L'Hér. = **Pelargonium incarnatum**

malacoides (L.) L'Hér.
Geranium malacoides L. (1)
Annual, occ. perennial. Herb. Ht up to 0.5 m. Alt 15–1280 m. WC

moschatum (L.) L'Hér.
Geranium moschatum L. (1)
Annual, occ. perennial. Herb. Ht 0.05–0.7 m. Alt 20–900 m. WC

praecox Willd. = **E. cicutarium**

GERANIUM L. 3924000

(1) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 171–225.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 105, 106.
(3) Yeo. 1997. *European garden flora* 5: 26–50.

alticola Schltr. ex R.Knuth = **G. sparsiflorum**

amatolicum Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.2–0.75 m. Alt 610–1647 m. EC

angustipetalum Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.1–0.45 m. Alt? KZN

arabicum Forssk. subsp. **arabicum**
Perennial. Herb. Ht? Alt up to 2345 m. EC

baurianum R.Knuth
Perennial. Herb. Ht 0.1–0.6 m. Alt 152–1768 m. KZN, EC

botrys Cav. = **Erodium botrys**

brycei N.E.Br.
G. thodei R.Knuth (1)
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 2250–3202 m. FS, KZN, L, EC

bubonifolium Andrews = **Pelargonium bubonifolium**

caffrum Eckl. & Zeyh.
Perennial. Herb. Ht 0.4–0.6 m. Alt 305–1680 m. KZN, NC, WC, EC

canescens L'Hér.
G. glandulosum Eckl. & Zeyh. (1)
Perennial. Herb, scrambler. Ht up to 0.4 m. Alt 338–2100 m. WC

chium L. = **Erodium chium**

cicutarium L. = **Erodium cicutarium**

contortum Eckl. & Zeyh.
Perennial. Herb, scrambler. Ht up to 0.3 m. Alt 610–1769 m. EC

discolor Hilliard & B.L.Burtt
Perennial. Herb, scrambler. Ht up to 0.6 m. Alt 610–1450 m. EC

***dissectum** L.
Annual. Herb. Ht 0.1–0.6 m. Alt? EC

drakensbergensis Hilliard & B.L.Burtt
Perennial. Herb. Ht? Alt 1220–2745 m. KZN

dregei Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.9–1.2 m. Alt up to 1676 m. FS, EC

emarginatum L.f. = **Monsonia emarginata**

flanaganii R.Knuth
Perennial. Herb. Ht 0.2–1.8 m. Alt 3–1525 m. S, KZN, EC

glandulosum Eckl. & Zeyh. = **G. canescens**

grandistipulatum Hilliard & B.L.Burtt
Perennial. Herb. Ht up to 0.5 m. Alt up to 2060 m. EC

harveyi Briq.
G. sericeum Harv. (1)
Perennial. Herb. Ht up to 0.14 m. Alt 1220–2196 m. NC, WC, EC

heterophyllum Thunb. = **Pelargonium violiflorum**

incanum Burm.f. subsp. *nyassense* (R.Knuth) J.R.Laundon = **G. nyassense**

incanum Burm.f. var. *β* = **G. incanum** var. **multifidum**

incanum Burm.f. var. *glabrius* R.Knuth = **G. multisectum**

incanum Burm.f. var. *grandicalyculatum* R.Knuth = **G. multisectum**

incanum Burm.f. var. **incanum**
Perennial. Herb. Ht 0.2–1 m. Alt 10–610 m. WC, EC

incanum Burm.f. var. **multifidum** (Sweet) Hilliard & B.L.Burtt
G. incanum Burm.f. var. *β* (1)
G. multifidum Sweet (1)
Perennial. Herb. Ht 0.2–1 m. Alt 5–2050 m. WC, EC

incanum Burm.f. var. *pottiae* Burtt Davy = **G. robustum**

incanum Burm.f. var. *purpureum* Burtt Davy = **G. multisectum**

knysnaense R.Knuth = **G. ornithopodon**

lanuginosum R.Knuth = **G. pulchrum**

magniflorum R.Knuth
Perennial. Herb. Ht? Alt 2196–3477 m. FS, KZN, L, EC

malacoides L. = **Erodium malacoides**

***molle** L.
Annual. Herb. Ht 0.05–0.45 m. Alt 30–1769 m. WC

moschatum L. = **Erodium moschatum**

multifidum Sweet = **G. incanum** var. **multifidum**

multisectum N.E.Br.
G. incanum Burm.f. var. *glabrius* R.Knuth (1)
G. incanum Burm.f. var. *grandicalyculatum* R.Knuth (1)
G. incanum Burm.f. var. *purpureum* Burtt Davy (1)
Perennial. Herb. Ht 0.1–2.8 m. Alt 1433–2440 m. M, FS, KZN, L, EC

natalense Hilliard & B.L.Burtt
Perennial. Herb. Ht? Alt 1311–1677 m. KZN, EC

nyassense R.Knuth
G. incanum Burm.f. subsp. *nyassense* (R.Knuth) J.R.Laundon (1)
Perennial. Herb. Ht? Alt up to 1385 m. EC

ornithopodioides Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.6–0.9 m. Alt up to 1981 m. KZN

ornithopodon Eckl. & Zeyh.
G. knysnaense R.Knuth (1)
Perennial. Herb. Ht 0.1–0.9 m. Alt 122–1830 m. WC, EC

ornithopodon Eckl. & Zeyh. var. *album* Kuntze = **G. wakkerstroomianum**

ornithopodon Eckl. & Zeyh. var. *lilacinum* Kuntze = **G. schlechteri**

pulchrum N.E.Br.
G. lanuginosum R.Knuth (1)
Perennial. Dwarf shrub. Ht 0.3–1.2 m. Alt up to 1921 m. KZN, EC

***purpureum** Vill.
Annual. Herb. Ht 0.1–0.6 m. Alt 4–62 m. WC, EC

robustum Kuntze
G. incanum Burm.f. var. *pottiae* Burtt Davy (1)
Perennial. Dwarf shrub. Ht 0.2–1.8 m. Alt 1525–2592 m. M, FS, KZN, L, EC

***rotundifolium** L.
Annual. Herb. Ht 0.1–0.5 m. Alt? WC, EC

schlechteri R.Knuth
G. ornithopodon Eckl. & Zeyh. var. *lilacinum* Kuntze (1)
Perennial. Herb, scrambler. Ht? Alt 1372–2623 m. M, FS, KZN, L, EC

sericeum Harv. = **G. harveyi**

sparsiflorum R.Knuth
G. alticola Schltr. ex R.Knuth (1)
Perennial. Herb, scrambler. Ht? Alt 1220–2300 m. EC

subglabrum Hilliard & B.L.Burtt
Perennial. Herb, scrambler. Ht up to 0.2 m. Alt 10–1372 m. EC

thodei R.Knuth = **G. brycei**

wakkerstroomianum R.Knuth
G. ornithopodon Eckl. & Zeyh. var. *album* Kuntze (1)
Perennial. Herb. Ht 0.1–0.9 m. Alt 1220–2592 m. M, S, FS, KZN, L, EC

MONSONIA L. 3925000

(1) Bolus. 1930. *The Flowering Plants of South Africa* 10: t. 399.
(2) Dyer. 1958. *The Flowering Plants of Africa* 32: t. 1278.
(3) Venter. 1979. *Mededelingen Landbouwhogeschool Wageningen* 79-9: 1–128.
(4) Vorster. 2000. In Goldblatt & Manning, *Strelitzia* 9: 516–528.

alexandraensis R.Knuth = **M. grandifolia**

angustifolia E.Mey. ex A.Rich.
Annual. Herb. Ht 0.03–0.5 m. Alt 823–2336 m. N, B, LIM, G, M, S, FS, KZN, L, EC

attenuata Harv.
M. belfastensis R.Knuth (3)
Perennial. Herb. Ht 0.1–0.5 m. Alt 1525–2257 m. M, S, FS, KZN

belfastensis R.Knuth = **M. attenuata**

betschuanica R.Knuth = **M. burkeana**

biflora DC. = **M. burkeana**

brevirostrata R.Knuth
Annual. Geophyte, scrambler. Ht 0.04–0.3 m. Alt 1525–3000 m. M, FS, KZN, L

burkeana Planch. ex Harv.
M. betschuanica R.Knuth (3)
M. biflora DC. (3)
M. glandulosissima Schinz (3)
M. malvaeflora Schinz (3)
Annual. Herb. Ht 0.3–0.4 m. Alt 427–2000 m. N, B, LIM, G, FS, L, EC

depressa Dinter ex Schinz = **M. deserticola**

deserticola Dinter ex R.Knuth
M. depressa Dinter ex Schinz (3)
Annual. Herb. Ht 0.03–0.08 m. Alt? N

drudeana Schinz
Annual. Herb. Ht 0.02–0.08 m. Alt up to 100 m. N

emarginata (L.f.) L'Hér.
Geranium emarginatum L.f. (3)
M. ovata Cav. (3)
Annual, occ. perennial. Herb. Ht 0.1–0.4 m. Alt 6–2135 m. WC, EC

galpinii Schltr. ex R.Knuth
Perennial. Herb. Ht 0.1–0.3 m. Alt? EC

glandulosissima Schinz = **M. burkeana**

glauca R.Knuth
M. ovata Cav. subsp. *glauca* (R.Knuth) Bowden & F.S.Mull. (3)
M. stricta R.Knuth (3)
Perennial. Herb. Ht 0.05–0.45 m. Alt 315–1554 m. N, B, LIM, NW, L, EC

grandifolia R.Knuth
M. alexandraensis R.Knuth (3)
M. lanceolata (Schinz) R.Knuth (3)
M. rudatisii R.Knuth (3)
Perennial. Herb. Ht 0.1–0.4 m. Alt 1509–1677 m. KZN, EC

ignorata Merxm. & A.Schreib.
Perennial. Herb. Ht 0.04–0.3 m. Alt up to 450 m. N

l'heritieri DC. = **Sarcocaulon l'heritieri**

lanceolata (Schinz) R.Knuth = **M. grandifolia**

lanuginosa R.Knuth
Annual. Herb. Ht 0.2–0.3 m. Alt 1750–2120 m. M

luederitziana Focke & Schinz
M. namaensis Dinter (3)
Annual. Herb. Ht 0.1–0.5 m. Alt 190–1280 m. N, NC

malvaeflora Schinz = **M. burkeana**

multifida E.Mey. = **Sarcocaulon multifidum**

namaensis Dinter = **M. luederitziana**

natalensis R.Knuth
Annual. Herb. Ht 0.1–0.4 m. Alt 91–500 m. KZN

obcordata E.Mey. = **Sarcocaulon l'heritieri**

ovata Cav. = **M. emarginata**

ovata Cav. subsp. *glauca* (R.Knuth) Bowden & F.S.Mull. = **M. glauca**

parvifolia Schinz
M. senegalensis Guill. & Perr. var. *hirsutissima* Harv. (3)
Perennial. Herb. Ht 0.02–0.8 m. Alt 290–1006 m. N, NC

praemorsa E.Mey. ex R.Knuth
M. senecioides R.Knuth (3)
Perennial. Herb. Ht 0.1–0.3 m. Alt 3–427 m. KZN

rehmii Suess. = **M. umbellata**

rudatisii R.Knuth = **M. grandifolia**

senecioides R.Knuth = **M. praemorsa**

senegalensis Guill. & Perr.
Perennial. Herb. Ht 0.05–0.3 m. Alt 500–1485 m. N, B, LIM

senegalensis Guill. & Perr. var. *hirsutissima* Harv. = **M. parvifolia**

speciosa L.
Perennial. Herb. Ht 0.1–0.3 m. Alt 36–305 m. WC

spinosa L'Hér. = **Sarcocaulon l'heritieri**

stricta R.Knuth = **M. glauca**

transvaalensis R.Knuth
Perennial. Herb. Ht 0.1–0.5 m. Alt 1525–2300 m. M

trilobata Kers
Annual. Herb. Ht 0.07–0.3 m. Alt? N

umbellata Harv.
M. rehmii Suess. (3)
Perennial. Herb. Ht 0.1–0.6 m. Alt 490–1250 m. N, NC

PELARGONIUM L'Hér. 3928000

(1) Harvey. 1860. *FC* 1: 254–308.
(2) Knuth. 1912. *Das Pflanzenreich* 4, 129 (Heft 53): 316–545.
(3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 52.
(4) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 146.
(5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 335.
(6) Leighton. 1933. *The Flowering Plants of South Africa* 13: t. 512.
(7) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 671.
(8) Dyer. 1940. *The Flowering Plants of South Africa* 20: tt. 780, 794, 795.
(9) Dyer. 1945. *The Flowering Plants of Africa* 25: tt. 971, 981.
(10) Van Druten. 1952. *The Flowering Plants of Africa* 29: t. 1134.
(11) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1145.
(12) Leighton. 1959. *The Flowering Plants of Africa* 33: t. 1282.
(13) Müller. 1963. *Flora zambesiaca* 2: 140–149.
(14) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1475.
(15) Merxmüller. 1966. *FSWA* 64: 5–13.
(16) Vorster. 1973. *The Flowering Plants of Africa* 42: t. 1669.
(17) Van der Walt & Vorster. 1977. *Pelargoniums of southern Africa* 1.
(18) Van der Walt. 1978. *The Flowering Plants of Africa* 45: t. 1773.
(19) Dyer. 1979. *The Flowering Plants of Africa* 45: t. 1800.
(20) Van der Walt & Vorster. 1980. *Journal of South African Botany* 46: 279–281, 283–292.
(21) Marais *et al.* 1981. *Journal of South African Botany* 47: 573–576.
(22) Van der Walt & Vorster. 1981. *Bothalia* 13: 431–433.
(23) Van der Walt & Vorster. 1981. *Pelargoniums of southern Africa* 2.
(24) Olivier & Van der Walt. 1984. *Journal of South African Botany* 50: 1–14.
(25) Van der Walt. 1985. *Bothalia* 15: 345–385.
(26) Van der Walt & Boucher. 1986. *South African Journal of Botany* 52: 438–462.
(27) Vorster. 1986. *The Flowering Plants of Africa* 49: tt. 1923, 1924.
(28) Vorster. 1986. *South African Journal of Botany* 52: 184–186, 268, 383, 384, 481–484.
(29) Nordenstam. 1987. *Plant Systematics and Evolution* 155: 333–337.
(30) Vorster. 1987. *The Flowering Plants of Africa* 49: t. 1947.
(31) Vorster. 1987. *South African Journal of Botany* 53: 65–70, 71–74.
(32) Van der Walt & Van Zyl. 1988. *South African Journal of Botany* 54: 145–171.
(33) Van der Walt & Vorster. 1988. *Pelargoniums of southern Africa* 3.
(34) Marais. 1989. *The Flowering Plants of Africa* 50: t. 1987.
(35) Van der Walt *et al.* 1989. *Plant Systematics and Evolution* 171: 15–26.
(36) Barker. 1990. *The Flowering Plants of Africa* 51: t. 2019.
(37) Dreyer & Van der Walt. 1990. *South African Journal of Botany* 56: 65–67.
(38) Marais. 1990. *The Flowering Plants of Africa* 51: t. 2018.
(39) Marais. 1990. *South African Journal of Botany* 56: 565–570.
(40) Scheltema & Van der Walt. 1990. *South African Journal of Botany* 56: 285–302.
(41) Van der Walt *et al.* 1990. *South African Journal of Botany* 56: 467–470.
(42) Van der Walt *et al.* 1990. *South African Journal of Botany* 56: 560–564.
(43) Van der Walt *et al.* 1990. *Plant Systematics and Evolution* 171: 15–26.
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(45) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 106.
(46) Marais. 1991. *South African Journal of Botany* 57: 55, 56.
(47) Van Jaarsveld. 1991. *The Flowering Plants of Africa* 51: t. 2035.
(48) Albers *et al.* 1992. *Plant Systematics and Evolution* 179: 257–276.
(49) Dreyer *et al.* 1992. *Plant Systematics and Evolution* 183: 83–97.
(50) Dreyer *et al.* 1992. *The Flowering Plants of Africa* 52: t. 2059.
(51) Marais. 1992. *South African Journal of Botany* 58: 220–223.
(52) Coetzee & Van der Walt. 1992. *South African Journal of Botany* 58: 77–82.
(53) Vorster. 1992. *The Flowering Plants of Africa* 52: t. 2060.
(54) Marais. 1993. *South African Journal of Botany* 59: 123–134.
(55) Marais. 1994. *Taxonomic studies in* Pelargonium, *section* Hoarea *(Geraniaceae)*. Ph.D. thesis, University of Stellenbosch, Stellenbosch.
(56) Marais. 1994. *South African Journal of Botany* 60: 333–339.
(57) Van der Walt *et al.* 1995. *South African Journal of Botany* 61: 331–338.
(58) Albers *et al.* 1995. *South African Journal of Botany* 61: 339–346.
(59) Dreyer *et al.* 1995. *South African Journal of Botany* 61: 325–330.
(60) Lavranos *et al.* 1995. *Flowering Plants of Africa* 54: t. 2109.
(61) Marais & Condy. 1995. *Flowering Plants of Africa* 54: t. 2108.
(62) Marais 1995. *Flowering Plants of Africa* 57: t. 2018.
(63) Marais. 1995. *South African Journal of Botany* 61: 90–100.
(64) Van Wyk & Van der Walt. 1995. *Bothalia* 25: 133–139.
(65) Maggs *et al.* 1995. *South African Journal of Botany* 61: 53–59, 173–179.
(66) Marais. 1996. *South African Journal of Botany* 62: 225–227, 228–230.
(67) Vorster. 1996. *South African Journal of Botany* 62: 54–56.
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(71) Marais. 1999. *South African Journal of Botany* 65: 50–58, 404–406.
(72) Maggs *et al.* 1999. *South African Journal of Botany* 65: 115–143.
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(75) Meve *et al.* 2000. *South African Journal of Botany* 66: 96–98.
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abrotanifolium (L.f.) Jacq.
P. incisum (Andrews) Willd. (20)
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 37–2196 m. FS, WC, EC

acerifolium (Mill.) L'Hér. = **P. cucullatum** subsp. **strigifolium**

acetosum (L.) L'Hér.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 80–300 m. EC

aciculatum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

aconitophyllum (Eckl. & Zeyh.) Steud. = **P. luridum**

acraeum R.A.Dyer
Perennial. Shrub. Ht 1–2 m. Alt 1200–1970 m. M, S, KZN

aestivale E.M.Marais
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC, EC

affine (Poir.) G.Don = **P. longiflorum**

album J.J.A.van der Walt
Perennial. Dwarf shrub, scrambler. Ht 0.1–0.6 m. Alt up to 900 m. M

alchemillifolium Salisb. = **P. alchemilloides**

alchemilloides (L.) L'Hér.
P. alchemillifolium Salisb. (17)
P. malvaefolium Jacq. (17)
Perennial. Dwarf shrub. Ht 0.2–1.5 m. Alt 3–3000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

alpinum Eckl. & Zeyh.
P. marlothii R.Knuth (2)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1100–2013 m. WC

alternans J.C.Wendl.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 153–1830 m. WC

althaeoides (L.) L'Hér.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 610–2250 m. FS, L, EC

amabile Dinter = **P. sibthorpiifolium**

amatymbicum (Eckl. & Zeyh.) Harv. = **P. schizopetalum**

andrewsii (Sweet) G.Don = **P. longifolium**

anethifolium (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 640–826 m. WC

angulosum (Mill.) L'Hér. = **P. cucullatum** subsp. **cucullatum**

angustifolium (Thunb.) DC. = **P. longiflorum**

angustipetalum E.M.Marais
Perennial. Shrub. Ht 0.1–1.2 m. Alt? NC

angustissimum E.Mey. = **P. coronopifolium**

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **antidysentericum**
Perennial. Shrub. Ht 0.5–1.5 m. Alt 610–915 m. N, NC, WC

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **inerme** Scheltema
Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, NC, WC

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **zonale** Scheltema
Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, NC, WC

apiifolium (Andrews) Loudon = **P. petronelinifolium**

appendiculatum (L.f.) Willd.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt up to 167 m. WC

arachnoideum R.Knuth = **P. asarifolium**

aridicola E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

aridum R.A.Dyer
P. dissectum (Eckl. & Zeyh.) Harv. (33)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 519–1830 m. NW, FS, L, EC

aristatum Steud. = **P. aristatum**

aristatum (Sweet) G.Don
P. aristatum Steud. (63)
P. recurvatum (Sweet) G.Don (45)
Perennial. Geophyte. Ht 0.09–0.3 m. Alt? WC

artemisiifolium DC. = **P. divisifolium**

articulatum (Cav.) Willd.
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 300–1525 m. NC, WC

asarifolium (Sweet) Loudon
P. arachnoideum R.Knuth (2)
Perennial. Geophyte. Ht 0.13–0.3 m. Alt up to 300 m. WC

astragalifolium (Cav.) Jacq. = **P. pinnatum**

astragalifolium (Cav.) Jacq. var. *foliolosum* (DC.) Harv. = **P. viciifolium**

astragalifolium (Cav.) Jacq. var. *minor* Harv. = **P. viciifolium**

astragalifolium (in sense of Andrews) Loudon = **P. trifoliolatum**

astragalifolium (in sense of Andrews) Loudon var. *trifoliolatum* (Eckl. & Zeyh.) Harv. = **P. trifoliolatum**

atrum L'Hér. = **P. auritum** var. **auritum**

attenuatum Harv.
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

auriculatum Willd. = **P. longifolium**

auritum (L.) Willd. = **P. auritum** var. **auritum**

auritum (L.) Willd. subsp. *auritum* J.J.A.van der Walt & Vorster = **P. auritum** var. **auritum**

auritum (L.) Willd. subsp. *carneum* (Harv.) J.J.A.van der Walt = **P. auritum** var. **carneum**

auritum (L.) Willd. var. **auritum**
P. atrum L'Hér. (55)
P. auritum (L.) Willd. (55)
P. auritum (L.) Willd. subsp. *auritum* J.J.A.van der Walt & Vorster (55)
P. dioicum Aiton (55)
P. hirsutum (Burm.f.) Aiton (55)
P. hirsutum (Burm.f.) Aiton var. *melananthum* (Jacq.) Harv. (55)
P. melananthon Jacq. (55)
P. undulaeflorum (Sweet) G.Don (55)
Perennial. Geophyte. Ht 0.05–0.25 m. Alt 61–999 m. WC, EC

auritum (L.) Willd. var. **carneum** (Harv.) E.M.Marais
P. auritum (L.) Willd. subsp. *carneum* (Harv.) J.J.A.van der Walt (55)
P. ensatum (Thunb.) DC. (55)
P. hirsutum (Burm.f.) Sol. var. *carneum* Harv. (20)
P. ovalifolium (Sweet) DC. (55)
P. reticulatum (Sweet) DC. (55)
P. strigosum (Eckl. & Zeyh.) Steud. (55)
Perennial. Geophyte Ht 0.05–0.25 m. Alt? EC

barbatum Jacq. = **P. proliferum**

barklyi Scott-Elliot
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 610–1950 m. NC

bechuanicum Burtt Davy = **P. dolomiticum**

bechuanicum Burtt Davy var. *latisectum* Burtt Davy = **P. dolomiticum**

betulinum (L.) L'Hér.
P. georgense R.Knuth (25)
Perennial. Shrub, dwarf shrub, Ht 0.3–1.3 m. Alt 15–259 m. WC

bicolor (Jacq.) L'Hér.
Perennial. Geophyte. Ht? Alt? WC

bifolium (Burm.f.) Willd.
Perennial. Geophyte. Ht? Alt? WC

bijugum (Eckl. & Zeyh.) Steud. = **P. chelidonium**

bipinnatifidum (Eckl. & Zeyh.) Steud. = **P. longifolium**

bowkeri Harv.
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 458–2200 m. M, S, FS, KZN, EC

brevipetalum N.E.Br.
Perennial. Geophyte. Ht? Alt? WC

brevirostre R.A.Dyer
Annual. Herb, scrambler. Ht? Alt 1067–1891 m. WC

bubonifolium (Andrews) Pers.
Geranium bubonifolium Andrews (69)
P. congestum (Sweet) G.Don (69)
P. namaquense R.Knuth (69)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt? N, NC

burgerianum J.J.A.van der Walt
Perennial. Shrub. Ht? Alt? WC

burtoniae L.Bolus
Perennial. Geophyte. Ht? Alt? WC

caespitosum Turcz. subsp. **caespitosum**
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 838–1220 m. WC

caespitosum Turcz. subsp. **concavum** Hugo
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 335–915 m. WC

caffrum (Eckl. & Zeyh.) Harv.
Perennial. Geophyte. Ht 0.05–0.5 m. Alt 183–1678 m. WC, EC

caledonicum L.Bolus
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

calviniae R.Knuth
Perennial. Geophyte. Ht? Alt? WC

campestre (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht 0.06–0.14 m. Alt? EC

canariense Willd. = **P. candicans**

candicans Spreng.
P. canariense Willd. (23)
Perennial. Dwarf shrub, scrambler. Ht 0.1–0.3 m. Alt 60–700 m. WC, EC

capillare (Cav.) Willd.
P. leptopodium Bolus (23)
P. mahernium L'Hér. ex DC. (23)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 457–1600 m. WC

capitatum (L.) L'Hér.
Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 1–1300 m. KZN, WC, EC

capituliforme R.Knuth
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 1800–2592 m. KZN, L, EC

cardiophyllum Harv. = **P. setulosum**

carinatum J.C.Wendl. = **P. rapaceum**

carneum Jacq.
P. maximiliani Schltr. (55)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 854–1068 m. WC, EC

carnosum (L.) L'Hér.
P. eberlanzii R.Knuth (21)
P. ferulaceum (Burm.f.) Willd. (17)
Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 610–976 m. N, NC, WC, EC

caroli-henrici B.Nord.
Perennial. Geophyte. Ht 0.11–0.25 m. Alt? WC

caucalidifolium Schltr. = **P. crassipes**

caucalifolium Jacq. subsp. **caucalifolium**
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 15–1830 m. WC, EC

caucalifolium Jacq. subsp. **convolvulifolium** (Schltr. ex R.Knuth) J.J.A.van der Walt
P. convolvulifolium Schltr. ex R.Knuth (26)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 30–488 m. WC

cavanillesii Knuth = **P. heterophyllum**

centauroides DC. = **P. incrassatum**

ceratophyllum L'Hér.
P. hospitans Dinter (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt? N, NC

chamaedryfolium Jacq.
Annual, occ. perennial. Herb or scrambler. Ht 0.05–0.1 m. Alt 50–960 m. WC

chelidonium (Houtt.) DC.
P. bijugum (Eckl. & Zeyh.) Steud. (62)
P. ficaria Willd. (62)
P. meyeri Harv. (62)
P. revolutum (Andrews) Pers. (62)
P. trilobum (Thunb.) DC. (62)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt 61–122 m. WC

ciliatum (Cav.) Pers. = **P. proliferum**

ciliatum Jacq. = **P. longifolium**

ciliatum L'Hér. = **P. heterophyllum**

citronellum J.J.A.van der Walt
Perennial. Shrub. Ht 0.5–2 m. Alt 390–570 m. WC

columbinum Jacq.
Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 27–2400 m. WC

concavifolium Pers. = **P. radicatum**

condensatum Pers. = **P. incrassatum**

confertum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC

congestum (Sweet) G.Don = **P. bubonifolium**

connivens E.M.Marais
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

conspicuum (Sweet) G.Don = **P. grenvilleae**

convolvulifolium Schltr. ex R.Knuth = **P. caucalifolium** subsp. **convolvulifolium**

cordatum L'Hér. = **P. cordifolium**

cordatum L'Hér. var. *lanatum* (Thunb.) Harv. = **P. cordifolium**

cordatum L'Hér. var. *rubrocinctum* (Link) Harv. = **P. cordifolium**

cordifolium (Cav.) Curtis
P. cordatum L'Hér. (25)
P. cordatum L'Hér. var. *lanatum* (Thunb.) Harv. (25)
P. cordatum L'Hér. var. *rubrocinctum* (Link) Harv. (25)
Perennial. Shrub. Ht 1–1.5 m. Alt 91–1220 m. WC, EC

coronopifolium Jacq.
P. angustissimum E.Mey. (32)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 425–1311 m. WC

cortusifolium L'Hér.
P. monsoniaefolium Dinter ex R.Knuth (15)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 30–610 m. N

corydaliflorum (Sweet) DC. = **P. rapaceum**

cradockense (Kuntze) R.Knuth = **P. dichondrifolium**

crassicaule L'Hér.
P. mirabile Dinter (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt up to 61 m. N, NC

crassipes Harv.
P. caucalidifolium Schltr. (17)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 183 m. NC, WC

crinitum Harv. = **P. radiatum**

crispum (P.J.Bergius) L'Hér.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.75 m. Alt 90–1662 m. WC

crithmifolium Sm.
Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 40–920 m. N, NC, WC

cucullatum (L.) L'Hér. in part = **P. cucullatum** subsp. **tabulare**

cucullatum (L.) L'Hér. subsp. **cucullatum**
P. angulosum (Mill.) L'Hér. (25)
Perennial. Shrub. Ht 1–2 m. Alt 6–427 m. WC

cucullatum (L.) L'Hér. subsp. **strigifolium** Volschenk
P. acerifolium (Mill.) L'Hér. (25)
Perennial. Shrub. Ht 0.4–0.75 m. Alt 50–762 m. WC

cucullatum (L.) L'Hér. subsp. **tabulare** Volschenk
P. cucullatum (L.) L'Hér. in part (25)
Perennial. Shrub. Ht 1–2 m. Alt 152–915 m. WC

cucullatum (L.) L'Hér. × **P. betulinum** (L.) L'Hér.
Perennial. Shrub. Ht 0.3–1 m. Alt? WC

curviandrum E.M.Marais
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt? WC

damarense R.Knuth = **P. otaviense**

dasyphyllum E.Mey. ex R.Knuth
Perennial. Dwarf shrub, succulent. Ht 0.2–0.3 m. Alt 190–824 m. NC

denticulatum Jacq.
Perennial. Shrub. Ht 1–2 m. Alt 260–1600 m. WC

depressum Jacq. = **P. longiflorum**

desertorum Vorster
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt up to 1500 m. NC

dichondrifolium DC.
P. cradockense (Kuntze) R.Knuth (33)
P. middletonianum R.Knuth (33)
Perennial. Herb. Ht 0.1–0.3 m. Alt 610–1677 m. EC

dioicum Aiton = **P. auritum** var. **auritum**

dipetalum L'Hér.
P. erythrophyllum (Eckl. & Zeyh.) Steud. (55)
P. l'héritieri (Sweet) G.Don (55)
P. nivenii Harv. (55)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 15–160 m. WC, EC

dispar N.E.Br.
Perennial, occ. annual. Herb, scrambler. Ht 0.1–0.2 m. Alt 1982–2100 m. M, FS, KZN

dissectum (Eckl. & Zeyh.) Harv. = **P. aridum**

divaricatum (Thunb.) DC. = **P. fruticosum**

diversifolium J.C.Wendl. = **P. laevigatum** subsp. **diversifolium**

divisifolium Vorster
P. artemisiifolium DC. (33)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 549–1220 m. WC

dolomiticum R.Knuth
P. bechuanicum Burtt Davy (23)
P. bechuanicum Burtt Davy var. *latisectum* Burtt Davy (23)
P. juttae Dinter (23)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1067–2336 m. N, B, NW, G, M, S, FS

eberlanzii Dinter = **P. sibthorpiifolium**

eberlanzii R.Knuth = **P. carnosum**

echinatum Curtis
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 15–1080 m. NC, WC

elegans (Andrews) Willd.
P. ovale (Burm.f.) L'Hér. subsp. *ovatum* Harv. (32)
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–450 m. WC, EC

ellaphieae E.M.Marais
P. marginatum R.Knuth (21)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 15 m. WC

elongatum (Cav.) Salisb.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 30–2160 m. L, EC

englerianum R.Knuth
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 670–1311 m. WC

ensatum (Thunb.) DC. = **P. auritum** var. **carneum**

erectum R.Knuth = **P. glutinosum**

erythrophyllum (Eckl. & Zeyh.) Steud. = **P. dipetalum**

eupatoriifolium (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht? Alt? WC

exhibens Vorster
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? EC

exstipulatum (Cav.) L'Hér.
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 61–610 m. WC

fasciculaceum E.M.Marais
Perennial. Geophyte. Ht 0.3–0.5 m. Alt? NC, WC

fergusoniae L.Bolus
Perennial. Geophyte. Ht 0.12–0.22 m. Alt? WC

ferulaceum (Burm.f.) Willd. = **P. carnosum**

ficaria Willd. = **P. chelidonium**

filicaule R.Knuth = **P. grossularioides**

fissifolium (Andrews) Pers.
P. floribundum (Andrews) Aiton (45)
Perennial. Geophyte. Ht 0.07–0.14 m. Alt 800–1000 m. WC

flabellifolium Harv. = **P. luridum**

flavum (Burm.f.) L'Hér. = **P. triste**

floribundum (Andrews) Aiton = **P. fissifolium**

foliolosum DC. = **P. viciifolium**

fragile (Andrews) Willd. = **P. trifidum**

frutetorum R.A.Dyer
Perennial. Dwarf shrub. Ht? Alt? EC

fruticosum (Cav.) Willd.
P. divaricatum (Thunb.) DC. (23)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 10–1622 m. WC, EC

fulgidum (L.) L'Hér.
Perennial. Dwarf shrub, succulent, scrambler. Ht 0.4–1 m. Alt 15–183 m. NC, WC

fumariifolium R.Knuth
Perennial. Geophyte. Ht? Alt? N, NC, WC

fumarioides L'Hér. ex Harv. = **P. minimum**

georgense R.Knuth = **P. betulinum**

gibbosum (L.) L'Hér.
Perennial. Succulent, scrambler. Ht 0.2–0.4 m. Alt 6–1555 m. WC

gilgianum Schltr. ex R.Knuth
Annual. Herb. Ht up to 0.5 m. Alt 305–1830 m. NC

githagineum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

glabriphyllum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

glaucum (L.f.) L'Hér. = **P. lanceolatum**

glutinosum (Jacq.) L'Hér.
P. erectum R.Knuth (24)
Perennial. Shrub. Ht 0.5–1.8 m. Alt 122–2000 m. WC, EC

gracile (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht? Alt? WC

gracilipes R.Knuth
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC

gracillimum Fourc.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC, EC

grandicalcaratum R.Knuth
P. squarrosum Dinter (15)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 300–1006 m. N, NC, WC

grandiflorum (Andrews) Willd.
Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 396–1372 m. WC

graniticum R.Knuth = **P. sibthorpiifolium**

graveolens L'Hér.
P. intermedium R.Knuth (25)
Perennial. Shrub. Ht 0.6–1.3 m. Alt 120–2050 m. LIM, M, EC

grenvilleae (Andrews) Harv.
P. conspicuum (Sweet) G.Don (55)
Perennial. Geophyte. Ht 0.07–0.15 m. Alt? NC

greytonense J.J.A.van der Walt
Perennial. Shrub. Ht 0.5–1 m. Alt 457–915 m. WC

griseum R.Knuth
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1769–2287 m. EC

grossularioides (L.) L'Hér.
P. filicaule R.Knuth (13)
Annual occ. perennial. Herb. Ht 0.05–0.2 m. Alt 6–2795 m. FS, KZN, L, WC, EC

hantamianum R.Knuth
Perennial. Geophyte. Ht 0.18–0.19 m. Alt? WC

harveyanum R.Knuth = **P. hypoleucum**

hemicyclicum Hutch. & C.A.Sm.
Perennial. Geophyte. Ht? Alt? WC

heracleifolium Lodd. = **P. radulifolium**

hermanniifolium (P.J.Bergius) Jacq.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 274–1311 m. WC

heterolobum DC. = **P. violiflorum**

heterophyllum (Andrews) Loudon = **P. longifolium**

heterophyllum Jacq.
P. cavanillesii Knuth (55)
P. ciliatum L'Hér. (55)
P. hirtum Willd. (55)
P. longifolium (Burm.f.) Jacq. var. *ciliatum* (L'Hér.) Harv. (55)
P. oxalidifolium (Andrews) Pers. (55)
P. pilosum (Cav.) Steud. (55)
Perennial. Herb. Ht 0.1–0.2 m. Alt 610–1525 m. WC, EC

hirsutum (Burm.f.) Aiton = **P. auritum** var. **auritum**

hirsutum (Burm.f.) Aiton. var. *carneum* Harv. = **P. auritum** var. **carneum**

hirsutum (Burm.f.) Aiton. var. *melananthum* (Jacq.) Harv. = **P. auritum** var. **auritum**

hirsutum Loudon = **P. undulatum**

hirtipetalum E.M.Marais
Perennial. Geophyte. Ht 0.07–0.16 m. Alt? NC, WC

hirtum (Burm.f.) Jacq.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 137–183 m. WC

hirtum Willd. = **P. heterophyllum**

hispidum (L.f.) Willd.
Perennial. Shrub. Ht 1–2.5 m. Alt 300–1400 m. WC

hollandii F.M.Leight. = **P. pulverulentum**

hospitans Dinter = **P. ceratophyllum**

hypoleucum Turcz.
P. harveyanum R.Knuth (33)
Perennial. Herb, scrambler. Ht 0.1–0.3 m. Alt up to 155 m. WC, EC

hystrix Harv.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt? WC

incarnatum (L'Hér.) Moench
Erodium incarnatum L'Hér. (41)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 140–1220 m. WC

incisum (Andrews) Willd. = **P. abrotanifolium**

incrassatum (Andrews) Sims
P. centauroides DC. (55)
P. condensatum Pers. (55)
P. roseum (Andrews) Aiton (55)
Perennial. Geophyte. Ht 1–2 m. Alt 650–1500 m. NC, WC

inquinans (L.) L'Hér.
Perennial. Shrub. Ht 1–2 m. Alt 61–1829 m. M, KZN, EC

intermedium R.Knuth = **P. graveolens**

iocastum (Eckl. & Zeyh.) Steud.
Perennial. Herb, scrambler. Ht 0.05–0.15 m. Alt 180–1373 m. WC

ionidiflorum (Eckl. & Zeyh.) Steud.
Perennial. Shrub. Ht 0.1–0.5 m. Alt 167–915 m. EC

jacobii R.A.Dyer = **P. klinghardtense**

juttae Dinter = **P. dolomiticum**

karooicum Compton & P.E.Barnes
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 250–732 m. NC, WC

karrooense R.Knuth = **P. quercifolium**

klinghardtense R.Knuth
P. jacobii R.A.Dyer (15)
P. paradoxum Dinter (15)
Perennial. Shrub, succulent. Ht 0.2–0.8 m. Alt? N, NC

laciniatum R.Knuth
Annual. Herb. Ht 0.2–0.3 m. Alt up to 550 m. WC

laciniatum (Andrews) Pers. = **P. proliferum**

ladysmithianum R.Knuth
Perennial. Geophyte. Ht? Alt? WC

laevigatum (L.f.) Willd. subsp. **diversifolium** (J.C.Wendl.) Schonken
P. diversifolium J.C.Wendl. (23)
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 915–1830 m. WC, EC

laevigatum (L.f.) Willd. subsp. **laevigatum**
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 450–1616 m. WC, EC

laevigatum (L.f.) Willd. subsp. **oxyphyllum** (DC.) Schonken
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 1100–1311 m. WC, EC

lancifolium (Eckl. & Zeyh.) Steud. = **P. longifolium**

lanceolatum (Cav.) Kern
P. glaucum (L.f.) L'Hér. (23)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 457–762 m. WC

lateripes L'Hér. = **P. peltatum**

laxum (Sweet) G.Don
Perennial. Succulent. Ht 0.1–0.3 m. Alt? WC, EC

leeanum (Sweet) G.Don = **P. proliferum**

leipoldtii R.Knuth
Perennial. Geophyte. Ht 0.05–0.3 m. Alt up to 793 m. NC, WC

leptopodium Bolus = **P. capillare**

leptum L.Bolus
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

lessertiaefolium (Eckl. & Zeyh.) Steud. = **P. pinnatum**

leucophyllum Turcz.
Perennial, occ. annual. Herb. Ht 0.01–0.3 m. Alt 1830–2287 m. FS, EC

l'héritieri (Sweet) G.Don = **P. dipetalum**

lineare (Andrews) Pers. = **P. longiflorum**

lobatum (Burm.f.) L'Hér.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 5–1678 m. WC, EC

longicaule Jacq. var. **angustipetalum** C.Boucher
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

longicaule Jacq. var. **longicaule**
P. myrrhifolium (L.) L'Hér. var. *fruticosum* (Cav.) Harv. (26)
P. myrrhifolium (L.) L'Hér. var. *longicaule* (Jacq.) Harv. (26)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 15–884 m. WC

longiflorum Jacq.
P. affine (Poir.) G.Don (55)
P. angustifolium (Thunb.) DC. (55)
P. depressum Jacq. (55)
P. lineare (Andrews) Pers. (55)
P. longiflorum Jacq. var. *depressum* (Jacq.) Loudon (55)
P. longifolium (Burm.f.) Jacq. var. *longiflorum*(Jacq.) Harv. (55)
P. rumicifolium (Sweet) Loudon (55)
P. spathulatum (Andrews) Pers. (55)
P. spathulatum (Andrews) Pers. var. *affine* (Poir.) Loudon (55)
P. spathulatum (Andrews) Pers. var. *curvifolium* (Andrews) Knuth (55)
Perennial. Geophyte. Ht 0.13–0.3 m. Alt? NC, WC

longiflorum Jacq. var. *depressum* (Jacq.) Loudon = **P. longiflorum**

longifolium (Burm.f.) Jacq.
P. andrewsii (Sweet) G.Don (55)
P. auriculatum Willd. (55)
P. bipinnatifidum (Eckl. & Zeyh.) Steud. (55)
P. ciliatum Jacq. (17)
P. heterophyllum (Andrews) Loudon (55)
P. lancifolium (Eckl. & Zeyh.) Steud. (55)
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 61–1220 m. WC

longifolium (Burm.f.) Jacq. var. *ciliatum* (L'Hér.) Harv. = **P. heterophyllum**

longifolium (Burm.f.) Jacq. var. *longiflorum* (Jacq.) Harv. = **P. longiflorum**

longifolium (Burm.f.) Jacq. var. *nivea* (Sweet) R.Knuth = **P. violiflorum**

longifolium (Burm.f.) Jacq. var. *parnassioides* (DC.) Knuth = **P. proliferum**

longifolium (Burm.f.) Jacq. var. *virgineum* (Pers.) Harv. = **P. undulatum**

longiscapum Schltr. = **P. luridum**

luridum (Andrews) Sweet
P. aconitophyllum (Eckl. & Zeyh.) Steud. (17)
P. flabellifolium Harv. (13)
P. longiscapum Schltr. (13)
P. rehmannii Szyszyl. (13)
P. schlechteri R.Knuth (55)
P. zeyheri Harv. (13)
Perennial. Geophyte. Ht 0.8–1 m. Alt 10–2440 m. N, NW, G, M, S, FS, KZN, L, EC

luteolum N.E.Br.
Perennial. Geophyte. Ht 0.08–0.3 m. Alt up to 520 m. NC, WC, EC

luteum (Andrews) G.Don
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC

magenteum J.J.A.van der Walt
P. rhodanthum Schltr. (20)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 120–940 m. NC, WC

mahernium L'Hér. ex DC. = **P. capillare**

malacoides R.Knuth = **P. nanum**

malvaefolium Jacq. = **P. alchemilloides**

marginatum R.Knuth = **P. ellaphieae**

marlothii R.Knuth = **P. alpinum**

maximiliani Schltr. = **P. carneum**

melananthon Jacq. = **P. auritum** var. **auritum**

meyeri Harv. = **P. chelidonium**

middletonianum R.Knuth = **P. dichondrifolium**

minimum (Cav.) Willd.
P. fumarioides L'Hér. ex Harv. (33)
Annual. Herb. Ht 0.05–0.1 m. Alt 915–1700 m. N, NW, G, M, S, FS, KZN, L, NC, WC, EC

mirabile Dinter = **P. crassicaule**

mollicomum Fourc.
Perennial. Dwarf shrub. Ht 0.02–0.1 m. Alt? EC

moniliforme Harv.
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 90–915 m. NC, WC

monsoniaefolium Dinter ex R.Knuth = **P. cortusifolium**

multicaule Jacq. subsp. **multicaule**
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 6–1950 m. S, FS, L, WC, EC

multicaule Jacq. subsp. **subherbaceum** (R.Knuth) J.J.A.van der Walt
P. subherbaceum R.Knuth (26)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 300–1981 m. M, KZN

multifidum Harv. = **P. plurisectum**

multiradiatum J.C.Wendl.
Perennial. Geophyte. Ht 0.5–0.8 m. Alt? WC

mutans Vorster
Perennial. Dwarf shrub, succulent. Ht up to 0.7 m. Alt up to 750 m. KZN

myrrhifolium (L.) L'Hér. var. *betonicum* (Burm.f.) Harv. = **P. myrrhifolium** var. **myrrhifolium**

myrrhifolium (L.) L'Hér. var. **coriandrifolium** (L.) Harv.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 15–976 m. NC, WC

myrrhifolium (L.) L'Hér. var. *fruticosum* (Cav.) Harv. = **P. longicaule** var. **longicaule**

myrrhifolium (L.) L'Hér. var. *longicaule* (Jacq.) Harv. = **P. longicaule** var. **longicaule**

myrrhifolium (L.) L'Hér. var. **myrrhifolium**
P. myrrhifolium (L.) L'Hér. var. *betonicum* (Burm.f.) Harv. (15)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 36–1220 m. WC, EC

namaquense R.Knuth = **P. bubonifolium**

nanum L'Hér.
P. malacoides R.Knuth (28)
P. parvulum DC. (28)
P. procumbens (Andrews) Pers. (28)
Annual, occ. perennial. Herb, scrambler. Ht 0.01–0.1 m. Alt 457–2348 m. N, NC, WC, EC

nelsonii Burtt Davy
Perennial. Geophyte. Ht? Alt 1430–1520 m. WC

nephrophyllum E.M.Marais
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? WC

nervifolium Jacq.
Perennial. Geophyte. Ht 0.08–0.13 m. Alt up to 1000 m. WC

nivenii Harv. = **P. dipetalum**

niveum (Sweet) Loudon = **P. violiflorum**

nummulifolium Salisb.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

nutans DC. = **P. rapaceum**

oblongatum Harv.
Perennial. Geophyte. Ht 0.2–0.3 m. Alt 915–1220 m. NC

ocellatum J.J.A.van der Walt
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 380 m. WC

ochroleucum Harv.
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? NC

odoratissimum (L.) L'Hér.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–1372 m. M, S, KZN, WC, EC

oenothera (L.f.) Jacq.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 100–1220 m. WC

oppositifolium Schltr.
Perennial. Herb. Ht 0.35–0.4 m. Alt? L

oreophilum Schltr.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt up to 915 m. WC

ornithopifolia (Eckl. & Zeyh.) Steud. = **P. pinnatum**

otaviense R.Knuth
P. damarense R.Knuth (23)
P. roessingense Dinter (23)
P. virgatum R.Knuth (23)
Perennial. Shrub. Ht 0.2–1 m. Alt 200–1850 m. N, NC

ovale (Burm.f.) L'Hér. subsp. **hyalinum** Hugo
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 611–1500 m. WC

ovale (Burm.f.) L'Hér. subsp. **ovale**
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 45–1800 m. WC

ovale (Burm.f.) L'Hér. subsp. *ovatum* Harv. = **P. elegans**

ovale (Burm.f.) L'Hér. subsp. **veronicifolium** (Eckl. & Zeyh.) Hugo
P. veronicaefolium (Eckl. & Zeyh.) Steud. (32)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 450 m. WC

ovalifolium (Sweet) DC. = **P. auritum** var. **carneum**

ovatifolium Steud. = **P. undulatum**

ovatostipulatum R.Knuth = **P. stipulaceum** subsp. **ovato-stipulatum**

oxalidifolium (Andrews) Pers. = **P. heterophyllum**

oxaloides (Burm.f.) Willd.
Perennial. Geophyte. Ht? Alt? WC

panduriforme Eckl. & Zeyh.
P. quercifolium in sense of L'Hér., misapplied name (25)
Perennial. Shrub. Ht 1–2 m. Alt 305–1370 m. EC

paniculatum Jacq.
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt? N, NC

papilionaceum (L.) L'Hér.
Perennial. Shrub. Ht 0.1–0.2 m. Alt 15–671 m. WC

paradoxum Dinter = **P. klinghardtense**

parnassioides DC. = **P. proliferum**

parvipetalum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC

parvirostre R.A.Dyer
Perennial. Geophyte. Ht? Alt? WC

parvulum DC. = **P. nanum**

patulum Jacq. var. **grandiflorum** N.van Wyk
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 457–1525 m. WC

patulum Jacq. var. **patulum**
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 274–1525 m. WC

patulum Jacq. var. **tenuilobum** (Eckl. & Zeyh.) Harv.
Perennial. Dwarf shrub. Ht 0.01–0.3 m. Alt 320–1830 m. WC

peltatum (L.) L'Hér.
P. lateripes L'Hér. (24)
Perennial. Herb, climber. Ht 0.1–2 m. Alt 6–1220 m. WC, EC

penniforme Pers. = **P. proliferum**

petronelinifolium Don
P. apiifolium (Andrews) Loudon (45)
P. pilosum (Andrews) Pers. (45)
Perennial. Geophyte. Ht 0.01–0.3 m. Alt up to 305 m. WC

pillansii Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

pilosellifolium (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? WC

pilosum (Andrews) Pers. = **P. petronelinifolium**

pilosum (Cav.) Steud. = **P. heterophyllum**

pinnatum (L.) L'Hér.
P. astragalifolium (Cav.) Jacq. (54)
P. lessertiaefolium (Eckl. & Zeyh.) Steud. (54)
P. ornithopifolia (Eckl. & Zeyh.) Steud. (54)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 54–914 m. WC

plurisectum Salter
P. multifidum Harv. (22)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC

polycephalum (E.Mey. ex Harv.) R.Knuth
Perennial. Geophyte. Ht up to 0.3 m. Alt? N, NC

populifolium Eckl. & Zeyh. = **P. ribifolium**

praemorsum (Andrews) F.Dietr. subsp. **praemorsum**
P. quinatum Sims (17)
Perennial. Shrub. Ht 0.5–1 m. Alt 134 –1173 m. N, NC

praemorsum (Andrews) F.Dietr. subsp. **speciosum** Scheltema
Perennial. Shrub. Ht 0.5–1 m. Alt 190–1200 m. N, NC

procumbens (Andrews) Pers. = **P. nanum**

proliferum (Burm.f.) Steud.
P. barbatum Jacq. (55)
P. ciliatum (Cav.) Pers. (55)
P. laciniatum (Andrews) Pers. (55)
P. leeanum (Sweet) G.Don (55)
P. longifolium (Burm.f.) Jacq. var. *parnassioides* (DC.) Knuth (55)
P. parnassioides DC. (55)
P. penniforme Pers. (55)
P. purpurascens Pers. (55)
P. tysonii Szyszyl. (55)
Perennial. Geophyte. Ht? Alt up to 1677 m. WC

pseudofumarioides R.Knuth
Annual. Herb, scrambler. Ht 0.05–0.2 m. Alt 1372–2500 m. M, FS, KZN, L, EC

pseudoglutinosum R.Knuth
P. pseudoglutinosum R.Knuth var. *scabridum* (R.Knuth) R.Knuth (25)
P. uniondalense R.Knuth (25)
P. uniondalense R.Knuth var. *scabridum* R.Knuth (25)
Perennial. Shrub. Ht 0.6–1 m. Alt? EC

pseudoglutinosum R.Knuth var. *scabridum* (R.Knuth) R.Knuth = **P. pseudoglutinosum**

pubipetalum E.M.Marais
Perennial. Geophyte. Ht 0.06–0.14 m. Alt? NC

pulchellum Sims
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 92–1350 m. NC

pulchellum Salisb. = **P. reflexipetalum**

pulcherrimum F.M.Leight. = **P. radiatum**

pulverulentum Colvill ex Sweet
P. hollandii F.M.Leight. (17)
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 3–2211 m. KZN, EC

punctatum (Andrews) Willd.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 50 m. WC

purpurascens Pers. = **P. proliferum**

quarciticola Meve & E.M.Marais
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC

quercifolium (L.f.) L'Hér.
P. karrooense R.Knuth (25)
Perennial. Shrub. Ht 0.5–1.75 m. Alt 61–1100 m. EC

quercifolium in sense of L'Hér., misapplied name = **P. panduriforme**

quinatum Sims = **P. praemorsum** subsp. **praemorsum**

radens H.E.Moore
P. radula (Cav.) L'Hér. (25)
Perennial. Shrub. Ht 0.2–1 m. Alt 61–1372 m. WC, EC

radiatum (Andrews) Pers.
P. crinitum Harv. (55)
P. pulcherrimum F.M.Leight. (55)
Perennial. Geophyte. Ht 0.13–0.23 m. Alt up to 991 m. WC

radicatum Vent.
P. concavifolium Pers (77)
P. squamulosum R.Knuth (77)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 183 m. NC, WC

radula (Cav.) L'Hér. = **P. radens**

radulifolium (Eckl. & Zeyh.) Steud.
P. heracleifolium Lodd. (33)
Perennial. Geophyte. Ht 0.4–0.7 m. Alt 50–671 m. WC, EC

ramosissimum (Cav.) Willd.
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 900–1800 m. WC

ranunculophyllum (Eckl. & Zeyh.) Baker
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 152–2350 m. KZN, L, EC

rapaceum (L.) L'Hér.
P. carinatum J.C.Wendl. (55)
P. corydaliflorum (Sweet) DC. (55)
P. nutans DC. (55)
P. rapaceum (L.) L'Hér. var. *corydaliflorum* (Sweet) DC. (55)
P. rapaceum (L.) L'Hér. var. *selinum* (Andrews) Pers. (55)
P. rutaefolium Baker (55)
P. selinum (Andrews) Pers. (55)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 37–400 m. NC, WC, EC

rapaceum (L.) L'Hér. var. *corydaliflorum* (Sweet) DC. = **P. rapaceum**

rapaceum (L.) L'Hér. var. *selinum* (Andrews) Pers. = **P. rapaceum**

recurvatum (Sweet) G.Don = **P. aristatum**

redactum Vorster
Perennial. Dwarf shrub. Ht? Alt 610–1006 m. N, NC

reflexipetalum E.M.Marais
P. pulchellum Salisb., not of Sims (74)
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC

reflexum (Andrews) Pers.
Perennial. Geophyte. Ht 0.08–0.15 m. Alt 610–915 m. WC

rehmannii Szyszyl. = **P. luridum**

reniforme Curtis subsp. **reniforme**
Perennial. Dwarf shrub, geophyte. Ht 0.1–1 m. Alt 45–1380 m. EC

reniforme Curtis subsp. **velutinum** (Eckl. & Zeyh.) Dreyer
Perennial. Dwarf shrub, geophyte. Ht 0.1–1 m. Alt 20–1494 m. EC

reticulatum (Sweet) DC. = **P. auritum** var. **carneum**

revolutum (Andrews) Pers. = **P. chelidonium**

rhodanthum Schltr. = **P. magenteum**

ribifolium Jacq.
P. populifolium Eckl. & Zeyh. (25)
P. schonlandii R.Knuth (25)
Perennial. Shrub. Ht 1–1.2 m. Alt 30–1525 m. WC, EC

roessingense Dinter = **P. otaviense**

roseum (Andrews) Aiton = **P. incrassatum**

rubiginosum E.M.Marais
Perennial. Geophyte. Ht 0.07–0.2 m. Alt? NC

rumicifolium (Sweet) Loudon = **P. longiflorum**

rutaefolium Baker = **P. rapaceum**

salmoneum R.A.Dyer
Perennial. Dwarf shrub. Ht? Alt? WC

saniculaefolium Willd. = **P. tabulare**

scabroide R.Knuth
Perennial. Shrub. Ht 0.4–0.75 m. Alt 915–1372 m. WC

scabrum (Burm.f.) L'Hér.
P. scabrum (Burm.f.) L'Hér. var. *balsameum* (Jacq.) Harv. (25)
Perennial. Shrub. Ht 0.5–2 m. Alt 200–1500 m. NC, WC, EC

scabrum (Burm.f.) L'Hér. var. *balsameum* (Jacq.) Harv. = **P. scabrum**

schizopetalum Sweet
P. amatymbicum (Eckl. & Zeyh.) Harv. (17)
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 610–1769 m. WC, EC

schlechteri R.Knuth = **P. luridum**

schonlandii R.Knuth = **P. ribifolium**

selinum (Andrews) Pers. = **P. rapaceum**

semitrilobum Jacq.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC, EC

senecioides L'Hér.
Annual. Herb. Ht 0.15–0.4 m. Alt 61–1950 m. WC

sericeum E.Mey. = **P. sericifolium**

sericifolium J.J.A.van der Walt
P. sericeum E.Mey. (23)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NC

setosiusculum R.Knuth
Annual. Herb. Ht 0.25–0.4 m. Alt up to 640 m. EC

setosum (Sweet) DC.
Perennial. Geophyte. Ht? Alt? WC

setulosum Turcz.
P. cardiophyllum Harv. (22)
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 122–1400 m. WC

sibthorpiifolium Harv.
P. amabile Dinter (23)
P. eberlanzii Dinter (21)
P. graniticum R.Knuth (23)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N, NC

sidaefolium (Thunb.) R.Knuth = **P. sidoides**

sidoides DC.
P. sidaefolium (Thunb.) R.Knuth (33)
Perennial. Dwarf shrub, geophyte. Ht 0.2–0.5 m. Alt 300–2700 m. NW, M, S, FS, KZN, L, EC

spathulatum (Andrews) Pers. = **P. longiflorum**

spathulatum (Andrews) Pers. var. *affine* (Poir.) Loudon = **P. longiflorum**

spathulatum (Andrews) Pers. var. *curvifolium* (Andrews) Knuth = **P. longiflorum**

spinosum Willd.
Perennial. Shrub. Ht 0.5–1.3 m. Alt 300–1060 m. N, NC

squamulosum R.Knuth = **P. radicatum**

squarrosum Dinter = **P. grandicalcaratum**

stipulaceum (L.f.) Willd. subsp. **ovato-stipulatum** (R.Knuth) Vorster
P. ovatostipulatum R.Knuth (20)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt? NC, WC

stipulaceum (L.f.) Willd. subsp. **stipulaceum**
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 750–1159 m. NC, WC

strigosum (Eckl. & Zeyh.) Steud. = **P. auritum** var. **carneum**

subherbaceum R.Knuth = **P. multicaule** subsp. **subherbaceum**

sublignosum R.Knuth
Perennial. Shrub. Ht 0.5–1 m. Alt 915–1220 m. WC

suburbanum Clifford ex C.Boucher subsp. **bipinnatifidum** (Harv.) C.Boucher
P. urbanum (Eckl. & Zeyh.) Steud. var. *bipinnatifidum* Harv. (26)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–762 m. WC

suburbanum Clifford ex C.Boucher subsp. **suburbanum**
P. urbanum (Eckl. & Zeyh.) Steud. var. *pinnatifidum* Harv. (26)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 91–152 m. EC

sulphureum R.Knuth
Perennial. Geophyte. Ht 0.1–0.15 m. Alt? WC

tabulare (Burm.f.) L'Hér.
P. saniculaefolium Willd. (20)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 18–1900 m. WC

tenellum (Andrews) G.Don
Perennial. Geophyte. Ht 0.05–0.25 m. Alt? WC

tenuicaule R.Knuth
Perennial. Dwarf shrub, scrambler. Ht 0.07–0.2 m. Alt 200–900 m. N, NC

ternatum (L.f.) Jacq.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 61–1082 m. WC

ternifolium Vorster
P. trifoliatum Harv. (22)
Perennial. Geophyte. Ht 0.5–2 m. Alt 122–183 m. WC

tetragonum (L.f.) L'Hér.
Perennial. Succulent, scrambler. Ht 0.1–0.25 m. Alt 250–1035 m. WC

theianthum (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht? Alt? WC

tomentosum Jacq.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 122–1220 m. WC

tongaense Vorster
Perennial. Herb. Ht 0.2–0.4 m. Alt up to 75 m. KZN

torulosum E.M.Marais
Perennial. Geophyte. Ht? Alt? WC

tragacanthoides Burch.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 610–1525 m. N, FS, NC,WC, EC

transvaalense R.Knuth
Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 945–1464 m. M, KZN

triandrum E.M.Marais
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

tricolor Curtis
P. violareum Jacq. (17)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 400–1415 m. WC, EC

trifidum Jacq.
P. fragile (Andrews) Willd. (28)
P. tripartitum Willd. (25)
Perennial. Geophyte. Ht 0.05–0.6 m. Alt 190–1820 m. WC, EC

trifoliatum Harv. = **P. ternifolium**

trifoliatum Steud. = **P. trifoliolatum**

trifoliolatum (Eckl. & Zeyh.) E.M.Marais
P. astragalifolium (in sense of Andrews) Loudon (54)
P. astragalifolium (in sense of Andrews) Loudon var. *trifoliolatum* (Eckl. & Zeyh.) Harv. (54)
P. trifoliatum Steud. (54)
Perennial. Geophyte. Ht 0.13–0.17 m. Alt? WC

trilobum (Thunb.) DC. = **P. chelidonium**

tripartitum Willd. = **P. trifidum**

triphyllum Jacq.
Perennial. Geophyte. Ht 0.07–0.17 m. Alt? WC

triste (L.) L'Hér.
P. flavum (Burm.f.) L'Hér. (52)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 30–1200 m. NC, WC

tysonii Szyszyl. = **P. proliferum**

undulaeflorum (Sweet) G.Don = **P. auritum** var. **auritum**

undulatum (Andrews) Pers.
P. hirsutum Loudon (55)
P. longifolium (Burm.f.) Jacq. var. *virgineum* (Pers.) Harv. (55)
P. ovatifolium Steud. (55)
P. virgineum Pers. (55)
Perennial. Geophyte. Ht 0.09–0.24 m. Alt? WC

uniondalense R.Knuth = **P. pseudoglutinosum**

uniondalense R.Knuth var. *scabridum* R.Knuth = **P. pseudoglutinosum**

urbanum (Eckl. & Zeyh.) Steud. var. *bipinnatifidum* Harv. = **P. suburbanum** subsp. **bipinnatifidum**

urbanum (Eckl. & Zeyh.) Steud. var. *pinnatifidum* Harv. = **P. suburbanum** subsp. **suburbanum**

variifolium Steud. = **P. violiflorum**

veronicaefolium (Eckl. & Zeyh.) Steud. = **P. ovale** subsp. **veronicifolium**

viciifolium DC.
P. astragifolium (Cav.) Jacq. var. *foliolosum* (DC.) Harv. (54)
P. astragifolium (Cav.) Jacq. var. *minor* Harv. (54)
P. foliolosum DC. (54)
Perennial. Geophyte. Ht 0.09–0.24 m. Alt? WC

vinaceum E.M.Marais
Perennial. Geophyte. Ht 0.08–0.18 m. Alt? N, NC

violareum Jacq. = **P. tricolor**

violiflorum (Sweet) DC.
Geranium heterophyllum Thunb. (69)
P. heterolobum DC. (69)
P. longifolium (Burm.f.) Jacq. var. *nivea* (Sweet) R.Knuth (69)
P. niveum (Sweet) Loudon (69)
P. variifolium Steud. (69)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

virgatum R.Knuth = **P. otaviense**

virgineum Pers. = **P. undulatum**

vitifolium (L.) L'Hér.
Perennial. Shrub. Ht 0.5–1 m. Alt 610–1799 m. WC

woodii R.Knuth
Perennial. Geophyte. Ht 0.4–0.6 m. Alt? KZN

worcesterae R.Knuth
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 305–549 m. EC

xerophyton Schltr. ex R.Knuth
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 946–1480 m. N, NC

zeyheri Harv. = **P. luridum**

zonale (L.) L'Hér.
Perennial. Shrub, scrambler. Ht 1–3 m. Alt 61–1800 m. KZN, WC, EC

SARCOCAULON (DC.) Sweet 3926000

(1) Engler. 1889. *Botanische Jahrbücher* 10: 30, 31.
(2) Hiern. 1896. *Catalogue of the African plants collected by Dr. Friedrich Welwitsch* 1: 108.
(3) Knuth. 1912. *Das Pflanzenreich* 4,129 (Heft 53): 311–316.
(4) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 40.
(5) Bolus. 1930. *The Flowering Plants of South Africa* 10: t. 399.
(6) Rehm. 1935. *Botanische Jahrbücher* 67: 264–274.
(7) Moffett. 1978. *The Flowering Plants of Africa* 45: t. 1771.
(8) Moffett. 1979. *Bothalia* 12: 581–613.
(9) Moffett. 1983. *The Flowering Plants of Africa* 47: t. 1873.
(10) Moffett. 1984. *The Flowering Plants of Africa* 48: tt. 1891, 1907.
(11) Moffett. 1990. *The Flowering Plants of Africa* 51: tt. 2016, 2017.
(12) Moffett & Ward-Hilhorst. 1995. *Flowering Plants of Africa* 54: tt. 2101–2107.

camdeboense Moffett
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 600–1250 m. NC

ciliatum Moffett
Perennial. Dwarf shrub, succulent. Ht 0.08–0.3 m. Alt? NC

crassicaule Rehm
Perennial. Dwarf shrub, succulent. Ht 0.1–0.6 m. Alt 300–1220 m. N, NC, WC

flavescens Rehm
Perennial. Dwarf shrub, succulent. Ht 0.1–0.7 m. Alt up to 1100 m. N, NC

herrei L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.05–0.25 m. Alt up to 610 m. NC

inerme Rehm
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt? N

l'heritieri Sweet
Monsonia l'heritieri DC. (8)
Monsonia obcordata E.Mey. (8)
Monsonia spinosa L'Hér. (8)
Perennial. Dwarf shrub, succulent. Ht 0.3–0.75 m. Alt 800–1062 m. NC

marlothii Engl.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1.5 m. Alt up to 1080 m. N

mossamedense (Welw. ex Oliv.) Hiern
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt up to 700 m. N

multifidum E.Mey. ex R.Knuth
Monsonia multifida E.Mey. (8)
Perennial. Dwarf shrub, succulent. Ht 0.06–0.2 m. Alt up to 91 m. N, NC

patersonii (DC.) G.Don
S. rigidum Schinz (8)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 30–1350 m. N, NC

peniculinum Moffett
Perennial. Dwarf shrub, succulent. Ht 0.1–0.8 m. Alt up to 50 m. N

rigidum Schinz = **S. patersonii**

salmoniflorum Moffett
Perennial. Dwarf shrub, succulent. Ht 0.1–0.5 m. Alt 320–1525 m. N, FS, NC, WC

vanderietiae L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt up to 396 m. NC

GESNERIACEAE

Compiled by S.J. Smithies

DIDYMOCARPUS Wall. 7810000

rexii Bowie ex Hook. = **Streptocarpus rexii**

STREPTOCARPUS Lindl. 7823000

(1) Clarke. 1904. *FC* 4,2: 438–447.
(2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 27.
(3) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 214.
(4) Marloth. 1932. *The Flora of South Africa* 3,2: 161, t. 42.
(5) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 666.
(6) Verdoorn. 1937. *The Flowering Plants of South Africa* 17: t. 678.
(7) Phillips. 1939. *The Flowering Plants of South Africa* 19: tt. 755, 756.
(8) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: tt. 804, 813.
(9) Story. 1955. *The Flowering Plants of Africa* 30: t. 1196.
(10) Story. 1961. *The Flowering Plants of Africa* 34: t. 1322.
(11) Hilliard & Burtt. 1971. Streptocarpus, *an African Plant Study*: xv–410.
(12) Edwards *et al.* 1992. *Bothalia* 22: 192–194.
(13) Hilliard. 1992. *Edinburgh Journal of Botany* 49: 75.
(14) Weigend & Edwards. 1994. *Sendtnera* 2: 365–376.
(15) Weigend & Edwards. 1994. *South African Journal of Botany* 60: 168, 169.

Note: Hilliard & Burtt (1971) mentioned many hybrids in *Streptocarpus* but these have been omitted here. Heights were obtained mostly by measuring herbarium specimens. These measurements may not represent the full range and the flowers are not always held erect.

armitagei Baker f. & S.Moore = **S. dunnii**

baudertii L.L.Britten
S. hirtinervis C.B.Clarke in part (11)
Perennial. Herb, lithophyte or terrestrial. Ht 0.1–0.2 m. Alt 60–1750 m. KZN, EC

bolusii C.B.Clarke
Monocarpic (once-fruiting), occ. perennial. Herb, lithophyte or terrestrial? Ht 0.05–0.25 m. Alt ± 1220–1585 m. KZN, EC

bolusii C.B.Clarke in part = **S. pusillus**

breviflos (C.B.Clarke) C.B.Clarke
S. saundersii Hook. var. *breviflos* C.B.Clarke (1)
Monocarpic. Herb. Ht ± 0.55 m. Alt? FS

caeruleus Hilliard & B.L.Burtt
Perennial. Herb, epiphyte or terrestrial? Ht 0.05–0.25 m. Alt 1420–2010 m. LIM

caeruleus Hilliard & B.L.Burtt subsp. *longiflorus* Hilliard & B.L.Burtt = **S. longiflorus**

candidus Hilliard
S. luteus C.B.Clarke in part (11)
Perennial. Herb, epiphyte or terrestrial. Ht 0.1–0.35 m. Alt 1050–1280 m. KZN

comptonii Mansf. = **S. polyanthus** subsp. **comptonii**

confusus Hilliard subsp. **confusus**
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.12–0.65 m. Alt ± 300–1770 m. LIM, M, S, KZN

confusus Hilliard subsp. **lebomboensis** Hilliard & B.L.Burtt
Monocarpic. Herb, lithophyte or terrestrial. Ht ± 0.14–0.45 m. Alt ± 550 m. S, KZN

cooksonii B.L.Burtt
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.14–0.26 m. Alt ± 610–1630 m. KZN

cooperi C.B.Clarke
Monocarpic. Herb, epiphyte, lithophyte or terrestrial. Ht ± 0.15–0.6 m. Alt ± 1060–1830 m. FS?, KZN

cyaneus S.Moore subsp. **cyaneus**
S. junodii Beauverd (11)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.08–0.35 m. Alt 700–1525 m. M, S

cyaneus S.Moore subsp. **longi-tommii** Weigend & T.J.Edwards
S. cyaneus in sense of Letty (1962) (14)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht ± 0.14–0.3 m. Alt 1630–1800 m. M

cyaneus S.Moore subsp. **nigridens** Weigend & T.J.Edwards
Perennial. Herb, lithophyte or terrestrial. Ht 0.06–0.35 m. Alt 960–2075 m. LIM, M

cyaneus S.Moore subsp. **polackii** (B.L.Burtt) Weigend & T.J.Edwards
S. polackii B.L.Burtt (14)
Perennial. Herb, lithophyte or terrestrial, Ht 0.1–0.3 m. Alt 1000–1850 m. M

daviesii N.E.Br. ex C.B.Clarke
Perennial. Herb, epiphyte or lithophyte. Ht 0.05–0.2 m. Alt 425–1830 m. S, KZN

davyi S.Moore
Perennial. Herb, terrestrial. Ht 0.08–0.28 m. Alt ± 1065–1370 m. S

decipiens Hilliard & B.L.Burtt
Perennial. Herb, lithophyte or terrestrial. Ht ?–0.05 m. Alt ± 1525 m. M

denticulatus Turrill
Monocarpic. Herb, lithophyte. Ht 0.08–0.28 m. Alt 960–1525 m. M

dunnii Hook.f.
S. armitagei Baker f. & S.Moore (1)
Monocarpic or perennial. Herb, lithophyte, occ. terrestrial. Ht 0.05–0.21 m. Alt 1060–2285 m. M, S

fanniniae Harv. ex C.B.Clarke
S. fanniniae Harv. ex C.B.Clarke var. *minor* C.B.Clarke (11)
S. woodii C.B.Clarke (11)
Perennial. Herb, lithophyte or terrestrial. Ht 0.17–1 m. Alt 790–1675 m. KZN

fanniniae Harv. ex C.B.Clarke var. *minor* C.B.Clarke = **S. fanniniae**

fasciatus T.J.Edwards & Kunhardt
Perennial. Herb. Ht ?– ± 0.3 m. Alt ± 460 m. M

fenestra-dei Weigend & T.J.Edwards
Perennial. Herb, lithophyte or terrestrial. Ht ?–± 0.3 m. Alt ± 1525 m. M

floribundus Weigend & T.J.Edwards
Perennial. Herb, lithophyte. Ht ?–± 0.17 m. Alt? KZN

formosus (Hilliard & B.L.Burtt) T.J.Edwards
S. primulifolius Gand. subsp. *formosus* Hilliard & B.L.Burtt (15)
Perennial. Herb, lithophyte. Ht ± 0.16–0.25 m. Alt ± 120 m. KZN, EC

galpinii Hook.f.
Monocarpic or perennial. Herb, lithophyte or terrestrial. Ht 0.05–0.28 m. Alt 915–2000 m. LIM, M, S

gardenii Hook.
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.06–0.23 m. Alt 1065–1980 m. FS, KZN, EC

gracilis B.L.Burtt = **S. prolixus**

grandis N.E.Br. subsp. **grandis**
S. tubiflos C.B.Clarke in part (11)
Monocarpic. Herb, terrestrial, occ. epiphyte or lithophyte. Ht 0.1–± 1 m. Alt 275–1660 m. M, KZN

haygarthii N.E.Br. ex C.B.Clarke
S. reynoldsii I.Verd. (11)
Monocarpic. Herb, terrestrial, occ. epiphyte or lithophyte. Ht 0.05–0.54 m. Alt 60–1830 m. KZN, EC

hirtinervis C.B.Clarke in part = **S. baudertii**

insignis B.L.Burtt = **S. primulifolius**

johannis L.L.Britten
Perennial. Herb, lithophyte. Ht 0.12–0.24 m. Alt 30–1650 m. KZN, EC

junodii Beauverd = **S. cyaneus** subsp. **cyaneus**

kentaniensis L.L.Britten & Story
Perennial. Herb, lithophyte. Ht ± 0.11–0.3 m. Alt ± 0–150 m. EC

latens Hilliard & B.L.Burtt
Perennial. Herb, lithophyte. Ht ± 0.03–0.07 m. Alt ± 2100–2225 m. M

longiflorus (Hilliard & B.L.Burtt) T.J.Edwards
S. caeruleus Hilliard & B.L.Burtt subsp. *longiflorus* Hilliard & B.L.Burtt (12)
Perennial. Herb, lithophyte? Ht ?–± 0.2 m at least. Alt ± 1830 m. LIM

luteus C.B.Clarke in part = **S. candidus**

luteus C.B.Clarke in part = **S. parviflorus** subsp. **parviflorus**

makabengensis Hilliard
Monocarpic. Herb. Ht ± 0.07 m. Alt ± 1220 m. LIM

meyeri B.L.Burtt
S. parviflorus in sense of E.Mey. ex C.B.Clarke, not of Hook.f. (11)
Perennial. Herb, lithophyte or terrestrial. Ht 0.06–0.3 m. Alt 610–1830 m. M, EC

micranthus C.B.Clarke
Monocarpic. Herb, lithophyte or terrestrial, rarely epiphyte. Ht 0.04–0.24 m. Alt 1150–1830 m. M, S

modestus L.L.Britten
Perennial. Herb, lithophyte or terrestrial. Ht ?–± 0.1 m. Alt ± 305 m. EC

molweniensis Hilliard subsp. **eshowicus** Hilliard & B.L.Burtt
Monocarpic. Herb, lithophyte. Ht ?–0.6 m. Alt ± 460 m. KZN

molweniensis Hilliard subsp. **molweniensis**
Monocarpic. Herb, lithophyte or terrestrial. Ht ± 0.25–0.3 m. Alt ± 610 m. KZN

montigena L.L.Britten
Perennial. Herb, lithophyte. Ht ?–0.17 m. Alt ± 1525 m. EC

muddii C.B.Clarke = **S. wilmsii**

occultis Hilliard
Perennial. Herb, terrestrial. Ht ?–0.09 m. Alt ± 1710 m. M

parviflorus Hook.f. subsp. **parviflorus**
S. luteus C.B.Clarke in part (11)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.09–0.35 m. Alt ± 1065–1600 m. LIM, M

parviflorus Hook.f. subsp. **soutpansbergensis** Weigend & T.J.Edwards
Perennial. Herb. Ht 0.07–0.24 m. Alt ± 1220 m. LIM

parviflorus in sense of E.Mey. ex C.B.Clarke, not of Hook.f. = **S. meyeri**

pentherianus Fritsch
Perennial. Herb, lithophyte or terrestrial. Ht 0.02–0.39 m. Alt 1220–2285 m. M, S, FS, KZN, L

pogonites Hilliard & B.L.Burtt
Perennial. Herb, lithophyte. Ht 0.05–0.09 m. Alt ± 1585 m. M

polackii B.L.Burtt = **S. cyaneus** subsp. **polackii**

pole-evansii I.Verd.

Perennial. Herb, lithophyte or terrestrial? Ht 0.1–0.17 m. Alt 365–± 760 m. M

polyanthus Hook. subsp. **comptonii** (Mansf.) Hilliard
S. comptonii Mansf. (11)
Monocarpic or perennial. Herb, lithophyte or terrestrial. Ht 0.07–0.21 m. Alt 960–± 1525 m. M, S, KZN

polyanthus Hook. subsp. **dracomontanus** Hilliard
Perennial. Herb, lithophyte or terrestrial. Ht 0.05–0.17 m. Alt 1320–2000 m. LIM, M, FS, KZN

polyanthus Hook. subsp. **polyanthus**
Perennial. Herb, lithophyte or terrestrial. Ht 0.07–0.5 m. Alt ± 400–1065 m. KZN

polyanthus Hook. subsp. **verecundus** Hilliard
Monocarpic, occ. perennial? Herb, lithophyte or terrestrial. Ht 0.07–0.19 m. Alt ± 900–1065 m. KZN

porphyrostachys Hilliard
Perennial, Herb, lithophyte. Ht 0.1–0.26 m. Alt 120–305 m. KZN, EC

primulifolius Gand., as '*primuliflorus*'
S. insignis B.L.Burtt (11)
S. rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1939) (11)
Perennial. Herb, lithophyte or terrestrial. Ht ± 0.13–0.37 m. Alt 60–790 m. KZN, EC

primulifolius Gand. subsp. *formosus* Hilliard & B.L.Burtt = **S. formosus**

prolixus C.B.Clarke
S. gracilis B.L.Burtt (11)
Perennial. Herb, lithophyte, occ. terrestrial. Ht 0.04–0.2 m. Alt 396–670 m. KZN

pusillus Harv. ex C.B.Clarke
S. bolusii C.B.Clarke in part (11)
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.05–0.18 m. Alt 1200–2745 m. M, FS, KZN, L, EC

rexii (Bowie ex Hook.) Lindl.
Didymocarpus rexii Bowie ex Hook. (1)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.07–0.3 m. Alt 200–1550 m. KZN, WC, EC

rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1939) = **S. primulifolius**

rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1937) = **S. roseo-albus**

reynoldsii I.Verd. = **S. haygarthii**

rimicola Story
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.03–0.08 m. Alt 1675–1830 m. LIM

roseo-albus Weigend & T.J.Edwards
S. rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1937) (14)
Perennial. Herb, lithophyte or terrestrial. Ht 0.1–0.27 m. Alt 1000–1500 m. M

saundersii Hook.
S. tubiflos C.B.Clarke in part (11)
Monocarpic. Herb, lithophyte. Ht 0.1–0.5 m. Alt 610–915 m. KZN

saundersii Hook. var. *breviflos* C.B.Clarke = **S. breviflos**

saundersii of author, not of Hook.: Marloth (1932) = **S. wendlandii**

silvaticus Hilliard
Perennial. Herb, epiphyte or lithophyte. Ht 0.05–0.23 m. Alt ± 1100–1675 m. KZN, EC

trabeculatus Hilliard
Monocarpic. Herb, lithophyte or terrestrial? Ht ± 0.1–0.14 m. Alt ± 450 m. KZN, EC

tubiflos C.B.Clarke in part = **S. grandis** subsp. **grandis**

tubiflos C.B.Clarke in part = **S. saundersii**

vandeleurii Baker f. & S.Moore
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.15–0.32 m. Alt ± 1525–1830 m. LIM, NW, G, M

wendlandii Spreng.
S. saundersii of author, not of Hook.: Marloth (1932) (11)
Monocarpic. Herb, epiphyte or terrestrial. Ht ± 0.25–± 0.55 m. Alt 305–610 m. KZN

wilmsii Engl.
S. muddii C.B.Clarke (11)
Monocarpic, occ perennial. Herb, epiphyte or terrestrial, occ. lithophyte. Ht 0.07–0.44 m. Alt 1300–1920 m. M, S

woodii C.B.Clarke = **S. fanniniae**

GISEKIACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

GISEKIA L. 2382000

(1) Adamson. 1961. *Journal of South African Botany* 27,2: 131–136.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
(3) Gonçalves. 1978. *FZ* 4: 522–525.

africana (Lour.) Kuntze var. **africana**
G. pentadecandra Moq. (2)
Annual, occ. perennial. Herb, prostrate occ. erect. Length 0.05–0.5 m. Alt 60–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

africana (Lour.) Kuntze var. **cymosa** Adamson
Annual, occ. perennial. Herb. Ht? Alt 60–940 m. N, B, LIM, NW, G, M, KZN, NC

africana (Lour.) Kuntze var. **pedunculata** (Oliv.) Brenan
Annual, occ. perennial. Herb, prostrate occ. erect. Length up to 2 m. Alt? NW, NC

pentadecandra Moq. = **G. africana** var. **africana**

pharnacioides L. var. **pharnacioides**
Annual. Herb, prostrate. Length 0.1–0.8 m. Alt 260–1789 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

GOODENIACEAE

Compiled by W.G. Welman

SCAEVOLA L. 8716000

(1) Jeffrey. 1980. *Kew Bulletin* 34: 537–545.

lobelia Murray = **S. plumieri**

plumieri (L.) Vahl
S. lobelia Murray (1)
S. thunbergii Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 5–15 m. KZN, WC, EC

sericea Vahl
S. taccada (Gaertn.) Roxb. (1)
Perennial. Shrub. Ht 1–3 m. Alt 2–5 m. KZN

taccada (Gaertn.) Roxb. = **S. sericea**

thunbergii Eckl. & Zeyh. = **S. plumieri**

GREYIACEAE

Compiled by R.H. Archer

GREYIA Hook. & Harv. 4855000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 101.
(2) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* Part 2: 311, 312.
(3) Killick. 1977. *The Flowering Plants of Africa* 44: t. 1732.
(4) Steyn *et al.* 1999. *Flowering Plants of Africa* 56: 86–92, t. 2155.

flanaganii Bolus
Perennial. Shrub. Ht 1–3 m. Alt 555–1340 m. EC

radlkoferi Szyszyl.
Perennial. Tree, shrub. Ht 1–8 m. Alt ?–1900 m. LIM, M, S, KZN

sutherlandii Hook. & Harv.
Perennial. Tree, shrub. Ht 2–7 m. Alt 90–2135 m. LIM, M, S, FS, KZN, L, EC

GRUBBIACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

GRUBBIA P.J.Bergius 2121000

(1) Carlquist. 1977. *Journal of South African Botany* 43,2: 118–128.

gracilis Salter = **G. rosmarinifolia** subsp. **gracilis**

hirsuta E.Mey. ex DC. = **G. rosmarinifolia** subsp. **hirsuta**

linearifolia Gutzwiller = **G. rourkei**

pinifolia Sond. = **G. rosmarinifolia** subsp. **rosmarinifolia** var. **pinifolia**

rosmarinifolia of author, not of P.J.Bergius, misapplied name = **G. rosmarinifolia** subsp. **rosmarinifolia** var. **rosmarinifolia**

rosmarinifolia P.J.Bergius subsp. **gracilis** (Salter) Carlquist
G. gracilis Salter (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ?–450 m. WC

rosmarinifolia P.J.Bergius subsp. **hirsuta** (E.Mey. ex DC.) Carlquist
G. hirsuta E.Mey. ex DC. (1)
Perennial. Shrub. Ht up to 1.5 m. Alt ?–1525 m. WC

rosmarinifolia P.J.Bergius subsp. **rosmarinifolia** var. **pinifolia** (Sond.) Carlquist
G. pinifolia Sond. (1)
Perennial. Shrub. Ht 1–1.5 m. Alt? WC

rosmarinifolia P.J.Bergius subsp. **rosmarinifolia** var. **rosmarinifolia**
G. rosmarinifolia of author, not of P.J.Bergius, misapplied name (1)
Perennial. Shrub. Ht 0.9–3 m. Alt 15–1220 m. WC, EC

rourkei Carlquist
G. linearifolia Gutzwiller (1)
Perennial. Shrub. Ht 0.5–2 m. Alt 152–1220 m. WC

stricta (Lam.) A.DC. = **G. tomentosa**

tomentosa (Thunb.) Harms
G. stricta (Lam.) A.DC. (1)
Perennial. Shrub. Ht up to 1.5 m. Alt 92–945 m. WC

GUNNERACEAE

Compiled by C.L. Bredenkamp

GUNNERA L. 5836000

(1) Mendes. 1978. *FZ* 4: 79–81.

perpensa L.
Perennial. Herb, hydrophyte. Ht 0.3–1.5 m. Alt 60–2775 m. LIM, NW, G, M, S, FS, KZN, WC, EC

HALORAGACEAE

Compiled by C.L. Bredenkamp

LAUREMBERGIA P.J.Bergius 5833000

(1) Obermeyer. 1973. *Bothalia* 11: 116, 117.

repens P.J.Bergius subsp. **brachypoda** (Hiern) Oberm.
L. tetrandra (Schott) Kanitz subsp. *brachypoda* (Hiern) A.Raynal (1)
Annual, occ. perennial. Herb. Ht 0.1–0.45 m. Alt 1–1770 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

tetrandra (Schott) Kanitz subsp. *brachypoda* (Hiern) A.Raynal = **L. repens** subsp. **brachypoda**

MYRIOPHYLLUM L. 5834000

(1) Mendes. 1978. *FZ* 4: 77–79.

***aquaticum** (Vell.) Verdc.
M. brasiliense Cambess. (1)
Perennial. Herb, hydrophyte. Length up to 1.2 m. Alt 335–1750 m. LIM, G, M, FS, KZN, WC, EC

brasiliense Cambess. = **M. aquaticum**

spicatum L.
Perennial. Herb, hydrophyte. Length up to 2 m. Alt 50–1450 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC, EC

HAMAMELIDACEAE

Compiled by M. Jordaan

DAHLIA Thunb. 3311010

crinita Thunb. = **Trichocladus crinitus**

TRICHOCLADUS Pers. 3311000

(1) Sonder. 1862. *FC* 2: 324–327.
(2) Hutchinson. 1933. *Kew Bulletin* 1933: 427–430.
(3) Verdcourt. 1970. *Kew Bulletin* 24: 345, 346.
(4) Verdcourt. 1971. *FTEA* Hamamelidaceae: 1–5.
(5) Mendes & Vidigal. 1978. *FZ* 4: 71–73.

crinitus (Thunb.) Pers.
Dahlia crinita Thunb. (1)
T. peltatus Meisn. (2)
T. vittatus Meisn. (1)
Perennial. Tree or shrub. Ht 2–5 m. Alt 5–1160 m. KZN, WC, EC

ellipticus Eckl. & Zeyh. subsp. **ellipticus**
Perennial. Tree or shrub. Ht 1.5–12 m. Alt 5–1300 m. LIM, M, KZN. WC, EC

grandiflorus Oliv.
Perennial. Tree or shrub. Ht 3–30 m. Alt 340–1830 m. M, S, KZN, EC

peltatus Meisn. = **T. crinitus**

vittatus Meisn. = **T. crinitus**

HERNANDIACEAE

Compiled by M. Jordaan

GYROCARPUS Jacq. 2830000

(1) Schreiber. 1968. *FSWA* 36: 1.
(2) Kubitzki. 1969. *Botanische Jahrbücher* 89: 181–192.
(3) Verdcourt. 1985. *FTEA* Hernandiaceae: 6–11.
(4) Stannard. 1997. *FZ* 9,2: 60–62.

americanus Jacq. subsp. **africanus** Kubitzki
G. asiaticus Willd. (1)
Perennial. Tree. Ht 3–15 m. Alt 300–1160 m. N, LIM

asiaticus Willd. = **G. americanus** subsp. **africanus**

HETEROPYXIDACEAE

Compiled by M. Jordaan

HETEROPYXIS Harv. 5588010

(1) Fernandes. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 207–234.
(2) Fernandes. 1978. *FZ* 4: 212–215.

canescens Oliv.
Perennial. Tree. Ht 2–12 m. Alt 730–1600 m. M, S

dehniae Suess.
Perennial. Tree or shrub. Ht 1–7 m. Alt 1000–1600 m. LIM

natalensis Harv.
Perennial. Tree or shrub. Ht 1–10 m. Alt 30–2000 m. LIM, G, M, S, KZN

HYDNORACEAE

Compiled by M.C. Makgakga

APHYTEIA 2182010

multiceps Burch. = **Cytinus sanguineus**

HYDNORA Thunb. 2182000

(1) Hill. 1912. *FC* 5,1: 486, 487.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 207.
(3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 428.
(4) Schreiber. 1968. *FSWA* 41: 1, 2.
(5) Musselman & Visser. 1987. *Dinteria* 19: 77–82.
(6) Visser. 1989. *The Flowering Plants of Africa* 50: t. 1992.
(7) Musselman. 1997. *FZ* 9,2: 16–18.

abyssinica A.Braun ex Schweinf.
Perennial. Herb, parasite. Ht up to 0.16 m. Alt? B

africana Thunb.
Perennial. Herb, parasite. Ht 0.08–0.12 m. Alt 30–915 m. N, B, NC, WC, EC

johannis Becc. var. **johannis**
H. solmsiana Dinter (5)
Perennial. Herb, parasite. Ht 0.12–0.16 m. Alt 70–1700 m. LIM, S

solmsiana Dinter = **H. johannis** var. **johannis**

triceps Drège & E.Mey.
Perennial. Herb, parasite. Ht 0.1–0.15 m. Alt? NC

HYDROSTACHYACEAE

Compiled by R.P. Glen & C.D.K. Cook

HYDROSTACHYS Thouars 3160000

(1) Hill. 1912. *FC* 5: 484.
(2) Podlech. 1966. *FSWA* 61: 1.
(3) Obermeyer. 1970. *FSA* 13: 211–213.
(4) Verdcourt. 1986. *FTEA* Hydrostachyaceae: 1–7.

natalensis Wedd. = **H. polymorpha**

polymorpha Klotzsch
H. natalensis Wedd. (1, 3, 4)
Annual. Herb, hydrophyte: haptophyte. Ht 0.1–0.4 m. Alt 155–1220 m. N, KZN

HYPERICACEAE

Compiled by C.L. Bredenkamp

HYPERICUM L. 5168000

(1) Wight & Arnott. 1844–1846. *Icones plantarum Indiae orientalis* 2: 959.
(2) Bredell. 1939. *Bothalia* 3: 578.
(3) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 787.
(4) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 897.
(5) Robson. 1957. *Kew Bulletin* 12: 440.
(6) Robson. 1961. *FZ* 1: 379–387.
(7) Killick & Robson. 1976. *FSA* 22: 14–20.
(8) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 168, 169.
(9) Robson. 1990. *Bulletin of the British Museum (Natural History), Botany* 20: 1–151.
(10) Robson. 1995. *European garden flora* 4: 44–74.

aethiopicum Thunb. subsp. **aethiopicum**
Perennial. Herb. Ht 0.1–0.3 m. Alt 40–2408 m. LIM, S, KZN, L, WC, EC

aethiopicum Thunb. subsp. **sonderi** (Bredell) N.Robson
H. sonderi Bredell (5)
Perennial. Herb. Ht 0.04–0.5 m. Alt 5–2350 m. LIM, NW, G, M, S, FS, KZN, L, EC

***forrestii** (Chitt.) N.K.B.Robson
H. patulum L. var. *forrestii* Chitt. (10)
Perennial. Shrub. Ht ± 1.3 m. Alt 2033–2216 m. KZN

***hookerianum** Wight & Arn.
Perennial. Dwarf shrub. Ht up to 1 m. Alt? KZN

lalandii Choisy
Perennial. Herb. Ht 0.05–0.4 m. Alt 5–1847 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lanceolatum Lam. = **H. revolutum** subsp. **revolutum**

leucoptychodes Steud. ex A.Rich. = **H. revolutum** subsp. **revolutum**

natalense J.M.Wood & M.S.Evans
Perennial. Herb. Ht up to 0.61 m. Alt 460–1525 m. M, S, KZN, EC

oligandrum Milne-Redh.
Annual. Herb, hydrophyte. Ht up to 0.2 m. Alt? N

patulum L. var. *forrestii* Chitt. = **H. forrestii**

***perforatum** L.
Perennial. Herb. Ht up to 0.76 m. Alt 107–1450 m. L, WC

revolutum Vahl subsp. **revolutum**
H. lanceolatum Lam. (7)
H. leucoptychodes Steud. ex A.Rich. (7)
Perennial. Shrub. Ht 0.33–3.65 m. Alt 365–2732 m. LIM, G, M, S, KZN, EC

roeperianum Schimp. ex A.Rich. var. **roeperianum**
Perennial. Tree, shrub. Ht 1.22–5 m. Alt 700–915 m. LIM

sonderi Bredell = **H. aethiopicum** subsp. **sonderi**

wilmsii R.Keller
Perennial. Herb. Ht 0.06–0.2 m. Alt ± 1675 m. M, FS, L, EC

ICACINACEAE

Compiled by R.H. Archer

APODYTES E.Mey. ex Arn. 4686000

(1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1695.
(2) Van Wyk & Potgieter 1994. *South African Journal of Botany* 60: 231–239.

abbottii Potgieter & A.E.van Wyk
Perennial. Shrub, tree. Ht 1–4 m. Alt 10–250 m. KZN, EC

dimidiata E.Mey. ex Arn. subsp. **dimidiata**
Perennial. Tree, shrub. Ht 0.5–15 m. Alt 5–1980 m. LIM, NW, G, M, S, KZN, WC, EC

geldenhuysii A.E.van Wyk & Potgieter
Perennial. Shrub, tree. Ht 1–5 m. Alt 10–1300 m. WC

CASSINOPSIS Sond. 4671000

(1) Mendes. 1963. *FZ* 2: 341, 342.

capensis Sond. = **C. ilicifolia**

ilicifolia (Hochst.) Kuntze
C. capensis Sond. (1)
Perennial. Tree, shrub. Ht 1–6 m. Alt 305–1845 m. LIM, M, S, FS, KZN, L, WC, EC

tinifolia Harv.
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 15–1730 m. S, KZN, EC

PYRENACANTHA Wight 4709000

(1) Mendes. 1963. *FZ* 2: 347–351.

grandiflora Baill.
Perennial. Shrub, climber. Ht 0.1–7 m. Alt 45–1700 m. LIM, M, S, KZN

kamassana Baill. = **P. kaurabassana**

kaurabassana Baill.
P. kamassana Baill. (original spelling, 1)
Perennial. Shrub, geophyte, climber. Ht up to 3 m. Alt 45–610 m. LIM, M, S, KZN

scandens Planch. ex Harv.
Perennial. Shrub, climber. Ht 0.1–3 m. Alt 15–1035 m. KZN, WC, EC

KIRKIACEAE

Compiled by R.H. Archer

KIRKIA Oliv. 4128000

(1) Wild & Phipps. 1963. *FZ* 2: 214, 216.
(2) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1590.
(3) Stannard. 1981. *Kew Bulletin* 35: 829–839.
(4) Immelman. 1986. *FSA* 18,3: 1–3.

acuminata Oliv.
K. acuminata Oliv. var. *pubescens* (Burtt Davy) Bremek. (1)
K. pubescens Burtt Davy (1)
K. pubescens Burtt Davy var. *glabripetala* Burtt Davy (3)
Perennial. Tree. Ht 3–17 m. Alt 245–1465 m. N, B, LIM, M, S

acuminata Oliv. var. *pubescens* (Burtt Davy) Bremek. = **K. acuminata**

dewinteri Merxm. & Heine
Perennial. Tree. Ht 3–10 m. Alt ± 750 m. N

pubescens Burtt Davy = **K. acuminata**

pubescens Burtt Davy var. *glabripetala* Burtt Davy = **K. acuminata**

wilmsii Engl.
Perennial. Tree. Ht 2–15 m. Alt 365–1495 m. LIM, NW, G, M, S

LAMIACEAE

Compiled by E. Retief & P.P.J. Herman

Note: Paton (pers. comm.) regards the genera *Englerastrum, Holostylon, Neohyptis* and *Solenostemon* as congeneric with *Plectranthus* and places *Becium* under *Ocimum*, but they are here retained as separate taxa.

ACROCEPHALUS Benth. 7362000

sericeus Briq. = **Haumaniastrum sericeum**

ACROTOME Benth. ex Endl. 7236000

(1) Codd. 1985. *FSA* 28,4: 19–23.
(2) Retief & Herman. 1997. *Strelitzia* 6: 490, 491.

amboensis Briq. = **A. inflata**

angustifolia G.Taylor
A. lancifolia Bremek. & Oberm. (1)
Annual. Herb. Ht 0.15–1 m. Alt 915–1430 m. N, B, LIM, G, NC

belckii Gürke = **A. fleckii**

fleckii (Gürke) Launert
A. belckii Gürke (1)
Leucas fleckii Gürke (1)
Annual. Herb. Ht 0.1–0.8 m. Alt 500–1800 m. N

hispida Benth.
Perennial. Herb. Ht 0.01–0.25 m. Alt 30–1770 m. NW, G, M, S, FS, KZN

inflata Benth.

A. amboensis Briq. (1)
Lasiocorys eenii (Hiern) Baker (1)
Annual. Herb. Ht 0.15–1 m. Alt 550–2200 m. N, B, LIM, NW, G, M, FS, L, NC, EC

lancifolia Bremek. & Oberm. = **A. angustifolia**

pallescens Benth.
Stachys steingroeveri Briq. (1)
Perennial. Dwarf shrub. Ht 0.45–0.5 m. Alt 470–2116 m. N, NC

thorncroftii Skan
Perennial. Herb. Ht 0.1–0.2 m. Alt 60–975 m. M, S, KZN

AEOLLANTHUS Mart. ex K.Spreng. 7345000

(1) Codd. 1985. *FSA* 28,4: 121–125.
(2) Ryding. 1986. *Symbolae Botanicae Upsaliensis* 26: 1–152.
(3) Retief & Herman. 1997. *Strelitzia* 6: 491.

buchnerianus Briq.
A. canescens Gürke (1)
Perennial. Dwarf shrub, herb, succulent. Ht 0.15–0.5 m. Alt 500–2200 m. N, NW, LIM, G, M, FS, KZN, L, EC

canescens Gürke = **A. buchnerianus**

crenatus S.Moore = **A. rehmannii**

heliotropioides Oliv. = **A. suaveolens**

lobatus of authors, not of N.E.Br., concept invalid = **A. namibiensis**

namibiensis Ryding
A. lobatus of authors, not of N.E.Br., concept invalid (1)
Annual. Herb, succulent. Ht 0.15–0.65 m. Alt ± 1500 m. N

neglectus (Dinter) Launert
Plectranthus neglectus Dinter (1)
Annual. Herb, succulent. Ht 0.15–0.3 m. Alt 520–1400 m. N, B, LIM

parvifolius Benth.
Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 5–1525 m. LIM, M, S, KZN, EC

rehmannii Gürke
A. crenatus S.Moore (1)
Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 300–2045 m. N, B, LIM, G, M, S, KZN

suaveolens Mart. ex K.Spreng.
A. heliotropioides Oliv. (1)
Annual. Herb, succulent. Ht 0.2–0.5 m. Alt ± 1200 m. LIM

AJUGA L. 7211000

(1) Codd. 1985. *FSA* 28,4: 6, 7.
(2) Retief & Herman. 1997. *Strelitzia* 6: 491.

ophrydis Burch. ex Benth.
Perennial. Herb. Ht 0.06–0.25 m. Alt 160–2440 m. G, M, S, FS, KZN, L, EC

BALLOTA L. 7279000

(1) Codd. 1985. *FSA* 28,4: 48–50.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

africana (L.) Benth.
Marrubium africanum L. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–1.2 m. Alt 3–1525 m. N, FS, NC, WC, EC

BASILICUM Moench 7364000

(1) Codd. 1985. *FSA* 28,4: 216, 217.
(2) Retief & Herman. 1997. *Strelitzia* 6: 491.

polystachyon (L.) Moench
Moschosma polystachyon (L.) Benth. (1)
Ocimum polystachyon L. (1)
Annual. Herb. Ht 0.3–0.5 m. Alt 136–303 m. LIM, M, S

BECIUM Lindl. 7366010

(1) Codd. 1985. *FSA* 28,4: 223–227.
(2) Sebald. 1988. *Stuttgarter Beiträge zur Naturkunde*, Serie A 419: 1–74.
(3) Sebald. 1989. *Stuttgarter Beiträge zur Naturkunde*, Serie A 437: 1–63.
(4) Paton. 1995. *Kew Bulletin* 50: 199–242.
(5) Williamson & Balkwill. 1995. *Kew Bulletin* 50: 739–751.
(6) Retief & Herman. 1997. *Strelitzia* 6: 491, 492.

angustifolium (Benth.) N.E.Br.
Ocimum angustifolium Benth. (1)
Perennial. Shrub, herb. Ht 0.2–0.6 m. Alt 1300–1854 m. B, LIM, NW, G, M

burchellianum (Benth.) N.E.Br.
Ocimum burchellianum Benth. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 91–1525 m. EC

citriodorum S.D.Will. & K.Balkwill
Perennial. Herb. Ht 0.3–0.5 m. Alt ± 1400 m. LIM

coddii S.D.Will. & K.Balkwill
Perennial. Herb. Ht 0.6–1.5 m. Alt ± 600 m. M

filamentosum (Forssk.) Chiov.
B. knyanum (Vatke) N.E.Br. ex Broun & R.E.Massey (2)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *knyanum* (Vatke) Cufod. (2)
Ocimum fissilabrum Briq. (2)
Ocimum knyanum Vatke (2)
Ocimum rautanenii Briq. (2)
Ocimum stenoglossum Briq. (2)
Perennial. Herb. Ht 0.2–0.6 m. Alt 160–860 m. N, B, LIM, NW, G, M, S, KZN

grandiflorum (Lam.) Pic.Serm. var. *galpinii* (Gürke) Sebald = **B. obovatum** subsp. **obovatum** var. **galpinii**

grandiflorum (Lam.) Pic.Serm. var. *obovatum* (E.Mey. ex Benth.) Sebald = **B. obovatum** subsp. **obovatum** var. **obovatum**

knyanum (Vatke) N.E.Br. ex Broun & R.E.Massey = **B. filamentosum**

obovatum (E.Mey. ex Benth.) N.E.Br. subsp. **obovatum** var. **galpinii** (Gürke) N.E.Br.
B. grandiflorum (Lam.) Pic.Serm. var. *galpinii* (Gürke) Sebald (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *galpinii* (Gürke) N.E.Br. (4)
Ocimum galpinii Gürke (4)
Perennial. Herb, procumbent, decumbent. Ht 0.15–0.3 m. Alt 800–1800 m. LIM, M, S, KZN, EC

obovatum (E.Mey. ex Benth.) N.E.Br. subsp. **obovatum** var. **obovatum**
B. grandiflorum (Lam.) Pic.Serm. var. *obovatum* (E.Mey. ex Benth.) Sebald (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *glabrius* (Benth.) Cufod. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *hians* (Benth.) N.E.Br. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *obovatum* (4)
Ocimum obovatum E.Mey. ex Benth. (4)
Perennial. Herb. Ht 0.12–0.4 m. Alt 1090–2055 m. LIM, NW, G, M, S, FS, KZN, L, EC

obovatum (E.Mey. ex Benth.) N.E.Br. var. *galpinii* (Gürke) N.E.Br. = **B. obovatum** subsp. **obovatum** var. **galpinii**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *glabrius* (Benth.) Cufod. = **B. obovatum** subsp. **obovatum** var. **obovatum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *hians* (Benth.) N.E.Br. = **B. obovatum** subsp. **obovatum** var. **obovatum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *knyanum* (Vatke) Cufod. = **B. filamentosum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *obovatum* = **B. obovatum** subsp. **obovatum** var. **obovatum**

reclinatum S.D.Will. & K.Balkwill
Perennial. Herb, procumbent. Length 0.1–0.35 m. Alt 70–148 m. KZN

waterbergensis S.D.Will. & K.Balkwill
Perennial. Herb. Ht 0.3–0.5 m. Alt 1400–1700 m. LIM

*CEDRONELLA Moench 7245000

(1) Codd. 1985. *FSA* 28,4: 26, 27.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

canariensis (L.) Webb & Berthel.
C. triphylla Moench (1)
Dracocephalum canariense L. (1)
Perennial. Herb. Ht ± 2.5 m. Alt ± 300 m. NC

triphylla Moench = **C. canariensis**

CLERODENDRUM L. 7191000

(1) Thomas. 1937. *Botanische Jahrbücher* 68: 1–106.
(2) Moldenke. 1940. *Phytologia* 1: 416.
(3) Friedrich-Holzhammer. 1967. *FSWA* 122: 4–6.
(4) Verdcourt. 1992. *FTEA* Verbenaceae: 84–144.
(5) Fernandes. 1998. *Memórias da Sociedade Broteriana* 30: 5–109.

africanum Moldenke (insufficiently known)
Perennial. Tree or shrub. Ht? Alt? KZN

buchneri Gürke
Perennial. Dwarf shrub or herb. Ht 0.15–1 m. Alt 600–1350 m. B

caeruleum N.E.Br. = **Rotheca caerulea**

cuneatum Gürke = **Rotheca cuneiformis**

cuneiforme Moldenke = **Rotheca cuneiformis**

dekindtii Gürke = **Rotheca myricoides**

dekindtii Gürke var. *dinteri* Thomas = **Rotheca myricoides**

discolor (Klotzsch) Vatke var. *oppositifolium* Thomas = **Rotheca myricoides**

glabrum E.Mey. var. *angustifolium* E.Mey. = **C. glabrum** var. **glabrum**

glabrum E.Mey. var. **glabrum**
C. glabrum E.Mey. var. *angustifolium* E.Mey. (4)
C. rehmannii Gürke (5)
Perennial. Shrub or small tree. Ht 0.3–9 m. Alt 0–1600 m. N, B, LIM, NW, G, M, S, KZN, EC

hirsutum (Hochst.) H.Pearson = **Rotheca hirsuta**

louwalbertsii P.P.J.Herman = **Rotheca louwalbertsii**

myricoides (Hochst.) Vatke = **Rotheca myricoides**

myricoides (Hochst.) Vatke subsp. *namibiense* R.Fern. = **Rotheca myricoides**

pearsonii Moldenke = **Rotheca hirsuta**

pilosum H.Pearson = **Rotheca pilosa**

pleiosciadium Gürke
Perennial. Shrub. Ht 0.9–2.5 m. Alt 200–500 m. LIM

rehmannii Gürke = **C. glabrum** var. **glabrum**

scheffleri Gürke var. *ellipticum* Moldenke = **Rotheca cuneiformis**

schlechteri Gürke = **Rotheca myricoides**

simile H.Pearson = **C. transvaalense**

spinescens (Oliv.) Gürke, illegitimate name = **Rotheca uncinata**

ternatum Schinz
C. ternatum Schinz var. *lanceolatum* (Gürke) Moldenke (4)
C. wilmsii Gürke (4)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 91–1500 m. N, B, LIM, NW, G, M, S

ternatum Schinz var. *lanceolatum* (Gürke) Moldenke = **C. ternatum**

transvaalense Thomas
C. simile H.Pearson (1)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? 'TV'

triphyllum (Harv.) H.Pearson = **Rotheca hirsuta**

uncinatum Schinz = **Rotheca uncinata**

violaceum Gürke = **Rotheca violacea**

wildii Moldenke forma *glabrum* R.Fern. = **Rotheca wildii** forma **glabra**

wilmsii Gürke = **C. ternatum**

CLINOPODIUM L. 7305030

martinicense Jacq. = **Leucas martinicensis**

COLEUS Lour. 7355000

amboinicus Lour. = **Plectranthus amboinicus**

barbatus (Andrews) Benth. = **Plectranthus barbatus**

caninus (Roth) Vatke = **Plectranthus caninus**

carnosus Dinter ex Eliovson = **Plectranthus neochilus**

comosus Hochst. ex Gürke = **Plectranthus ornatus**

decumbens Gürke = **Plectranthus tetensis**

dysentericus Baker = **Solenostemon rotundifolius**

latifolius Hochst. ex Benth. = **Solenostemon latifolius**

mirabilis Briq. = **Plectranthus mirabilis**

neochilus (Schltr.) Codd = **Plectranthus neochilus**

omahekense Dinter = **Plectranthus caninus**

pentheri Gürke = **Plectranthus neochilus**

rehmannii Briq. = **Solenostemon latifolius**

rotundifolius (Poir.) A.Chev. & Perrot = **Solenostemon rotundifolius**

schinzii Gürke = **Plectranthus neochilus**

tetensis Baker = **Plectranthus tetensis**

vagatus E.A.Bruce = **Plectranthus tetensis**

CYCLONEMA Hochst. 7191010

myricoides (Hochst.) Hochst. = **Rotheca myricoides**

hirsutum Hochst. = **Rotheca hirsuta**

triphyllum Harv. = **Rotheca hirsuta**

DRACOCEPHALUM L. 7250000

canariense L. = **Cedronella canariensis**

ECHINOSTACHYS E.Mey. 7347020

reticulata E.Mey. = **Pycnostachys reticulata**

ENDOSTEMON N.E.Br. 7345010

(1) Codd. 1985. *FSA* 28,4: 127–130.
(2) Retief & Herman. 1997. *Strelitzia* 6: 492.

obtusifolius (E.Mey. ex Benth.) N.E.Br.
Ocimum obtusifolium E.Mey. ex Benth. (1)
Perennial. Shrub, herb. Ht 0.5–1.5 m. Alt 5–1675 m. LIM, M, S, KZN, EC

ocimoides Bremek. = **E. tereticaulis**

tenuiflorus (Benth.) M.Ashby
Orthosiphon tenuiflorus Benth. (1)
Pseudocimum trichocalyx Bremek. (1)
Perennial. Herb. Ht 0.15–0.25 m. Alt 275–900 m. N, B, LIM, M

tereticaulis (Poir.) M.Ashby
E. ocimoides Bremek. (1)
Ocimum tereticaule Poir. (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 305–1350 m. N, B, M

ENGLERASTRUM Briq. 7353000

(1) Codd. 1985. *FSA* 28,4: 177.

schweinfurthii Briq.
Annual, occ. perennial. Herb, decumbent. Ht ± 0.6 m. Alt ± 960 m. N

GENIOSPORUM Wall. ex Benth. 7363000

angolense Briq. = **Platostoma rotundifolium**
paniculatum Baker = **Neohyptis paniculata**

GERMANEA Lam. 7350050

rotundifolia Poir. = **Solenostemon rotundifolius**

HAUMANIASTRUM P.A.Duvign. & Plancke 7362010

(1) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 847.
(2) Codd. 1985. *FSA* 28,4: 213.
(3) Paton. 1997. *Kew Bulletin* 52: 293–378.

sericeum (Briq.) A.J.Paton
Perennial. Herb. Ht 0.3–1.2 m. Alt 1000–1700 m. N

HEMIZYGIA (Benth.) Briq. 7365000

(1) Codd. 1985. *FSA* 28,4: 193–211.
(2) Codd. 1989. *The Flowering Plants of Africa* 50: t. 2000.
(3) Retief & Herman. 1997. *Strelitzia* 6: 493–495.
(4) Paton & Balkwill. 2001. *Kew Bulletin* 56: 491–496.

albiflora (N.E.Br.) M.Ashby
Orthosiphon albiflorus N.E.Br. (1)
Orthosiphon decipiens N.E.Br. (1)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 915–2316 m. LIM, M, S

bolusii (N.E.Br.) Codd
Orthosiphon bolusii N.E.Br. (1)
Perennial. Shrub. Ht 1–2 m. Alt ± 3000 m. KZN

bracteosa (Benth.) Briq.
H. hoepfneri Briq. (1)
H. serrata Briq. (1)
Ocimum bracteosum Benth. (1)
Orthosiphon bracteosus (Benth.) Baker (1)
Orthosiphon schinzianus Briq. (1)
Annual. Herb. Ht 0.25–0.7 m. Alt 380–1150 m. N, B, LIM, M

canescens (Gürke) M.Ashby
Orthosiphon affinis N.E.Br. (1)
Orthosiphon canescens Gürke (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 152–1830 m. LIM, NW, G, M, S, KZN

cinerea Codd
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1600–2165 m. FS, KZN, L

dinteri Briq. = **H. petrensis**

elliottii (Baker) M.Ashby
Orthosiphon elliottii Baker (1)
Orthosiphon messinensis R.D.Good (1)
Perennial. Herb. Ht 0.35–0.6 m. Alt 100–1330 m. B, LIM, NW

floccosa Launert
Perennial. Shrub. Ht 0.4–0.8 m. Alt 400–1346 m. N

foliosa S.Moore
H. humilis (N.E.Br.) M.Ashby (1)
Orthosiphon foliosus (S.Moore) N.E.Br. (1)
Perennial. Herb, decumbent to erect. Length 0.2–0.35 m. Alt 762–1585 m. M, S, KZN

gerrardii (N.E.Br.) M.Ashby
Orthosiphon gerrardii N.E.Br. (1)
Perennial. Dwarf shrub. Ht ± 1 m. Alt ± 1300 m. M, KZN

hoepfneri Briq. = **H. bracteosa**

humilis (N.E.Br.) M.Ashby = **H. foliosa**

incana Codd
Perennial. Shrub. Ht 0.5–0.6 m. Alt ± 2000 m. M

latidens (N.E.Br.) M.Ashby = **Syncolostemon latidens**

linearis (Benth.) Briq.
Orthosiphon linearis Benth. (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 1030–1372 m. N, B, NW

macrophylla (Gürke) Codd
Orthosiphon macrophyllus (Gürke) N.E.Br. (1)
Syncolostemon macrophyllus Gürke (1)
Perennial. Dwarf shrub. Ht 1–1.5 m. Alt 1300–1400 m. M, KZN

modesta Codd
Perennial. Herb. Ht 0.12–0.25 m. Alt 615–1675 m. M, S, KZN

mossiana (R.D.Good) M.Ashby = **H. petrensis**

obermeyerae M.Ashby
Perennial. Shrub. Ht 1–1.5 m. Alt 800–1829 m. LIM

parvifolia Codd
Perennial. Shrub. Ht 0.5–1 m. Alt 1250–1540 m. M

persimilis (N.E.Br.) M.Ashby
Orthosiphon persimilis N.E.Br. (1)
Orthosiphon rogersii N.E.Br. (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 610–1130 m. NW, M, S

petiolata M.Ashby
Perennial. Shrub. Ht up to 1 m. Alt 765–1465 m. LIM, M, S

petrensis (Hiern) M.Ashby
H. dinteri Briq. (1)
H. mossiana (R.D.Good) M.Ashby (1)
Orthosiphon engleri Perkins (1)
Orthosiphon holubii N.E.Br. (1)
Orthosiphon petrensis Hiern (1)
Orthosiphon varians N.E.Br. (1)

Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 305–2336 m. N, B, NW, LIM, M

pretoriae (Gürke) M.Ashby subsp. **heterotricha** Codd
Perennial. Herb. Ht ± 0.1 m. Alt 380–1220 m. M, S, KZN

pretoriae (Gürke) M.Ashby subsp. **pretoriae**
Orthosiphon pretoriae Gürke (1)
Perennial. Herb. Ht 0.15–0.2 m. Alt 610–1830 m. G, M, S, KZN

punctata Codd
Perennial. Shrub. Ht 0.6–1.2 m. Alt 915–1400 m. M

ramosa Codd
Perennial. Shrub. Ht 1–2 m. Alt ± 400 m. KZN

rehmannii (Gürke) M.Ashby
Orthosiphon rehmannii Gürke (1)
Perennial. Shrub. Ht 0.3–0.8 m. Alt 1280–2180 m. LIM

rugosifolia M.Ashby
Perennial. Shrub. Ht ± 1 m. Alt 1380–1440 m. LIM

serrata Briq. = **H. bracteosa**

stalmansii A.J.Paton & K.Balkwill
Perennial. Herb. Ht 0.8–1.5 m. Alt 890–1410 m. M, S

stenophylla (Gürke) M.Ashby
Orthosiphon stenophyllus Gürke (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 915–1920 m. KZN, EC

subvelutina (Gürke) M.Ashby
Orthosiphon subvelutinus Gürke (1)
Perennial. Shrub, herb. Ht 0.2–0.5 m. Alt 915–2300 m. LIM, G, M

teucriifolia (Hochst.) Briq.
Ocimum teucriifolium Hochst. (1)
Orthosiphon teucriifolius (Hochst.) N.E.Br. var. *galpinianus* (Briq.) N.E.Br. (1)
Orthosiphon teucriifolius (Hochst.) N.E.Br. var. *teucriifolius* (1)
Orthosiphon woodii Gürke (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 765–2135 m. M, KZN, EC

thorncroftii (N.E.Br.) M.Ashby
Orthosiphon thorncroftii N.E.Br. (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 914–1675 m. M, S

transvaalensis (Schltr.) M.Ashby
Orthosiphon muddii N.E.Br. (1)
Orthosiphon transvaalensis Schltr. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 701–1900 m. NW, M, S

HOLOSTYLON Robyns & J.-P.Lebrun 7350020

(1) Codd. 1985. *FSA* 28,4: 173.

baumii (Gürke) G.Taylor
Plectranthus baumii Gürke (1)
Perennial. Herb. Ht 1.2–2.5 m. Alt ± 1000 m. B

HOSLUNDIA Vahl 7357000

(1) Codd. 1985. *FSA* 28,4: 182,183.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.

opposita Vahl
H. opposita Vahl var. *decumbens* (Benth.) Baker (1)
H. opposita Vahl var. *verticillata* (Vahl) Baker (1)
Perennial. Herb. Ht 0.6–1.2 m. Alt 15–1525 m. N, B, LIM, M, S, KZN

opposita Vahl var. *decumbens* (Benth.) Baker = **H. opposita**

opposita Vahl var. *verticillata* (Vahl) Baker = **H. opposita**

*HYPTIS Jacq. 7342000

(1) Codd. 1985. *FSA* 28,4: 117–119.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.

mutabilis (A.Rich.) Briq.
H. mutabilis (A.Rich.) Briq. var. *spicata* (Poit.) Briq. (1)
Nepeta mutabilis A.Rich. (1)
Annual. Herb. Ht up to 1.5 m. Alt ± 800 m. KZN

mutabilis (A.Rich.) Briq. var. *spicata* (Poit.) Briq. = **H. mutabilis**

pectinata (L.) Poit.
Nepeta pectinata L. (1)
Perennial. Herb. Ht 0.6–2.3 m. Alt 10–1220 m. B, LIM, M, S, KZN

spicigera Lam.
Annual. Herb. Ht 0.5–2 m. Alt 600–1000 m. B, LIM

IBOZA N.E.Br. 7357010

bainesii N.E.Br. = **Tetradenia riparia**

barberae N.E.Br. = **Tetradenia barberae**

brevispicata N.E.Br. = **Tetradenia brevispicata**

galpinii N.E.Br. = **Tetradenia riparia**

riparia (Hochst.) N.E.Br. = **Tetradenia riparia**

KALAHARIA Baill. 7187000

uncinata (Schinz) Moldenke = **Rotheca uncinata**

KAROMIA Dop 7192010

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 49.
(2) Fernandes. 1985. *Garcia de Orta* 7,1, 2: 33–46.
(3) Retief & Herman. 1997. *Strelitzia* 6: 642.

speciosa (Hutch. & Corbishley) R.Fern. forma **flava** (Moldenke) R.Fern.
Perennial. Shrub. Ht 1–3.5 m. Alt ± 200 m. M

speciosa (Hutch. & Corbishley) R.Fern. forma **speciosa**
Holmskioldia speciosa Hutch. & Corbishley (2)
Holmskioldia tettensis of authors not of (Klotzsch) Vatke, concept invalid (2)
Perennial. Shrub. Ht 4–6 m. Alt 152–1220 m. LIM, G, M, S, KZN

*LAMIUM L. 7271000

(1) Codd. 1985. *FSA* 28,4: 46, 47.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.

amplexicaule L.
Annual. Herb. Ht 0.1–0.4 m. Alt 516–1700 m. G, FS, L, NC, WC, EC

LASIOCORYS Benth. 7268010

capensis Benth. = **Leucas capensis**

eenii (Hiern) Baker = **Acrotome inflata**

pechuelii Kuntze = **Leucas pechuelii**

LEONOTIS (Pers.) R.Br. 7264000

(1) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 876.
(2) Iwarsson. 1985. *FSA* 28,4: 31–37.
(3) Vos. 1995. *A systematic study of* Leonotis *(Pers.) R.Br. (Lamiaceae) in southern Africa.* Unpublished Ph.D. thesis, University of Natal, Pietermaritzburg.

(4) Retief & Herman. 1997. *Strelitzia* 6: 495, 496.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

africanus Mill. = **L. leonurus**

bachmannii Gürke = **L. intermedia**

brevipes Skan = **L. intermedia**

dinteri Briq. = **L. schinzii**

dubia E.Mey.
L. galpinii Skan (3)
L. laxifolia MacOwan (3)
L. laxifolia MacOwan forma *pilosa* Gürke (3)
L. mollis Benth. var. *albiflora* Skan (3)
L. urticifolia Briq. (3)
L. westae Skan (3)
Perennial. Shrub. Ht 1.5–3 m. Alt 182–2000 m. S, KZN, EC

dysophylla Benth. = **L. intermedia**

galpinii Skan = **L. dubia**

grandiflorus Moench = **L. leonurus**

hereroensis Briq. = **L. schinzii**

intermedia Lindl.
L. bachmannii Gürke (3)
L. brevipes Skan (3)
L. dysophylla Benth. (3)
L. intermedia Lindl. var. *natalensis* Skan (3)
L. malacophylla Gürke (3)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 100–2100 m. LIM, G, M, S, FS, KZN, EC

intermedia Lindl. var. *natalensis* Skan = **L. intermedia**

kwebensis N.E.Br. = **L. nepetifolia**

latifolia Gürke = **L. ocymifolia**

laxifolia MacOwan = **L. dubia**

laxifolia MacOwan forma *pilosa* Gürke = **L. dubia**

leonitis R.Br. var. *hirtiflora* (Benth.) Skan = **L. ocymifolia**

leonitis R.Br. var. *leonitis* = **L. ocymifolia**

leonurus (L.) R.Br
L. africanus Mill. (3)
L. grandiflorus Moench (3)
L. leonurus (L.) R.Br. var. *albiflora* Benth. (3)
Phlomis leonurus L. (3)
Perennial. Shrub. Ht 2–5 m. Alt 5–1980 m. LIM, M, KZN, WC, EC

leonurus (L.) R.Br. var. *albiflora* Benth. = **L. leonurus**

malacophylla Gürke = **L. intermedia**

microphylla Skan = **L. randii**

mollis Benth. var. *albiflora* Skan = **L. dubia**

mollis Benth. var. *mollis* = **L. ocymifolia**

nepetifolia (L.) R.Br.
L. kwebensis N.E.Br. (3)
Phlomis nepetifolia L. (3)
Perennial. Herb. Ht 1–3 m. Alt 151–1065 m. N, B, LIM, G, M, S

ocymifolia (Burm.f.) Iwarsson
L. latifolia Gürke (3)
L. leonitis R.Br. var. *hirtiflora* (Benth.) Skan (3)
L. leonitis R.Br. var. *leonitis* (3)
L. mollis Benth. var. *mollis* (3)
L. ocymifolia (Burm.f.) Iwarsson var. *raineriana* (Vis.) Iwarsson (3)
L. parvifolia Benth. (3)
L. raineriana Vis. (3)
Leonurus minor Boerh. (3)
Phlomis leonotis L. (3)
Phlomis ocymifolia Burm.f. (3)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 800–1800 m. LIM, NW, G, M, NC, WC, EC

ocymifolia (Burm.f.) Iwarsson var. *raineriana* (Vis.) Iwarsson = **L. ocymifolia**

ocymifolia (Burm.f.) Iwarsson var. *schinzii* (Gürke) Iwarsson = **L. schinzii**

parvifolia Benth. = **L. ocymifolia**

raineriana Vis. = **L. ocymifolia**

randii S.Moore
L. microphylla Skan (3)
Perennial. Shrub. Ht 0.3–0.8 m. Alt 1000–1600 m. B, LIM, G, M, FS

schinzii Gürke
L. dinteri Briq. (3)
L. hereroensis Briq. (3)
L. ocymifolia (Burm.f) Iwarsson var. *schinzii* (Gürke) Iwarsson (3)
Perennial. Shrub. Ht 1–2 m. Alt 900–2000 m. N, LIM, NW, G, M

urticifolia Briq. = **L. dubia**

westae Skan = **L. dubia**

LEONURUS L. 7273000

minor Boerh. = **Leonotis ocymifolia**

LEUCAS Burm. ex R.Br. 7268000

(1) Codd. 1985. *FSA* 28,4: 38–45.
(2) Retief & Herman. 1997. *Strelitzia* 6: 496.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

altissima Engl. = **L. pechuelii**

capensis (Benth.) Engl.
Lasiocorys capensis Benth. (1)
Perennial. Dwarf shrub. Ht 0.25–1.5 m. Alt 30–1465 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

dinteri Briq. = **L. glabrata** var. **glabrata**

ebracteata Peyr. var. **kaokoveldensis** Sebald
Annual. Herb. Ht 0.3–0.8 m. Alt 1100–1340 m. N

fleckii Gürke = **Acrotome fleckii**

glabrata (Vahl) Sm. var. **glabrata**
L. dinteri Briq. (1)
L. junodii Briq. (1)
L. natalensis Sond. (1)
Phlomis glabrata Vahl (1)
Perennial. Herb. Ht 0.25–0.8 m. Alt 30–1350 m. N, B, LIM, NW, M, S, KZN, EC

glabrata (Vahl) Sm. var. **linearis** Codd
Perennial. Herb, short-lived. Ht 0.3–0.5 m. Alt ± 1000 m. LIM

indica (L.) Vatke = **L. lavandulifolia**

junodii Briq. = **L. glabrata** var. **glabrata**

lavandulifolia Sm.
L. indica (L.) Vatke (1)
Annual. Herb. Ht 0.6–1 m. Alt 5–155 m. KZN

martinicensis (Jacq.) R.Br.
Clinopodium martinicense Jacq. (1)
Annual. Herb. Ht 0.15–1.2 m. Alt 120–1705 m. N, B, LIM, NW, G, M, S, FS, KZN

natalensis Sond. = **L. glabrata** var. **glabrata**

neuflizeana Courbon
Annual, occ. perennial. Herb. Ht 0.15–0.4 m. Alt 441–1530 m. B, LIM, NW, G, M, S, KZN, NC

pechuelii (Kuntze) Gürke
Lasiocorys pechuelii Kuntze (1)
L. altissima Engl. (1)
Perennial. Shrub. Ht 0.25–1 m. Alt 600–1675 m. N

sexdentata Skan
Annual. Herb. Ht 0.15–0.6 m. Alt 109–1465 m. B, LIM, NW, M

*MARRUBIUM L. 7238000

(1) Codd. 1985. *FSA* 28,4: 24, 25.

africanum L. = **Ballota africana**

vulgare L.
Perennial. Herb. Ht 0.3–0.6 m. Alt 5–1830 m. L, EC

MENTHA L. 7328000

(1) Codd. 1985. *FSA* 28,4: 107–111.
(2) Retief & Herman. 1997. *Strelitzia* 6: 496, 497.

aquatica L.
M. dumetorum Schult. var. *natalensis* Briq. (2)
Perennial. Herb, rhizomatous, procumbent. Length 0.8–1.5 m. Alt 5–2135 m. N, LIM, NW, G, M, S, KZN, L, NC, WC, EC

capensis Thunb. = **M. longifolia** subsp. **capensis**

dumetorum Schult. var. *natalensis* Briq. = **M. aquatica**

longifolia (L.) Huds. subsp. *bouvieri* (Briq.) Briq. = **M. longifolia** subsp. **capensis**

longifolia (L.) Huds. subsp. **capensis** (Thunb.) Briq.
M. capensis Thunb. (2)
M. longifolia (L.) Huds. subsp. *bouvieri* (Briq.) Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *cooperi* Briq. ex T.Cooke (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *doratophylla* Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *obscuriceps* Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *salicina* (Burch. ex Benth.) Briq. (2)
Perennial. Herb. Ht ± 1.5 m. Alt 75–2590 m. NW, FS, L, NC, WC, EC

longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *cooperi* Briq. ex T.Cooke = **M. longifolia** subsp. **capensis**

longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *doratophylla* Briq. = **M. longifolia** subsp. **capensis**

longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *obscuriceps* Briq. = **M. longifolia** subsp. **capensis**

longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *salicina* (Burch. ex Benth.) Briq. = **M. longifolia** subsp. **capensis**

longifolia (L.) Huds. subsp. **polyadena** (Briq.) Briq.
M. sylvestris L. subsp. *polyadena* Briq. (2)
Perennial. Herb. Ht ± 1.5 m. Alt 120–1980 m. LIM, G, M, S, FS, KZN, L, WC, EC

longifolia (L.) Huds. subsp. **wissii** (Launert) Codd
M. wissii Launert (2)
Perennial. Herb. Ht ± 1.5 m. Alt 700–1400 m. N, NC, WC

sylvestris L. subsp. *polyadena* Briq. = **M. longifolia** subsp. **polyadena**

wissii Launert = **M. longifolia** subsp. **wissii**

MICROMERIA Benth. 7305010

biflora (Buch.-Ham. ex D.Don) Benth. = **Satureja biflora**

grandiflora Killick = **Satureja grandibracteata**

pilosa Benth. = **Satureja reptans**

MOSCHOSMA Rchb. 7364010

polystachyon (L.) Benth. = **Basilicum polystachyon**

riparium Hochst. = **Tetradenia riparia**

NAUTOCHILUS Bremek. 7367020

amabilis Bremek. = **Orthosiphon amabilis**

breyeri Bremek. = **Orthosiphon labiatus**

labiatus (N.E.Br.) Bremek. = **Orthosiphon labiatus**

urticaefolia Bremek. = **Orthosiphon labiatus**

NEOHYPTIS J.K.Morton 7347010

(1) Codd. 1985. *FSA* 28,4: 135.

paniculata (Baker) J.K.Morton
Geniosporum paniculatum Baker (1)
Annual. Herb. Ht ± 2 m. Alt ± 900 m. B

NEOMUELLERA Briq. 7356000

damarensis S.Moore = **Plectranthus hereroensis**

NEPETA L. 7247000

mutabilis A.Rich. = **Hyptis mutabilis**

pectinata L. = **Hyptis pectinata**

OCIMUM L. 7366000

(1) Codd. 1985. *FSA* 28,4: 219–222.
(2) Paton. 1992. *Kew Bulletin* 47: 403–435.
(3) Retief & Herman. 1997. *Strelitzia* 6: 497.

angustifolium Benth. = **Becium angustifolium**

bracteosum Benth. = **Hemizygia bracteosa**

burchellianum Benth. = **Becium burchellianum**

fissilabrum Briq. = **Becium filamentosum**

galpinii Gürke = **Becium obovatum** subsp. **obovatum** var. **galpinii**

gratissimum L. subsp. **gratissimum** var. **gratissimum**
O. micranthum Dinter ex Launert, naked name (2)
O. suave Willd. (2)
O. urticifolium Roth subsp. *urticifolium* (2)
Perennial. Herb. Ht 0.3–1.2 m. Alt 150–1400 m. N, B, LIM, NW, G, M, S, KZN

hadiense Forssk. = **Plectranthus hadiensis** var. **hadiensis**

knyanum Vatke = **Becium filamentosum**

micranthum Dinter ex Launert, naked name = **O. gratissimum** subsp. **gratissimum** var. **gratissimum**

natalense Ayob. ex A.J.Paton
O. natalense Ayob., naked name (2)
O. urticifolium Roth subsp. *caryophyllatum* Codd (2)
Perennial. Shrub. Ht 1–2 m. Alt 5–100 m. KZN

natalense Ayob., naked name = **O. natalense**

obovatum E.Mey. ex Benth. = **Becium obovatum** subsp. **obovatum** var. **obovatum**

obtusifolium E.Mey. ex Benth. = **Endostemon obtusifolius**

polystachyon L. = **Basilicum polystachyon**

rautanenii Briq. = **Becium filamentosum**

stenoglossum Briq. = **Becium filamentosum**

suave Willd. = **O. gratissimum** subsp. **gratissimum** var. **gratissimum**

suffrutescens Thonn. = **Orthosiphon suffrutescens**

tereticaule Poir. = **Endostemon tereticaulis**

teucriifolium Hochst. = **Hemizygia teucriifolia**

urticifolium Roth subsp. *caryophyllatum* Codd = **O. natalense**

urticifolium Roth subsp. *urticifolium* = **O. gratissimum** subsp. **gratissimum** var. **gratissimum**

verticillatum L.f. = **Plectranthus verticillatus**

ORTHOSIPHON Benth. 7367000

(1) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 901.
(2) Codd. 1972. *The Flowering Plants of Africa* 42: t. 1657.
(3) Codd. 1976. *The Flowering Plants of Africa* 43: t. 1697.
(4) Codd. 1985. *FSA* 28,4: 229–236.
(5) Retief & Herman. 1997. *Strelitzia* 6: 497, 498.

affinis N.E.Br. = **Hemizygia canescens**

albiflorus N.E.Br. = **Hemizygia albiflora**

amabilis (Bremek.) Codd
Nautochilus amabilis Bremek. (4)
Perennial. Shrub. Ht 0.6–0.9 m. Alt 560–1065 m. LIM, M

ambiguus Bolus = **Plectranthus ambiguus**

australis Vatke = **O. suffrutescens**

bolusii N.E.Br. = **Hemizygia bolusii**

bracteosus (Benth.) Baker = **Hemizygia bracteosa**

canescens Gürke = **Hemizygia canescens**

decipiens N.E.Br. = **Hemizygia albiflora**

elliottii Baker = **Hemizygia elliottii**

engleri Perkins = **Hemizygia petrensis**

foliosus (S.Moore) N.E.Br. = **Hemizygia foliosa**

fruticosus Codd
Perennial. Shrub. Ht 0.5–1.2 m. Alt 304–1280 m. LIM, M

gerrardii N.E.Br. = **Hemizygia gerrardii**

holubii N.E.Br. = **Hemizygia petrensis**

inconcinnus Briq. = **O. suffrutescens**

labiatus N.E.Br.
Nautochilus breyeri Bremek. (4)
Nautochilus labiatus (N.E.Br.) Bremek. (4)
Nautochilus urticaefolia Bremek. (4)
Perennial. Shrub. Ht 0.6–1.8 m. Alt 305–2130 m. LIM, NW, M, S, KZN

latidens N.E.Br. = **Syncolostemon latidens**

linearis Benth. = **Hemizygia linearis**

macranthus Gürke = **Syncolostemon macranthus**

macrophyllus (Gürke) N.E.Br. = **Hemizygia macrophylla**

messinensis R.D.Good = **Hemizygia elliottii**

muddii N.E.Br. = **Hemizygia transvaalensis**

persimilis N.E.Br. = **Hemizygia persimilis**

petrensis Hiern = **Hemizygia petrensis**

pretoriae Gürke = **Hemizygia pretoriae** subsp. **pretoriae**

pseudoserratus M.Ashby
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 1450–1600 m. LIM

rehmannii Gürke = **Hemizygia rehmannii**

rogersii N.E.Br. = **Hemizygia persimilis**

rubicundus (D.Don) Benth.
Plectranthus rubicundus D.Don (4)
Perennial. Herb. Ht 0.25–0.6 m. Alt 700–1000 m. LIM

schinzianus Briq. = **Hemizygia bracteosa**

serratus Schltr.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 185–2000 m. M, S, KZN

stenophyllus Gürke = **Hemizygia stenophylla**

subvelutinus Gürke = **Hemizygia subvelutina**

suffrutescens (Thonn.) J.K.Morton
Ocimum suffrutescens Thonn. (4)
O. australis Vatke (4)
O. inconcinnus Briq. (4)
O. wilmsii Gürke var. *komghensis* N.E.Br. (4)
O. wilmsii Gürke var. *wilmsii* (4)
Perennial. Herb. Ht 0.15–0.6 m. Alt 20–1405 m. B, LIM, NW, G, M, S, KZN

tenuiflorus Benth. = **Endostemon tenuiflorus**

teucriifolius (Hochst.) N.E.Br. var. *galpinianus* (Briq.) N.E.Br. = **Hemizygia teucriifolia**

teucriifolius (Hochst.) N.E.Br. var. *teucriifolius* = **Hemizygia teucriifolia**

thorncroftii N.E.Br. = **Hemizygia thorncroftii**

transvaalensis Schltr. = **Hemizygia transvaalensis**

tubiformis R.D.Good
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1800 m. LIM

varians N.E.Br. = **Hemizygia petrensis**

vernalis Codd
Perennial. Herb. Ht 0.2–0.3 m. Alt 762–915 m. S

wilmsii Gürke var. *komghensis* N.E.Br. = **O. suffrutescens**

wilmsii Gürke var. *wilmsii* = **O. suffrutescens**

woodii Gürke = **Hemizygia teucriifolia**

PHLOMIS L. 7266000

glabrata Vahl = **Leucas glabrata** var. **glabrata**

leonitis L. = **Leonotis ocymifolia**

leonurus L. = **Leonotis leonurus**

nepetifolia L. = **Leonotis nepetifolia**

ocymifolia Burm.f. = **Leonotis ocymifolia**

PLATOSTOMA P.Beauv. 7360000

(1) Codd. 1985. *FSA* 28,4: 214, 215.
(2) Paton. 1997. *Kew Bulletin* 52: 257–292.
(3) Retief & Herman. 1997. *Strelitzia* 6: 493.

rotundifolium (Briq.) A.J.Paton
Geniosporum angolense Briq. (2)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 765–1890 m. LIM, G, M, S

PLECTRANTHUS L'Hér. 7350000

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 294.
(2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 960.
(3) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1073.
(4) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1051.

(5) Dyer & Bruce. 1951. *The Flowering Plants of Africa* 28: t. 1110.
(6) Lewis. 1951. *The Flowering Plants of Africa* 28: t. 1109.
(7) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1244.
(8) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1417.
(9) Codd. 1971. *The Flowering Plants of Africa* 41: t. 1601.
(10) Codd. 1972. *The Flowering Plants of Africa* 42: t. 1646.
(11) Agnew. 1974. *Upland Kenya wild flowers*: 633–640.
(12) Codd. 1977. *The Flowering Plants of Africa* 44: tt. 1728, 1729.
(13) Codd. 1979. *The Flowering Plants of Africa* 45: t. 1791.
(14) Codd. 1979. *The Flowering Plants of Africa* 46: t. 1809.
(15) Codd. 1982. *The Flowering Plants of Africa* 47: tt. 1854, 1855.
(16) Codd. 1984. *The Flowering Plants of Africa* 48: tt. 1887, 1888.
(17) Codd. 1985. *The Flowering Plants of Africa* 48: tt. 1903–1905.
(18) Codd. 1985. *FSA* 28.4: 137–172.
(19) Van Jaarsveld & Edwards. 1991. *The Flowering Plants of Africa* 51: t. 2034.
(20) Van Jaarsveld & Edwards. 1997. *Bothalia* 27: 1–6.
(21) Van Jaarsveld & Hankey. 1997. *Aloe* 34: 40, 41.
(22) Retief & Herman. 1997. *Strelitzia* 6: 498–501.
(23) Goldblatt & Manning. 2000. *Strelitzia* 9: 531.

aliciae (Codd) Van Jaarsv. & T.J.Edwards
P. madagascariensis (Pers.) Benth. var. *aliciae* Codd (20)
Perennial. Herb, decumbent, semisucculent. Ht 0.4–0.5 m. Alt ± 400 m. KZN, EC

ambiguus (Bolus) Codd
Orthosiphon ambiguus Bolus (20)
P. coloratus E.Mey. ex Benth. in part (18)
P. dregei Codd (18)
Perennial. Dwarf shrub, herb. Ht 0.4–1.2 m. Alt 5–1645 m. G, M, S, KZN, EC

amboinicus (Lour.) Spreng.
Coleus amboinicus Lour. (18)
Perennial. Herb, decumbent, succulent. Length up to 1.5 m. Alt 60–155 m. KZN

amboinicus of author, not of (Lour.) Spreng. = **P. unguentarius**

arthropodus Briq. = **P. fruticosus**

aurifer Dinter ex Launert = **P. hereroensis**

***barbatus** Andrews
Coleus barbatus (Andrews) Benth. (18)
Perennial. Shrub, herb. Ht ± 3 m. Alt 213–1075 m. LIM, G, S, WC, EC

baumii Gürke = **Holostylon baumii**

behrii Compton = **P. fruticosus**

calycinus Benth. var. *calycinus* = **Rabdosiella calycina**

calycinus Benth. var. *pachystachyus* (Briq.) T.Cooke = **Rabdosiella calycina**

candelabriformis Launert
Perennial. Herb. Ht ± 1 m. Alt ± 2135 m. N

caninus Roth
Coleus caninus (Roth) Vatke (18)
Coleus omahekense Dinter (18)
Perennial. Herb, succulent. Ht 0.15–0.4 m. Alt 1000–1200 m. N, LIM, NW

charianthus Briq. = **P. fruticosus**

ciliatus E.Mey. ex Benth.
P. natalensis Gürke (18)
Perennial. Herb. Ht up to 0.6 m. Alt 15–1730 m. LIM, G, S, KZN, WC, EC

coloratus E.Mey. ex Benth. in part = **P. ambiguus**

cooperi T.Cooke in part = **P. dolichopodus**

cooperi T.Cooke in part = **P. grallatus**

cylindraceus Hochst. ex Benth.
P. densiflorus T.Cooke (18)
P. glomeratus R.A.Dyer (18)
P. spiciformis R.A.Dyer (18)
P. villosus T.Cooke (18)
Perennial. Herb, succulent. Ht 0.6–1.5 m. Alt 152–3250 m. N, B, NW, G, M, S, KZN

densiflorus T.Cooke = **P. cylindraceus**

dinteri Briq.
P. zatarhendi in sense of Launert & A.Schreib., misapplied name (18)
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 410–1830 m. N

dolichopodus Briq.
P. cooperi T.Cooke in part (18)
Perennial. Herb. Ht 0.25–1 m. Alt 765–1830 m. LIM, M, KZN, EC

dolomiticus Codd
Perennial. Herb, succulent. Ht up to 0.3 m. Alt ± 1000 m. LIM

draconis Briq. = **P. hadiensis** var. **woodii**

dregei Codd = **P. ambiguus**

ecklonii Benth.
Perennial. Shrub. Ht 0.7–2.5 m. Alt 30–1525 m. M, KZN, EC

elegantulus Briq.
Perennial. Herb. Ht 0.2–0.5 m. Alt 1350–3000 m. KZN

ernstii Codd
Perennial. Herb, procumbent, succulent. Ht up to 2 m. Alt ± 350 m. KZN, EC

esculentus N.E.Br.
P. floribundus N.E.Br. (18)
Perennial. Herb, succulent. Ht 0.06–1.2 m. Alt 600–1370 m. B, LIM, M, S, KZN

floribundus N.E.Br. = **P. esculentus**

fruticosus L'Hér.
P. arthropodus Briq. (18)
P. behrii Compton (18)
P. charianthus Briq. (18)
P. galpinii Schltr. (18)
P. peglerae T.Cooke (18)
Perennial. Shrub, herb. Ht 0.6–2 m. Alt 2–2012 m. LIM, G, M, S, KZN, WC, EC

galpinii Schltr. = **P. fruticosus**

glomeratus R.A.Dyer = **P. cylindraceus**

grallatus Briq.
P. cooperi T.Cooke in part (18)
P. krookii Gürke ex Zahlbr. (18)
P. natalensis Gürke forma *glandulosa* E.Phillips (18)
P. praetervisus Briq. (18)
P. transvaalensis Briq. var. *grandifolia* T.Cooke (18)
P. transvaalensis Briq. var. *transvaalensis* (18)
Perennial. Herb. Ht 0.4–1.5 m. Alt 565–2200 m. LIM, G, M, FS, KZN, L, EC

grandidentatus Gürke
Perennial. Herb, procumbent, succulent. Length up to 2 m. Alt 335–1775 m. LIM, M, S, KZN, EC

hadiensis (Forssk.) Schweinf. ex Spreng. var. **hadiensis**
Ocimum hadiense Forssk. (18)
P. pachyphyllus Gürke ex T.Cooke (18)
P. zatarhendi in sense of Codd var. *zatarhendi* in sense of Codd, misapplied name (18)
Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 420–2195 m. LIM, G, M, S, KZN

hadiensis (Forssk.) Schweinf. ex Spreng. var. **tomentosus** (Benth.) Codd
P. tomentosus Benth. (18)
P. zatarhendi in sense of Codd var. *tomentosus* (Benth.) Codd, misapplied name (18)

Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 30–1800 m. LIM, M, S, KZN, EC

hadiensis (Forssk.) Schweinf. ex Spreng. var. **woodii** (Gürke) Codd
P. draconis Briq. (18)
P. woodii Gürke (18)
P. zatarhendi in sense of Codd var. *woodii* (Gürke) Codd, misapplied name (18)
Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 100–1700 m. LIM, M, KZN, EC

hereroensis Engl.
Neomuellera damarensis S.Moore (18)
P. aurifer Dinter ex Launert (18)
P. myrianthus Briq. (18)
P. otaviensis Dinter (18)
Annual, occ. perennial. Herb, semisucculent. Ht up to 1 m. Alt 305–1830 m. N, B, LIM, NW, G, KZN

hilliardiae Codd
Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt ± 200 m. KZN, EC

hirtus Benth. = **P. madagascariensis** var. **madagascariensis**

hylophilus of author, not of Gürke, concept invalid = **P. laxiflorus**

krookii Gürke ex Zahlbr. = **P. grallatus**

kuntzeanus Domin = **P. strigosus**

kuntzei Gürke = **P. petiolaris**

laxiflorus Benth.
P. hylophilus of author, not of Gürke, concept invalid (18)
Perennial. Herb. Ht 0.7–1.5 m. Alt 15–1980 m. LIM, M, S, KZN, EC

lucidus Van Jaarsv. & T.J.Edwards
P. strigosus Benth. var. *lucidus* Benth. (20)
Perennial. Herb, procumbent, succulent. Ht? Alt 60–133 m. EC

madagascariensis (Pers.) Benth. var. *aliciae* Codd = **P. aliciae**

madagascariensis (Pers.) Benth. var. **madagascariensis**
P. hirtus Benth. (18)
Perennial. Herb, procumbent, decumbent, succulent. Ht up to 0.4 m. Alt 6–1676 m. M, S, KZN, EC

madagascariensis (Pers.) Benth. var. **ramosior** Benth.
Perennial. Herb, succulent. Ht 0.2–0.35 m. Alt 560–1830 m. LIM, NW, G, M, S, FS, KZN, EC

malvinus Van Jaarsv. & T.J.Edwards
Perennial. Herb, decumbent, succulent. Ht? Alt ± 500–600 m. EC

mirabilis (Briq.) Launert
Coleus mirabilis Briq. (18)
Perennial. Herb. Ht 1–3.5 m. Alt ± 900 m. N

mutabilis Codd
Perennial. Herb, procumbent, succulent. Length up to 0.4 m. Alt 1000–2230 m. LIM, G, M

myrianthus Briq. = **P. hereroensis**

natalensis Gürke = **P. ciliatus**

natalensis Gürke forma *glandulosa* E.Phillips = **P. grallatus**

neglectus Dinter = **Aeollanthus neglectus**

neochilus Schltr.
Coleus carnosus Dinter ex Eliovson (18)
Coleus neochilus (Schltr.) Codd (18)
Coleus pentheri Gürke (18)
Coleus schinzii Gürke (18)
Annual, occ. perennial. Herb, succulent. Ht 0.12–0.5 m. Alt 15–1800 m. N, B, LIM, NW, G, M, S, KZN, EC

nummularius Briq. = **P. verticillatus**

oertendahlii T.C.E.Fr.
Perennial. Herb, succulent. Ht ± 0.2 m. Alt ± 100–450 m. KZN

oribiensis Codd
Perennial. Herb. Ht ± 1.5 m. Alt ± 600 m. KZN

otaviensis Dinter = **P. hereroensis**

pachyphyllus Gürke ex T.Cooke = **P. hadiensis** var. **hadiensis**

parviflorus Gürke = **P. strigosus**

peglerae T.Cooke = **P. fruticosus**

***ornatus** Codd
Perennial. Herb, decumbent, succulent. Ht ± 0.2 m. Alt? Distr.?

pentheri (Gürke) Van Jaarsv. & T.J.Edwards
Perennial. Herb, decumbent, succulent. Ht ± 0.1 m. Alt ± 530 m. EC

petiolaris E.Mey. ex Benth.
P. kuntzei Gürke (18)
Perennial. Herb, succulent. Ht ± 1 m. Alt 50–500 m. M, KZN, EC

praetermissus Codd
Perennial. Herb. Ht 0.2–0.5 m. Alt ± 200 m. EC

praetervisus Briq. = **P. grallatus**

psammophilus Codd
Perennial. Herb, decumbent to procumbent, succulent. Length up to 0.5 m. Alt 175–700 m. KZN

purpuratus Harv. subsp. **montanus** Van Jaarsv. & T.J.Edwards
Perennial. Herb, procumbent to decumbent, succulent. Ht up to 0.2 m. Alt? M, KZN

purpuratus Harv. subsp. **purpuratus**
Perennial. Herb. Ht ± 0.25 m. Alt 460–795 m. KZN

purpuratus Harv. subsp. **tongaensis** Van Jaarsv. & T.J.Edwards
Perennial. Herb, procumbent, succulent. Ht/Length? Alt ± 90 m. KZN

pyramidatus Gürke = **Rabdosiella calycina**

reflexus Van Jaarsv. & T.J.Edwards
Perennial. Herb, succulent. Ht 1–1.5 m. Alt ± 700 m. EC

rehmannii Gürke
Perennial. Herb. Ht 0.6–1.2 m. Alt 826–1400 m. KZN

rubicundus D.Don = **Orthosiphon rubicundus**

rubropunctatus Codd
Perennial. Herb. Ht ± 2 m. Alt 860–2100 m. LIM, G, M, S, KZN

saccatus Benth. var. **longitubus** Codd
Perennial. Herb, succulent. Ht 0.5–1.2 m. Alt ± 480 m. KZN

saccatus Benth. var. **saccatus**
Perennial. Herb, succulent. Ht 0.5–1.2 m. Alt 30–1150 m. KZN, EC

saccatus Benth. subsp. **pondoensis** Van Jaarsv. & Milstein

Perennial. Herb, trailing, succulent. Ht? Alt? KZN, EC

spicatus E.Mey. ex Benth.
P. subspicatus Hochst. (18)
Perennial. Herb, succulent. Alt 25–1065 m. LIM, M, S, KZN, EC

spiciformis R.A.Dyer = **P. cylindraceus**

strigosus Benth.
P. kuntzeanus Domin (18)
P. parviflorus Gürke (18)
Perennial. Herb, decumbent or erect, succulent. Length up to 0.3 m. Alt 15–1280 m. M, S, KZN, EC

strigosus Benth. var. *lucidus* Benth. = **P. lucidus**

subspicatus Hochst. = **P. spicatus**

succulentus R.A.Dyer & E.A.Bruce = **Thorncroftia succulenta**

swynnertonii S.Moore
Perennial. Herb. Ht 0.4–0.75 m. Alt 765–1495 m. LIM

tetensis (Baker) Agnew
Coleus decumbens Gürke (18)
Coleus tetensis Baker (18)
Coleus vagatus E.A.Bruce (18)
P. vagatus (E.A.Bruce) Codd (18)
Perennial. Herb, procumbent, succulent. Length up to 0.75 m. Alt 120–1440 m. B, LIM, M, S

tetragonus Gürke
Annual. Herb. Ht 0.3–0.6 m. Alt 1000–3400 m. N, B, LIM, S

thorncroftii S.Moore = **Thorncroftia thorncroftii**

thunbergii Benth. = **P. verticillatus**

tomentosus Benth. = **P. hadiensis** var. **tomentosus**

transvaalensis Briq. var. *grandifolia* T.Cooke = **P. grallatus**

transvaalensis Briq. var. *transvaalensis* = **P. grallatus**

tysonii Gürke = **Solenostemon latifolius**

unguentarius Codd
P. amboinicus of author, not of (Lour.) Spreng. (18)
Perennial. Herb, succulent. Ht 1–1.5 m. Alt ± 2135 m. N

vagatus (E.A.Bruce) Codd = **P. tetensis**

venteri Van Jaarsv. & Hankey
Perennial. Herb, subshrub. Ht ± 0.7 m. Alt ± 1680 m. LIM

verticillatus (L.f.) Druce
Ocimum verticillatum L.f. (18)
P. nummularius Briq. (18)
P. thunbergii Benth. (18)
Perennial. Herb, decumbent to procumbent, succulent. Ht up to 0.5 m. Alt 3–1770 m. LIM, G, M, S, KZN, WC, EC

villosus T.Cooke = **P. cylindraceus**

woodii Gürke = **P. hadiensis** var. **woodii**

xerophilus Codd
Perennial. Shrub, succulent. Ht 1–1.7 m. Alt 312–1740 m. LIM, M

zatarhendi in sense of Codd var. *tomentosus* (Benth.) Codd, misapplied name = **P. hadiensis** var. **tomentosus**

zatarhendi in sense of Codd var. *woodii* (Gürke) Codd, misapplied name = **P. hadiensis** var. **woodii**

zatarhendi in sense of Codd var. *zatarhendi* in sense of Codd, misapplied name = **P. hadiensis** var. **hadiensis**

zatarhendi in sense of Launert & A.Schreib., misapplied name = **P. dinteri**

zuluensis T.Cooke
Perennial. Herb. Ht 1–2 m. Alt 50–1160 m. S, KZN

PREMNA L. 7185000

(1) Pieper. 1928. *Botanische Jahrbücher* 62, Beiblatt 142: 80.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 68–82.
(3) Retief & Herman. 1997. *Strelitzia* 6: 643.

mooiensis (H.Pearson) W.Piep.
Vitex mooiensis H.Pearson (1)
Perennial. Tree. Ht ± 5 m. Alt 30–1370 m. LIM, NW, M, S, KZN, EC

senensis Klotzsch
Perennial. Shrub. Ht ± 3 m. Alt ± 915 m. N

*PRUNELLA L. 7254000

(1) Codd. 1985. *FSA* 28,4: 28, 29.

vulgaris L.
Perennial. Herb, straggling. Length up to 0.3 m. Alt 457–1850 m. KZN, WC, EC

PSEUDOCIMUM Briq. 7365010

trichocalyx Bremek. = **Endostemon tenuiflorus**

PYCNOSTACHYS Hook. 7347000

(1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 513.
(2) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 560.
(3) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 766.
(4) Codd. 1985. *FSA* 28,4: 131–134.
(5) Retief & Herman. 1997. *Strelitzia* 6: 501.

coerulea Hook.
Perennial. Herb. Ht 0.6–1.2 m. Alt ± 1000 m. B

holophylla Briq. = **P. reticulata**

pubescens Gürke = **P. urticifolia**

purpurascens Briq. = **P. reticulata**

reticulata (E.Mey.) Benth.
Echinostachys reticulata E.Mey. (4, 6)
P. holophylla Briq. (4, 6)
P. purpurascens Briq. (4, 6)
P. reticulata (E.Mey.) Benth. var. *angustifolia* Benth. (4, 6)
P. schlechteri Briq. (4, 6)
Perennial. Herb. Ht 0.2–2 m. Alt 10–2134 m. LIM, NW, G, M, S, FS, KZN, L, EC

reticulata (E.Mey.) Benth. var. *angustifolia* Benth. = **P. reticulata**

schlechteri Briq. = **P. reticulata**

urticifolia Hook.
P. pubescens Gürke (4, 6)
Perennial. Herb. Ht 1–2.5 m. Alt 490–1920 m. LIM, G, M

RABDOSIA Hassk. 7350010

calycina (Benth.) Codd = **Rabdosiella calycina**

RABDOSIELLA Codd 7350030

(1) Codd. 1985. *FSA* 28,4: 175.
(2) Retief & Herman. 1997. *Strelitzia* 6: 501.

calycina (Benth.) Codd
Plectranthus calycinus Benth. var. *calycinus* (1)
Plectranthus calycinus Benth. var. *pachystachyus* (Briq.) T.Cooke (1)

Plectranthus pyramidatus Gürke (1)
Rabdosia calycina (Benth.) Codd (1)
Perennial. Herb. Ht 0.6–1.5 m. Alt 60–2285 m. LIM, M, S, FS, KZN, EC

ROTHECA Raf. 7191020

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 19.
(2) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1274.
(3) Fernandes. 1998. *Memórias da Sociedade Broteriana* 30: 5–109.
(4) Steane & Mabberley. 1998. *Novon* 8: 204–206.
(5) Fernandes & Verdcourt. 2000. *Kew Bulletin* 55: 147–154.
(6) Herman & Retief. 2002. *Bothalia* 32: 81.

caerulea (N.E.Br.) P.P.J.Herman & Retief
Clerodendrum caeruleum N.E.Br. (6)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 640–1005 m. LIM, M, KZN

cuneiformis (Moldenke) P.P.J.Herman & Retief
Clerodendrum cuneatum Gürke illegitimate name (6)
Clerodendrum cuneiforme Moldenke (6)
Clerodendrum scheffleri Gürke var. *ellipticum* Moldenke (6)
Perennial. Dwarf shrub or suffrutex. Ht? Alt 90–1800 m. M, KZN

hirsuta (Hochst.) R.Fern. in broad sense
Clerodendrum hirsutum (Hochst.) H.Pearson (5)
Clerodendrum pearsonii Moldenke (3)
Clerodendrum triphyllum (Harv.) H.Pearson (5)
Cyclonema hirsutum Hochst. (5)
Cyclonema triphyllum Harv. (5)
Perennial. Herb. Ht 0.1–0.5 m. Alt 70–2150 m. LIM, NW, G, M, S, FS, KZN, L, EC

louwalbertsii (P.P.J.Herman) P.P.J.Herman & Retief
Clerodendrum louwalbertsii P.P.J.Herman (6)
Perennial. Herb. Ht 0.2–0.8 m. Alt 170–1850 m. LIM, NW, G, M, S, KZN

myricoides (Hochst.) Steane & Mabb. in broad sense
Clerodendrum dekindtii Gürke (3)
Clerodendrum dekindtii Gürke var. *dinteri* Thomas (3)
Clerodendrum discolor (Klotzsch) Vatke var. *oppositifolium* Thomas (3)
Clerodendrum myricoides (Hochst.) Vatke (4)
Clerodendrum myricoides (Hochst.) Vatke subsp. *namibiense* R.Fern. (5)
Clerodendrum schlechteri Gürke (3)
Cyclonema myricoides (Hochst.) Hochst. (4)
Perennial. Shrub or tree. Ht 0.9–5 m. Alt 30–1800 m. N, B, LIM, NW, G, M, S, KZN

pilosa (H.Pearson) P.P.J.Herman & Retief
Clerodendrum pilosum H.Pearson (6)
Perennial. Suffrutex. Length 0.15–0.4 m. Alt 305–610 m. EC

uncinata (Schinz) P.P.J.Herman & Retief
Clerodendrum spinescens (Oliv.) Gürke, illegitimate name (6)
Clerodendrum uncinatum Schinz (6)
Kalaharia uncinata (Schinz) Moldenke (6)
Perennial. Suffrutex. Ht 0.2–1.2 m. Alt 915–1310 m. N, B, NW

violacea (Gürke) Verdc.
Clerodendrum violaceum Gürke (5)
Perennial. Shrub, scrambler. Ht 1–2.5 m. Alt 3–15 m. KZN

wildii (Moldenke) R.Fern. in broad sense
Clerodendrum wildii Moldenke forma *glabrum* R.Fern. (5)
Perennial. Shrub or tree, succulent. Ht up to 3 m. Alt 550–1020 m. B, LIM

SALVIA L. 7290000

(1) Codd. 1956. *The Flowering Plants of Africa* 31: t. 1219.
(2) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1248.
(3) Codd. 1966. *The Flowering Plants of Africa* 37: t. 1461.
(4) Codd. 1985. *FSA* 28,4: 79–101.
(5) Retief & Herman. 1997. *Strelitzia* 6: 501, 502.
(6) Van Jaarsveld. 1999. *Bothalia* 29: 100–102.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 531, 532.

africana L. = **S. africana-caerulea**

africana-caerulea L.
S. africana L. (4)
S. lanuginosa Burm.f. (4)
S. undulata Benth. (4)
Perennial. Shrub. Ht 0.6–2 m. Alt 20–1097 m. NC, WC, EC

africana-lutea L.
S. aurea L. (4)
S. eckloniana Benth. (4)
Perennial. Shrub. Ht up to 2 m. Alt 4–755 m. NC, WC, EC

albicaulis Benth.
S. albicaulis Benth. var. *dregeana* (Benth.) Skan (4)
Perennial. Herb. Ht 0.3–0.6 m. Alt 60–900 m. WC

albicaulis Benth. var. *dregeana* (Benth.) Skan = **S. albicaulis**

aurea L. = **S. africana-lutea**

aurita L.f. var. **aurita**
S. lasiostachys Benth. (4)
S. pallidiflora Skan (4)
S. peglerae Skan (4)
Perennial. Herb, straggling. Length up to 1.2 m. Alt 5–1405 m. LIM, KZN, WC, EC

aurita L.f. var. **galpinii** (Skan) Hedge
S. galpinii Skan (4)
Perennial. Herb, straggling. Length up to 1.2 m. Alt 610–1675 m. M, S, KZN, EC

burchellii N.E.Br. var. *burchellii* = **S. namaensis**

burchellii N.E.Br. var. *hispidula* Skan = **S. namaensis**

chamelaeagnea P.J.Bergius
S. paniculata L. (4)
Perennial. Shrub. Ht 0.6–2 m. Alt 15–1100 m. NC, WC

chlorophylla Briq. = **S. stenophylla**

clandestina L. var. *angustifolia* Benth. = **S. verbenaca**

clandestina L. var. *clandestina* = **S. verbenaca**

***coccinea** Etl.
S. coccinea Etl. var. *pseudococcinea* (Jacq.) A.Gray (4)
Perennial. Herb. Ht 0.6–1.5 m. Alt 759–1524 m. N, LIM, G, M, S, KZN, EC

coccinea Etl. var. *pseudococcinea* (Jacq.) A.Gray = **S. coccinea**

cooperi Skan = **S. repens** var. **repens**

dentata Aiton
Perennial. Shrub. Ht 0.6–2 m. Alt 151–1525 m. NC, WC

dinteri Briq. = **S. garipensis**

disermas L.
S. fleckii Gürke (4)
S. rugosa Aiton (4)
S. rugosa Thunb. var. *angustifolia* Benth. (4)
S. rugosa Thunb. var. *rugosa* (4)
Perennial. Shrub, herb. Ht 0.3–1.2 m. Alt 360–1555 m. N, NW, G, FS, NC, EC

dolomitica Codd
Perennial. Shrub. Ht 1–2 m. Alt 1150–1900 m. LIM, M

eckloniana Benth. = **S. africana-lutea**

fleckii Gürke = **S. disermas**

galpinii Skan = **S. aurita** var. **galpinii**

garipensis E.Mey. ex Benth.
S. dinteri Briq. (4)
S. steingroeveri Briq. (4)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 630–2200 m. N, NC

granitica Hochst.
Perennial. Herb, stoloniferous. Length up to 0.6 m. Alt ± 600–1000 m. WC

hastifolia Benth. = **S. lanceolata**

lanceolata Lam.
S. hastifolia Benth. (4)
S. nivea Thunb. (4)
Perennial. Shrub. Ht 1–2 m. Alt 15–1500 m. NC, WC

lanuginosa Burm.f. = **S. africana-caerulea**

lasiostachys Benth. = **S. aurita** var. **aurita**

monticola Benth. var. *angustiloba* Skan = **S. schlechteri**

monticola Benth. var. *monticola* = **S. runcinata**

muirii L.Bolus
S. muirii L.Bolus var. *grandiflora* L.Bolus (4)
Perennial. Shrub. Ht 0.3–0.6 m. Alt ± 300 m. WC

muirii L.Bolus var. *grandiflora* L.Bolus = **S. muirii**

namaensis Schinz
S. burchellii N.E.Br. var. *burchellii* (4)
S. burchellii N.E.Br. var. *hispidula* Skan (4)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 366–1465 m. N, LIM, NW, FS, NC, WC

nivea Thunb. = **S. lanceolata**

obtusata Thunb.
Perennial. Herb. Ht up to 0.5 m. Alt ± 200 m. EC

pallida Dinter ex Engl. = **S. stenophylla**

pallidiflora Skan = **S. aurita** var. **aurita**

paniculata L. = **S. chamelaeagnea**

peglerae Skan = **S. aurita** var. **aurita**

radula Benth.
Perennial. Herb. Ht 0.3–0.75 m. Alt 1300–1900 m. LIM, NW

raphanifolia Benth. = **S. repens** var. **repens**

***reflexa** Hornem.
Annual. Herb. Ht 0.5–0.75 m. Alt 549–2100 m. LIM, NW, FS, KZN, L, EC

repens Burch. ex Benth. var. **keiensis** Hedge
Perennial. Herb. Ht 0.25–0.8 m. Alt 900–1560 m. EC

repens Burch. ex Benth. var. **repens**
S. cooperi Skan (4)
S. raphanifolia Benth. (4)
S. rudis Benth. (4)
S. woodii Gürke (4)
Perennial. Herb. Ht 0.25–0.8 m. Alt 15–2440 m. LIM, NW, G, M, FS, KZN, L, WC, EC

repens Burch. ex Benth. var. **transvaalensis** Hedge
Perennial. Herb. Ht 0.25–0.8 m. Alt 1600–1850 m. NW, G, M, FS

rudis Benth. = **S. repens** var. **repens**

rugosa Aiton = **S. disermas**

rugosa Thunb. var. *angustifolia* Benth. = **S. disermas**

rugosa Thunb. var. *rugosa* = **S. disermas**

runcinata L.f.
S. monticola Benth. var. *monticola* (4)
S. runcinata L.f. var. *grandiflora* Skan (4)
S. runcinata L.f. var. *nana* Skan (4)
S. sisymbrifolia Skan (4)
Perennial. Herb. Ht 0.15–0.7 m. Alt 155–2135 m. LIM, NW, G, M, FS, KZN, L, WC, EC

runcinata L.f. var. *grandiflora* Skan = **S. runcinata**

runcinata L.f. var. *nana* Skan = **S. runcinata**

scabra L.f.
Perennial. Herb. Ht 0.3–1 m. Alt 15–450 m. EC

schlechteri Briq.
S. monticola Benth. var. *angustiloba* Skan (4)
Perennial. Herb. Ht up to 0.3 m. Alt ± 800 m. EC

sisymbrifolia Skan = **S. runcinata**

steingroeveri Briq. = **S. garipensis**

stenophylla Burch. ex Benth.
S. chlorophylla Briq. (4)
S. pallida Dinter ex Engl. (4)
S. stenophylla Burch. ex Benth. var. *subintegra* Skan (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 364–2150 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

stenophylla Burch. ex Benth. var. *subintegra* Skan = **S. stenophylla**

thermarum Van Jaarsv.
Perennial. Shrub. Ht up to 1 m. Alt ± 600 m. WC

***tiliifolia** Vahl
Annual. Herb. Ht 0.4–0.6 m. Alt ± 1505 m. NW, G

triangularis Thunb.
Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1950 m. EC

tysonii Skan
Perennial. Herb. Ht up to 4 m. Alt 765–1435 m. KZN, EC

undulata Benth. = **S. africana-caerulea**

verbenaca L.
S. clandestina L. var. *angustifolia* Benth. (4)
S. clandestina L. var. *clandestina* (4)
Perennial. Herb. Ht 0.15–0.4 m. Alt 45–1670 m. N, NW, FS, NC, WC, EC

woodii Gürke = **S. repens** var. **repens**

SATUREJA L. 7305000

(1) Codd. 1985. *FSA* 28,4: 103–106.
(2) Retief & Herman. 1997. *Strelitzia* 6: 502.

biflora (Buch.-Ham. ex D.Don) Briq.
Micromeria biflora (Buch.-Ham. ex D.Don) Benth. (1)
Thymus biflorus Buch.-Ham. ex D.Don (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 915–1740 m. LIM, NW, G, M, S, L, EC

compacta Killick
Perennial. Herb, procumbent. Length 0.15–0.3 m. Alt ± 2125 m. KZN

grandibracteata Killick
Micromeria grandiflora Killick (1)
Perennial. Herb. Ht 0.2–0.35 m. Alt 2000–2300 m. KZN

reptans Killick
Micromeria pilosa Benth. (1)
Perennial. Herb, procumbent. Length 0.25–0.6 m. Alt 1800–2230 m. KZN

*SCUTELLARIA L. 7234000

(1) Codd. 1985. *FSA* 28,4: 16, 17.
(2) Retief & Herman. 1997. *Strelitzia* 6: 502.

racemosa Pers.
Perennial. Herb. Ht 0.15–0.35 m. Alt 200–1713 m. G, M, KZN, EC

SOLENOSTEMON Thonn. 7354000

(1) Codd. 1985. *FSA* 28,4: 179–181.
(2) Retief & Herman. 1997. *Strelitzia* 6: 502, 503.

latifolius (Hochst. ex Benth.) J.K.Morton
Coleus latifolius Hochst. ex Benth. (1)
Coleus rehmannii Briq. (1)
Plectranthus tysonii Gürke (1)
Perennial. Herb, decumbent to procumbent. Length 0.2–1.5 m. Alt 460–1570 m. LIM, M, S, KZN, EC

rotundifolius (Poir.) J.K.Morton
Coleus dysentericus Baker (1)
Coleus rotundifolius (Poir.) A.Chev. & Perrot (1)
Germanea rotundifolia Poir. (1)
Perennial. Herb, erect to decumbent, succulent. Length 0.3–0.6 m. LIM, S, KZN

STACHYS L. 7281000

(1) Codd. 1985. *FSA* 28,4: 51–78.
(2) Codd. 1986. *Bothalia* 16: 51–53.
(3) Retief & Herman. 1997. *Strelitzia* 6: 503, 504.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 532, 533.

aethiopica L.
S. aethiopica L. var. *glandulifera* Skan (1)
S. aethiopica L. var. *hispidissima* Benth. (1)
S. aethiopica L. var. *parviflora* Skan (1)
S. attenuata Skan (1)
S. capensis C.Presl (1)
S. fruticetorum Briq. (1)
S. harveyi Skan (1)
S. hispidula Hochst. (1)
S. serrulata Burch. ex Benth. (1)
Perennial. Herb, erect or decumbent. Length ± 0.5 m. Alt 5–2438 m. LIM, M, NC, WC, EC

aethiopica L. var. *glandulifera* Skan = **S. aethiopica**

aethiopica L. var. *hispidissima* Benth. = **S. aethiopica**

aethiopica L. var. *parviflora* Skan = **S. aethiopica**

aethiopica L. var. *tenella* Kuntze = **S. cymbalaria**

albiflora N.E.Br.
Perennial. Herb. Ht 0.6–1.3 m. Alt 1800–2400 m. FS, KZN

arachnoidea Codd
Perennial. Herb, procumbent. Length up to 1 m. Alt 1600–2000 m. LIM, M, S

***arvensis** L.
Annual. Herb. Ht 0.2–0.4 m. Alt 90–220 m. EC

attenuata Skan = **S. aethiopica**

aurea Benth.
S. hantamensis Vatke (1)
S. integrifolia Vahl ex Benth. (1)
S. teres Skan (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 910–1600 m. NC, WC

bachmannii Gürke = **S. sessilifolia**

bolusii Skan
Perennial. Herb. Ht up to 0.45 m. Alt 244–457 m. WC

burchelliana Launert
S. burchellii Benth. (1)
Annual. Shrub. Ht 0.4–1.2 m. Alt 900–1465 m. N, NC

burchellii Benth. = **S. burchelliana**

caffra E.Mey. ex Benth.
Perennial. Shrub. Ht 1–3 m. Alt 30–1830 m. LIM, G, M, FS, KZN, EC

capensis C.Presl = **S. aethiopica**

chrysotrichos Gürke = **S. simplex**

comosa Codd
Perennial. Herb. Ht 0.25–0.4 m. Alt 420–450 m. KZN, EC

cooperi Skan = **S. graciliflora**

crenulata Briq. = **S. rugosa**

cuneata Banks ex Benth.
Perennial. Shrub. Ht 0.6–1 m. Alt 667–1650 m. NC, WC

cymbalaria Briq.
S. aethiopica L. var. *tenella* Kuntze (1)
S. cymbalaria Briq. var. *alba* Skan (1)
Perennial. Herb, procumbent. Length ± 0.3 m. Alt 900–2200 m. KZN, EC

cymbalaria Briq. var. *alba* Skan = **S. cymbalaria**

dinteri Launert
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 180–1700 m. N

dolichodeira Briq. = **S. tubulosa**

dregeana Benth.
S. dregeana Benth. var. *lasiocalyx* (Schltr.) Skan (1)
S. dregeana Benth. var. *tenuior* Skan (1)
S. rugosa Aiton var. *foliosa* (Benth.) Skan (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 213–2895 m. FS, KZN, L, EC

dregeana Benth. var. *lasiocalyx* (Schltr.) Skan = **S. dregeana**

dregeana Benth. var. *tenuior* Skan = **S. dregeana**

erectiuscula Gürke
S. erectiuscula Gürke var. *natalensis* Skan (1)
Perennial. Herb. Ht 0.25–0.5 m. Alt 1400–2000 m. M, KZN

erectiuscula Gürke var. *natalensis* Skan = **S. erectiuscula**

flavescens Benth.
S. gariepina Benth. (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 244–1160 m. NC, WC

flexuosa Skan
Perennial. Herb. Ht 0.15–0.25 m. Alt 1400–2300 m. KZN, EC

fruticetorum Briq. = **S. aethiopica**

galpinii Briq. = **S. natalensis** var. **galpinii**

gariepina Benth. = **S. flavescens**

graciliflora C.Presl
S. cooperi Skan (1)
Perennial. Herb, decumbent to procumbent. Length up to 0.4 m. Alt 5–2010 m. LIM, M, S, KZN, WC, EC

grandifolia E.Mey. ex Benth.
Perennial. Herb. Ht up to 1 m. Alt 371–2135 m. LIM, M, S, KZN, L, EC

hantamensis Vatke = **S. aurea**

harveyi Skan = **S. aethiopica**

hispida (Thunb.) Briq. = **S. thunbergii**

hispidula Hochst. = **S. aethiopica**

humifusa Burch. ex Benth.
S. subsessilis Burch. ex Benth. (1)
S. tenella Skan (1)
Perennial. Herb, procumbent. Ht up to 0.45 m. Alt 30–1525 m. KZN, EC

hyssopoides Burch. ex Benth.
Perennial. Herb. Ht 0.2–0.6 m. Alt 685–1800 m. LIM, NW, G, M, FS, KZN, L, NC, EC

integrifolia Vahl ex Benth. = **S. aurea**

karasmontana Dinter = **S. spathulata**

kuntzei Gürke
S. petrogenes Briq. (1)
Perennial. Herb. Ht 0.45–1 m. Alt 1300–1746 m. M, FS, KZN, L

lamarckii Benth.
S. nutans Benth. (1)
Perennial. Shrub. Ht 0.2–1 m. Alt 300–1600 m. N, NC

leptoclada Briq. = **S. natalensis** var. **natalensis**

linearis Burch. ex Benth.
S. recurva Gürke (1)
S. rugosa Aiton var. *linearis* (Burch. ex Benth.) Skan (1)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 700–1300 m. N, FS, NC, WC, EC

lupulina Briq. = **S. natalensis** var. **galpinii**

malacophylla Skan
Perennial. Herb, decumbent. Length up to 0.4 m. Alt 610–1950 m. EC

minima Gürke = **S. spathulata**

multiflora Benth. = **S. rugosa**

natalensis Hochst. var. **galpinii** (Briq.) Codd
S. galpinii Briq. (1)
S. lupulina Briq. (1)
S. parilis N.E.Br. (1)
S. villosissima H.M.L.Forbes (1)
Perennial. Herb. Ht 0.12–0.2 m. Alt 5–2175 m. LIM, G, M, S, KZN

natalensis Hochst. var. **natalensis**
S. leptoclada Briq. (1)
S. transvaalensis Gürke (1)
Perennial. Herb, decumbent. Length up to 0.5 m. Alt 30–2487 m. LIM, G, M, S, KZN

nigricans Benth.
Perennial. Herb. Ht 0.4–1.2 m. Alt 23–1981 m. LIM, M, S, KZN, EC

nutans Benth. = **S. lamarckii**

obtusifolia MacOwan
S. obtusifolia MacOwan var. *flanaganii* Skan (1)
Perennial. Herb. Ht 0.2–0.3 m. Alt 900–2200 m. EC

obtusifolia MacOwan var. *angustifolia* Skan = **S. tysonii**

obtusifolia MacOwan var. *flanaganii* Skan = **S. obtusifolia**

pachycalamna Briq. = **S. spathulata**

parilis N.E.Br. = **S. natalensis** var. **galpinii**

pascuicola Briq. = **S. simplex**

petrogenes Briq. = **S. kuntzei**

priorii Skan = **S. scabrida**

recurva Gürke = **S. linearis**

rehmannii Skan
Perennial. Herb, procumbent. Length up to 0.5 m. Alt 1556–2330 m. LIM

reticulata Codd
Perennial. Herb, decumbent to procumbent. Length up to 0.6 m. Alt 1400–2200 m. M

rivularis J.M.Wood & M.S.Evans
S. schlechteri Gürke (1)
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 1500 m. KZN

rudatisii Skan
Perennial. Herb, procumbent. Length ± 0.3 m. Alt 1400–2000 m. KZN, EC

rugosa Aiton
S. crenulata Briq. (1)
S. multiflora Benth. (1)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 180–2900 m. N, L, NC, WC, EC

rugosa Aiton var. *foliosa* (Benth.) Skan = **S. dregeana**

rugosa Aiton var. *linearis* (Burch. ex Benth.) Skan = **S. linearis**

scabrida Skan
S. priorii Skan (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 420–945 m. WC, EC

schlechteri Gürke = **S. rivularis**

serrulata Burch. ex Benth. = **S. aethiopica**

sessilifolia E.Mey. ex Benth.
S. bachmannii Gürke (1)
Perennial. Herb, decumbent. Length up to 0.7 m. Alt 1518–1660 m. KZN, EC

sessilis Gürke
Perennial. Herb. Ht 0.15–1 m. Alt 610–2590 m. M, FS, KZN, L, EC

simplex Schltr.
S. chrysotrichos Gürke (1)
S. pascuicola Briq. (1)
Perennial. Herb. Ht 0.2–0.4 m. Alt 1524–2650 m. M, S, FS, KZN

spathulata Burch. ex Benth.
S. karasmontana Dinter (1)
S. minima Gürke (1)
S. pachycalamna Briq. (1)
Perennial. Herb. Ht 0.07–0.3 m. Alt 35–1485 m. N, B, LIM, NW, FS, KZN, NC

steingroeveri Briq. = **Acrotome pallescens**

sublobata Skan
Perennial. Herb, erect or decumbent. Ht/Length 0.1–0.15 m/up to 0.3 m. Alt 183–1067 m. WC

subsessilis Burch. ex Benth. = **S. humifusa**

tenella Skan = **S. humifusa**

teres Skan = **S. aurea**

thunbergii Benth.
S. hispida (Thunb.) Briq. (1)
Perennial. Herb. Ht up to 2 m. Alt 120–950 m. WC, EC

transvaalensis Gürke = **S. natalensis** var. **natalensis**

tubulosa MacOwan
S. dolichodeira Briq. (1)

Perennial. Herb, straggling. Ht 0.1–0.2 m. Alt 420–1830 m. S, KZN, EC

tysonii Skan
S. obtusifolia MacOwan var. *angustifolia* Skan (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 2100–2590 m. FS, KZN, L, EC

villosissima H.M.L.Forbes = **S. natalensis** var. **galpinii**

zeyheri Skan
Perennial. Shrub. Ht ± 0.75 m. Alt 500–850 m. WC

SYNCOLOSTEMON E.Mey. ex Benth. 7359000

(1) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1252.
(2) Codd. 1985. *FSA* 28,4: 185–191.
(3) Codd. 1988. *Bothalia* 18: 92, 93.
(4) Retief & Herman. 1997. *Strelitzia* 6: 504.

argenteus N.E.Br.
Perennial. Shrub, herb. Ht 0.6–1.3 m. Alt 460–1065 m. KZN

comptonii Codd
Perennial. Shrub. Ht up to 1.6 m. Alt ± 914 m. S

concinnus N.E.Br.
Perennial. Herb. Ht up to 0.6 m. Alt 910–1950 m. M, S, FS, KZN

densiflorus Benth.
Perennial. Shrub. Ht 1–2.2 m. Alt 15–1425 m. KZN, EC

eriocephalus I.Verd.
Perennial. Shrub. Ht 0.6–2 m. Alt 1600–2135 m. LIM, M, S

lanceolatus Gürke var. *cooperi* (Briq.) N.E.Br. = **S. parviflorus** var. **lanceolatus**

lanceolatus Gürke var. *grandiflorus* N.E.Br. = **S. parviflorus** var. **lanceolatus**

lanceolatus Gürke var. *lanceolatus* = **S. parviflorus** var. **lanceolatus**

latidens (N.E.Br.) Codd
Hemizygia latidens (N.E.Br.) M.Ashby (2)
Orthosiphon latidens N.E.Br. (2)
Perennial. Shrub. Ht 1–1.5 m. Alt ± 915 m. KZN

macranthus (Gürke) M.Ashby
Orthosiphon macranthus Gürke (2)
Perennial. Shrub. Ht 1–2.5 m. Alt 1570–2102 m. FS, KZN

macrophyllus Gürke = **Hemizygia macrophylla**

parviflorus E.Mey. ex Benth. var. *dissitiflorus* (Benth.) N.E.Br. = **S. parviflorus** var. **parviflorus**

parviflorus E.Mey. ex Benth. var. **lanceolatus** (Gürke) Codd
S. lanceolatus Gürke var. *cooperi* (Briq.) N.E.Br. (2)
S. lanceolatus Gürke var. *grandiflorus* N.E.Br. (2)
S. lanceolatus Gürke var. *lanceolatus* (2)
Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 610–1450 m. KZN, EC

parviflorus E.Mey. ex Benth. var. **parviflorus**
S. parviflorus E.Mey. ex Benth. var. *dissitiflorus* (Benth.) N.E.Br. (2)
Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 90–2010 m. M, S, KZN, EC

ramulosus E.Mey. ex Benth.
Perennial. Shrub. Ht 0.6–1.2 m. Alt ± 100 m. KZN, EC

rotundifolius E.Mey. ex Benth.
Perennial. Shrub. Ht 0.6–2 m. Alt 60–610 m. KZN, EC

TETRADENIA Benth. 7339000

(1) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 767.
(2) Codd. 1985. *FSA* 28,4: 113–116.
(3) Codd. 1987. *The Flowering Plants of Africa* 49: t. 1949.
(4) Retief & Herman. 1997. *Strelitzia* 6: 504, 505.
(5) Van Jaarsveld & Van Wyk. 2003. *Bothalia* 33: 107, 108.

barberae (N.E.Br.) Codd
Iboza barberae N.E.Br. (2, 3)
Perennial. Shrub, succulent. Ht 0.6–1 m. Alt 320–450 m. EC

brevispicata (N.E.Br.) Codd
Iboza brevispicata N.E.Br. (2, 3)
Perennial. Tree, shrub, succulent. Ht 0.6–3 m. Alt 300–1800 m. LIM, NW, G, M

kaokoensis Van Jaarsv. & A.E.van Wyk
Perennial. Shrub. Ht up to 0.6 m. Alt ± 2000 m. N

riparia (Hochst.) Codd
Iboza bainesii N.E.Br. (2, 3)
Iboza galpinii N.E.Br. (2, 3)
Iboza riparia (Hochst.) N.E.Br. (2, 3)
Moschosma riparium Hochst. (2, 3)
Perennial. Tree, shrub, succulent. Ht 1–3 m. Alt 30–1850 m. N, B, LIM, G, M, S, KZN

TEUCRIUM L. 7212000

(1) Codd. 1985. *FSA* 28,4: 8–11.
(2) Retief & Herman. 1997. *Strelitzia* 6: 505.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 533.

africanum Thunb.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–1465 m. WC, EC

capense Thunb. = **T. trifidum**

kraussii Codd
T. riparium Hochst. (1)
Perennial. Herb. Ht 0.5–1.1 m. Alt 50–1700 m. M, S, KZN, EC

riparium Hochst. = **T. kraussii**

trifidum Retz.
T. capense Thunb. (1)
Perennial. Herb. Ht 0.3–1.1 m. Alt 15–2025 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

THORNCROFTIA N.E.Br. 7367010

(1) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1073.
(2) Codd. 1964. *The Flowering Plants of Africa* 36: t. 1425.
(3) Codd. 1985. *FSA* 28,4: 237–239.
(4) Codd. 1986. *Bothalia* 16: 52, 53.
(5) Retief & Herman. 1997. *Strelitzia* 6: 505.

longiflora N.E.Br.
Perennial. Herb, succulent. Ht 0.3–0.6 m. Alt ± 1220 m. M, S

media Codd
Perennial. Shrub, succulent. Ht ± 0.6 m. Alt ± 600 m. LIM

succulenta (R.A.Dyer & E.A.Bruce) Codd
Plectranthus succulentus R.A.Dyer & E.A.Bruce (3)
Perennial. Shrub, herb, succulent. Ht 0.6–1.2 m. Alt ± 1636 m. LIM, M

thorncroftii (S.Moore) Codd
Plectranthus thorncroftii S.Moore (3)

Perennial. Herb, succulent. Ht 0.1–0.25 m. Alt ± 1525 m. M, S

THYMUS L. 7319000

biflorus Buch.-Ham. ex D.Don = **Satureja biflora**

TINNEA Kotschy & Peyr. 7213000

(1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 517.
(2) Codd. 1979. *The Flowering Plants Africa* 46: tt. 1813, 1814.
(3) Codd. 1985. *FSA* 28,4: 12–15.
(4) Retief & Herman. 1997. *Strelitzia* 6: 505.

barbata Vollesen
Perennial. Shrub. Ht up to 4 m. Alt 884–1100 m. M, S, KZN

dinteri Gürke ex Dinter = **T. rhodesiana**

eriocalyx Welw.
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 1100–1250 m. N, B

galpinii Briq.
Perennial. Herb. Ht 0.15–0.6 m. Alt 180–1950 m. G, M, S, KZN, EC

juttae Dinter = **T. rhodesiana**

rehmannii Schinz = **T. rhodesiana**

rhodesiana S.Moore
T. dinteri Gürke ex Dinter (3)
T. juttae Dinter (3)
T. rehmannii Schinz (3)
Perennial. Shrub. Ht 0.6–2.25 m. Alt 333–1220 m. N, LIM, M

VITEX L. 7186000

(1) Pearson. 1901. *FC* 5: 180–226.
(2) Merxmüller. 1967. *FSWA* 122: 9, 10.
(3) Verdcourt. 1992. *FTEA* Verbenaceae: 50–68.
(4) Bredenkamp & Botha. 1993. *South African Journal of Botany* 59: 611–622.
(5) Bredenkamp & Botha. 1996. *Bothalia* 26: 141–151.
(6) Retief & Herman. 1997. *Strelitzia* 6: 644, 645.
(7) Sales. 2001. *Kew Bulletin* 56: 189–207.

amboniensis Gürke = **V. ferruginea**

angolensis Gürke
Perennial. Shrub. Ht ± 1.5 m. Alt ± 900 m. N

ferruginea Schumach. & Thonn.
V. amboniensis Gürke (7)
V. ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amaniensis* (W.Piep.) Verdc. (7)
V. ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amboniensis* (7)
Perennial. Shrub. Ht 2.5–3 m. Alt 33–1000 m. LIM, M, S, KZN

ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amaniensis* (W.Piep.) Verdc. = **V. ferruginea**

ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amboniensis* = **V. ferruginea**

flavescens Rolfe = **V. mombassae**

geminata H.Pearson = **V. harveyana**

harveyana H.Pearson
V. geminata H.Pearson (1)
Perennial. Shrub. Ht 2–3 m. Alt 60–610 m. M, S, KZN, EC

mechowii Gürke = **V. mombassae**

mombassae Vatke
V. flavescens Rolfe (3)
V. mechowii Gürke (3)
Perennial. Shrub. Ht 2–3 m. Alt ± 975 m. B

mooiensis H.Pearson = **Premna mooiensis**

obovata subsp. **obovata**
V. reflexa H.Pearson (4)
V. wilmsii Gürke var. *reflexa* (H.Pearson) W.Piep. (4)
Perennial. Tree. Ht 3–4 m. Alt 550–1370 m. LIM, M, S, KZN, EC

obovata E.Mey. subsp. **wilmsii** (Gürke) C.L.Bredenkamp & D.J.Botha
V. wilmsii Gürke var. *wilmsii* (4)
Perennial. Tree. Ht 3–4 m. Alt? LIM, G, M, S

patula E.A.Bruce
Perennial. Shrub. Ht 2.5–4 m. Alt 720–914 m. LIM, KZN

pooara Corbishley
Perennial. Tree. Ht up to 5 m. Alt 318–1600 m. LIM, NW, G

reflexa H.Pearson = **V. obovata** subsp. **obovata**

rehmannii Gürke
Perennial. Tree. Ht 2–3 m. Alt 60–1646 m. LIM, NW, G, M, S, KZN

wilmsii Gürke var. *reflexa* (H.Pearson) W.Piep. = **V. obovata** subsp. **obovata**

wilmsii Gürke var. *wilmsii* = **V. obovata** subsp. **wilmsii**

zeyheri Sond.
Perennial. Tree. Ht 3–4 m. Alt 1050–1600 m. B, NW, G

LAURACEAE

Compiled by M. Jordaan

BEILSCHMIEDIA Nees 2801000

natalensis J.H.Ross = **Dahlgrenodendron natalense**

CASSYTHA L. 2825000

(1) Stapf. 1912. *FC* 5,1: 500–502.
(2) Verdcourt. 1996. *FTEA* Lauraceae: 14–18.
(3) Diniz. 1997. *FZ* 9,2: 46–49.

ciliolata Nees
Perennial. Twining herb, parasite. Ht variable. Alt 30–1000 m. NC, WC, EC

***filiformis** L.
Perennial. Twining herb, parasite. Ht variable. Alt 5–1600 m. N, B, LIM, M, S, KZN, EC

pondoensis Engl. var. **pondoensis**
Perennial. Twining herb, parasite. Ht variable. Alt 0–850 m. KZN, EC

CRYPTOCARYA R.Br. 2813000

(1) Burtt Davy. 1922. *Kew Bulletin* 1922: 33.
(2) Kostermans. 1938. *Bulletin du Jardin Botanique de l'État Bruxelles* 15: 73–108.
(3) Diniz. 1996. *Kirkia* 16: 60–63.
(4) Diniz. 1997. *FZ* 9,2: 49–53.

acuminata Sim = **C. woodii**

angustifolia E.Mey. ex Meisn.
Perennial. Tree or shrub. Ht 2–5 m. Alt 100–900 m. WC

latifolia Sond.
Perennial. Tree. Ht 2–18 m. Alt 30–1035 m. KZN, EC

liebertiana Engl.
C. siebertiana Burtt Davy (2)
Perennial. Tree. Ht 2–22 m. Alt 10–400 m. KZN

liebertiana in sense of Kostermans in part = **C. transvaalensis**

myrtifolia Stapf
C. vacciniifolia Stapf (2)
Perennial. Tree. Ht 3–20 m. Alt 10–1500 m. KZN, EC

siebertiana Burtt Davy = **C. liebertiana**

sutherlandii Stapf = **C. wyliei**

transvaalensis Burtt Davy
C. liebertiana in sense of Kostermans in part (3)
Perennial. Tree. Ht 5–15 m. Alt 900–1700 m. LIM, M, S

vacciniifolia Stapf = **C. myrtifolia**

woodii Engl.
C. acuminata Sim (2)
Perennial. Tree. Ht 2–24 m. Alt 10–1740 m. M, S, KZN, EC

wyliei Stapf
C. sutherlandii Stapf (2)
Perennial. Tree or shrub. Ht 1–12 m. Alt 90–1350 m. KZN, EC

DAHLGRENODENDRON J.J.M.van der Merwe & A.E.van Wyk 2813010

(1) Ross. 1973. *Bothalia* 11: 118.
(2) Van der Merwe *et al.* 1988. *South African Journal of Botany* 54: 80–88.

natalense (J.H.Ross) J.J.M.van der Merwe & A.E.van Wyk
Beilschmiedia natalensis J.H.Ross (2)
Perennial. Tree. Ht 3–15 m. Alt 0–300 m. KZN, EC

*LITSEA Lam. 2798000

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 172.
(2) Kostermans. 1957. *Reinwardtia* 4,2: 240, 241.

sebifera Pers.
Perennial. Tree. Ht 2–10 m. Alt 0–300 m. KZN

OCOTEA Aubl. 2788000

(1) Rohwer. 1986. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 20: 1–278.
(2) Verdcourt. 1996. *FTEA* Lauraceae: 9–14.
(3) Diniz. 1997. *FZ* 9,2: 56–59.

bullata (Burch.) Baill.
Perennial. Tree. Ht 4–30 m. Alt 30–1435 m. LIM, M, KZN, L, WC, EC

kenyensis (Chiov.) Robyns & R.Wilczek
O. viridis Kosterm. (1)
Perennial. Tree. Ht 3–20 m. Alt 30–1700 m. LIM, M, KZN, EC

viridis Kosterm. = **O. kenyensis**

LECYTHIDACEAE

Compiled by C.L. Bredenkamp

BARRINGTONIA J.R.Forst. & G.Forst. 5506000

(1) Strey. 1976. *The Flowering Plants of Africa* 43: t. 1706.
(2) Fernandes. 1978. *FZ* 4: 216–218.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 149.
(4) Tsou. 1994. *Memoirs of the New York Botanical Garden* 71: 1–110.

racemosa (L.) Roxb.
Perennial. Tree (mangrove), shrub. Ht 2–20 m. Alt 45–90 m. KZN

LENTIBULARIACEAE

Compiled by S.J. Smithies

BUCRANION Raf. 7901010

capense (Spreng.) Raf. = **Utricularia bisquamata**

CALPIDISCA Barnhart 7901020

capensis (Spreng.) Barnhart = **Utricularia bisquamata**

GENLISEA A.St.-Hil. 7899000

(1) Kamieński. 1902. *Botanische Jahrbücher* 33: 92, 93.
(2) Stapf. 1904. *FC* 4,2: 436, 437.
(3) Taylor. 1973. *FTEA* Lentibulariaceae: 23–26.
(4) Taylor. 1988. *FZ* 8,3: 38–42.
(5) Taylor. 1991 *Carnivorous Plant Newsletter* 20: 20–35.

africana Oliv. in part; Kamieński (1902) in part = **G. hispidula**

hispidula Stapf
G. africana Oliv. in part; Kamieński (1902) in part (2)
G. hispidula Stapf subsp. *hispidula* P.Taylor (4)
Annual or perennial? Herb, terrestrial or affixed aquatic, inflorescence emergent, carnivore. Ht 0.08–0.3 m. Alt 6–1980 m. LIM, G, M, S, KZN, EC

hispidula Stapf subsp. *hispidula* P.Taylor = **G. hispidula**

UTRICULARIA L. 7901000

(1) Kamieński. 1902. *Botanische Jahrbücher* 33: 92–113.
(2) Stapf. 1904. *FC* 4,2: 423–436.
(3) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 515.
(4) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 700.
(5) Taylor. 1964. *Kew Bulletin* 18: 1–245.
(6) Schreiber. 1968. *FSWA* 133: 1–4.
(7) Taylor. 1973. *FTEA* Lentibulariaceae: 1–23.
(8) Taylor. 1986. *Kew Bulletin* 41: 1–18.
(9) Taylor. 1988. *FZ* 8,3: 9–38.
(10) Taylor. 1989. *Kew Bulletin Additional Series* 14: ix–720.

Note: depending on water levels, terrestrial species sometimes grow in water, appearing aquatic. In any case, all *Utricularia* plants live under moist conditions. Most heights were obtained by measuring inflorescences, normally held erect. In aquatic forms, some part of the peduncle would be submerged.

arenaria A.DC.
U. exilis Oliv. (6)
U. exilis Oliv. var. *hirsuta* Kamieński. (6)
U. kirkii Stapf (6)
U. monophylla Dinter (10)
Annual. Herb, terrestrial, helophyte/tenagophyte, carnivore. Ht 0.02–0.11 m. Alt 2–1440 m. N, B, LIM, G, M, S, FS, KZN, L

australis R.Br
U. stellaris in sense of Wager (1928), not of L.f. (10)
U. vulgaris in sense of P.Taylor (1964) in part, not of L. (10)
Perennial. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.025–± 0.2 m. Alt 4–± 1830 m. M, FS, KZN

benjaminiana Oliv.
U. gilletii De Wild. & T.Durand (6)
Perennial. Herb, suspended or ± affixed aquatic, inflorescence emergent, carnivore. Ht 0.02–± 0.05 m. Alt 6–940 m. N, B, KZN

bisquamata Schrank
Antirrhinum aphyllum L.f. (10)
Bucranion capense (Spreng.) Raf. (10)
Calpidisca capensis (Spreng.) Barnhart (10)
Linaria aphylla (L.f.) Spreng. (10)
U. brachyceras Schltr. (10)
U. capensis Spreng. (8)
U. capensis Spreng. var. *brevicalcarata* Oliv. (10)
U. capensis Spreng. var. *elatior* Kamieński. (10)
U. delicata Kamieński. (10)
U. ecklonii Spreng. (10)
U. exilis in sense of Kamieński (1902) in part, not of Oliv. (10)
U. exilis Oliv. var. *arenaria* (A.DC.) Kamieński in part (10)
U. exilis Oliv. var. *ecklonii* (Spreng.) Kamieński in part (10)
U. exilis Oliv. var. *elatior* Kamieński (10)
U. exilis Oliv. var. *minor* Kamieński (10)
U. lehmannii Benj. (10)
U. rehmannii Kamieński (10)
U. schinzii Kamieński (10)
U. sprengelii Kamieński (10)
U. sprengelii Kamieński var. *acuticeras* Kamieński (10)
U. strumosa Sol. ex Stapf as syn. (10)
Annual. Herb, terrestrial, or lithophyte, carnivore. Ht 0.02–0.18 m. Alt ± 5–2450 m. N, LIM, G, M, KZN, L, NC, WC, EC

brachyceras Schltr. = **U. bisquamata**

capensis Spreng. = **U. bisquamata**

capensis Spreng. var. *brevicalcarata* Oliv. = **U. bisquamata**

capensis Spreng. var. *elatior* Kamieński = **U. bisquamata**

cymbantha Oliv.
Annual. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.01–0.02 m. Alt ± 900–± 1800 m. B, LIM?, M

delicata Kamieński = **U. bisquamata**

diploglossa Welw. ex Oliv. = **U. reflexa**

dregei Kamieński = **U. livida**

dregei Kamieński var. *stricta* Kamieński = **U. livida**

ecklonii Spreng. = **U. bisquamata**

elevata Kamieński = **U. livida**

elevata Kamieński var. *macowanii* Kamieński = **U. livida**

engleri Kamieński = **U. livida**

exilis in sense of Kamieński (1902) in part, not of Oliv. = **U. bisquamata**

exilis Oliv. = **U. arenaria**

exilis Oliv. var. *arenaria* (A.DC.) Kamieński in part = **U. bisquamata**

exilis Oliv. var. *ecklonii* (Spreng.) Kamieński in part = **U. bisquamata**

exilis Oliv. var. *elatior* Kamieński = **U. bisquamata**

exilis Oliv. var. *hirsuta* Kamieński = **U. arenaria**

exilis Oliv. var. *minor* Kamieński = **U. bisquamata**

exoleta R.Br. = **U. gibba**

firmula Welw. ex Oliv.
Annual. Herb, terrestrial, lithophyte, carnivore. Ht 0.04–± 0.28 m. Alt 1–35 m at least. 'Tvl', KZN

foliosa in sense of Kamieński (1902) in part; Stapf (1904) in part, not of L. = **U. stellaris**

foliosa L.
Perennial? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.03–0.52 m at least. Alt 0–± 1000 m. N, B, KZN

gibba L.
U. exoleta R.Br. (9)
U. gibba L. subsp. *exoleta* (R.Br.) P.Taylor (9)
Annual or perennial. Herb, affixed or suspended aquatic, inflorescence emergent or occ. not, carnivore. Ht 0.02–0.12 m. Alt 1–1525 m. N, B, LIM, NW, G, M, FS, KZN, L?, NC, EC

gibba L. subsp. *exoleta* (R.Br.) P.Taylor = **U. gibba**

gibbsiae Stapf = **U. scandens**

gilletii De Wild. & T.Durand = **U. benjaminiana**

grandivesiculosa Czech = **U. reflexa**

humilis Phillips = **U. livida**

inflexa Forssk.
U. inflexa Forssk. var. *inflexa* P.Taylor (10)
Perennial? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.05–0.12 m. Alt 2–1000 m. N, B, KZN

inflexa Forssk. var. *inflexa* P.Taylor = **U. inflexa**

inflexa Forssk. var. *stellaris* (L.f.) P.Taylor in part = **U. stellaris**

kirkii Stapf = **U. arenaria**

lehmannii Benj. = **U. bisquamata**

livida E.Mey.
U. dregei Kamieński (5)
U. dregei Kamieński var. *stricta* Kamieński (5)
U. elevata Kamieński (5)
U. elevata Kamieński var. *macowanii* Kamieński (5)
U. engleri Kamieński (5)
U. humilis Phillips (5)
U. livida E.Mey. var. *engleri* (Kamieński) Stapf (5)
U. livida E.Mey. var. *micrantha* Kamieński (5)
U. livida E.Mey. var. *pauciflora* Kamieński (5)

U. longecalcarata Benj. (5)
U. sanguinea Oliv. (5)
U. sanguinea Oliv. var. *minor* Kamieński (5)
U. transrugosa Stapf (5)
U. tribracteata in sense of Kamieński (1902) in part; Stapf (1904) among others, not of Hochst. ex A.Rich. (5)
Annual or perennial. Herb, terrestrial, carnivore. Ht 0.02–0.47 m. Alt 8–± 2450 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

livida E.Mey. var. *engleri* (Kamieński) Stapf = **U. livida**

livida E.Mey. var. *micrantha* Kamieński = **U. livida**

livida E.Mey. var. *pauciflora* Kamieński = **U. livida**

longecalcarata Benj. = **U. livida**

monophylla Dinter = **U. arenaria**

prehensilis E.Mey.
U. prehensilis E.Mey. var. *hians* (A.DC.) Kamieński (10)
Perennial? Herb, terrestrial, carnivore. Ht 0.05–0.4 m. Alt 0–2200 m. LIM, G, M, S, KZN, EC

prehensilis E.Mey. var. *hians* (A.DC.) Kamieński = **U. prehensilis**

reflexa Oliv.
U. diploglossa Welw. ex Oliv. (10)
U. grandivesiculosa Czech (10)
U. reflexa Oliv. var. *reflexa* P.Taylor in part (10)
Annual, occ. perennial. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.05–0.12 m. Alt 4–± 915 m. N, B, LIM, KZN

reflexa Oliv. var. *reflexa* P.Taylor in part = **U. reflexa**

rehmannii Kamieński = **U. bisquamata**

sandersonii Oliv.
U. sandersonii Oliv. var. *treubii* (Kamieński) Kamieński (10)
U. treubii Kamieński (5)
Perennial. Herb, terrestrial and lithophyte, carnivore. Ht 0.02–0.07 m. Alt ± 20–± 1200 m. KZN, EC

sandersonii Oliv. var. *treubii* (Kamieński) Kamieński = **U. sandersonii**

sanguinea Oliv. = **U. livida**

sanguinea Oliv. var. *minor* Kamieński = **U. livida**

scandens Benj.
U. gibbsiae Stapf (5)
Annual? Herb, terrestrial, helophyte/tenagophyte, carnivore. Ht 0.02–0.09 m. Alt ± 900 m. B, M

schinzii Kamieński = **U. bisquamata**

spiralis Sm. var. *tortilis* (Welw. ex Oliv.) P.Taylor = **U. tortilis**

sprengelii Kamieński = **U. bisquamata**

sprengelii Kamieński var. *acuticeras* Kamieński = **U. bisquamata**

stellaris in sense of Wager (1928), not of L.f. = **U. australis**

stellaris L.f.
U. foliosa in sense of Kamieński (1902) in part; Stapf (1904) in part, not of L. (10)
U. inflexa Forssk. var. *stellaris* (L.f.) P.Taylor in part (10)
U. stellaris L.f. var. *breviscapa* Kamieński (10)
U. stellaris L.f. var. *dilatata* Kamieński (10)
U. stellaris L.f. var. *filiformis* Kamieński (10)
Perennial, occ. annual? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.03–0.3 m. Alt 1–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

stellaris L.f. var. *breviscapa* Kamieński = **U. stellaris**

stellaris L.f. var. *dilatata* Kamieński = **U. stellaris**

stellaris L.f. var. *filiformis* Kamieński = **U. stellaris**

strumosa Sol. ex Stapf as syn. = **U. bisquamata**

subulata L.
U. subulata L. var. *inaequalis* in sense of Kamieński (1902), not of A.DC. (10)
Annual. Herb, terrestrial, helophyte/tenagophyte/hyperhydate, carnivore. Ht 0.02–0.05 m. Alt 1–± 1500 m. N, B, LIM, G, M, KZN, EC

subulata L. var. *inaequalis* in sense of Kamieński (1902), not of A.DC. = **U. subulata**

tortilis Welw. ex Oliv.
U. spiralis Sm. var. *tortilis* (Welw. ex Oliv.) P.Taylor (5)
Annual. Herb, terrestrial, carnivore. Ht 0.05–0.4 m. Alt ± 900 m. N, B

transrugosa Stapf = **U. livida**

treubii Kamieński = **U. sandersonii**

tribracteata in sense of Kamieński (1902) in part; Stapf (1904) in part, among others, not of Hochst. ex A.Rich. = **U. livida**

vulgaris in sense of P.Taylor (1964) in part, not of L. = **U. australis**

welwitschii Oliv.
Perennial? Herb, terrestrial, carnivore. Ht 0.05–0.3 m. Alt ± 1219–1690 m. LIM, NW, G

LINACEAE

Compiled by C.L. Bredenkamp

HUGONIA L. 3947000

(1) Robson. 1963. *FZ* 2: 91–96.
(2) Robson & Gonçalves. 1969. *Flora de Moçambique* 29: 4–7.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 198, 199.

busseana Engl. = **H. orientalis**

orientalis Engl.
H. busseana Engl. (2)
H. swynnertonii De Wild. (1)
Perennial. Tree, shrub. Ht 2.5–4 m. Alt up to 490 m. LIM

swynnertonii De Wild. = **H. orientalis**

LINUM L. 3945000

(1) Robson. 1963. *FZ* 2: 96–99.
(1) Rogers. 1981. *Nordic Journal of Botany* 1: 711–722.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 199.

acuticarpum C.M.Rogers
Perennial. Herb. Ht 0.1–0.35 m. Alt up to 1000 m. WC

adustum E.Mey. ex Planch.
Perennial. Herb. Ht 0.25–0.5 m. Alt? WC

aethiopicum Thunb.
Perennial. Dwarf shrub, herb. Ht 0.3–0.91 m. Alt 5–765 m. WC, EC

africanum L.
Perennial. Herb. Ht 0.2–0.53 m. Alt 21–1524 m. WC, EC

brevistylum C.M.Rogers
Perennial. Herb. Ht 0.1–0.4 m. Alt up to 61 m. WC

comptonii C.M.Rogers
Perennial. Herb. Ht 0.3–0.5 m. Alt? WC

esterhuyseniae C.M.Rogers
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt up to 1450 m. WC, EC

gracile Planch.
Perennial. Herb. Ht 0.15–0.65 m. Alt? WC

heterostylum C.M.Rogers
Perennial. Herb. Ht 0.3–0.5 m. Alt up to 350 m. WC

pungens Planch.
Perennial. Herb. Ht 0.25–0.7 m. Alt up to 700 m. WC

quadrifolium L.
Perennial. Herb. Ht 0.3–0.75 m. Alt 155–700 m. WC, EC

thesioides Bartl.
Perennial. Herb. Ht 0.15–0.5 m. Alt 30–1405 m. WC, EC

thunbergii Eckl. & Zeyh.
Perennial. Herb. Ht 0.15–1 m. Alt 2–2440 m. LIM, NW, G, M, S, FS, KZN, WC, EC

villosum C.M.Rogers
Perennial. Herb. Ht 0.25–0.5 m. Alt up to 800 m. WC

LOASACEAE

Compiled by C.L. Bredenkamp

KISSENIA R.Br. ex Endl. 5388000

(1) Codd. 1976. *FSA* 22: 134–136.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 149.

capensis Endl.
Perennial. Dwarf shrub. Ht 0.3–1.52 m. Alt 350–1400 m. N, NC

LOBELIACEAE

Compiled by P.B. Phillipson & E.B. Knox

CYPHIA P.J.Bergius 8681000

(1) Phillips. 1917. *Annals of the South African Museum* 9: 449–474.
(2) Wimmer. 1968. *Das Pflanzenreich* 108: 935–1014.
(3) Thulin. 1978. *Botaniska Notiser* 131: 455–471.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 388, 389.
(5) Phillipson 2003. http://www.mobot.org/phillipson/campan/cyphn1.htm

alba N.E.Br.
Perennial. Herb. Ht 0.15–0.3 m. Alt 1400–2100 m. M, KZN

alicedalensis E.Wimm.
Perennial. Herb, climber. Ht? Alt ± 700 m. EC

angustifolia [C.Presl ex] Eckl. & Zeyh.
Perennial. Herb, climber. Ht up to 0.3 m. Alt 60–900 m. EC

angustiloba [C.Presl ex] Eckl. & Zeyh.
C. volubilis (Burm.f.) Willd. var. *longipes* E.Wimm. (5)
Perennial. Herb, climber. Ht? Alt 300–600 m. WC

aspergilloides E.Wimm. var. **aspergilloides**
Perennial. Herb, climber. Ht? Alt 1800–2100 m. KZN

aspergilloides E.Wimm. var. **brevipes** E.Wimm.
Perennial. Herb, climber. Ht? Alt 600–1800 m. FS, KZN

assimilis Sond.
Perennial. Herb, climber. Ht 0.2–0.6 m. Alt 600–1400 m. EC

assimilis Sond. var. *latifolia* E.Phillips = **C. phillipsii**

basiloba E.Wimm.
Perennial. Herb, climber. Ht 0.6–1.5 m. Alt 10–675 m. EC

bechuanensis Bremek. & Oberm. = **C. stenopetala**

belfastica E.Wimm.
Perennial. Herb. Ht up to 0.8 m. Alt ± 1600 m. M

bolusii E.Phillips
Perennial. Herb. Ht up to 0.45 m. Alt 750–1700 m. M, S, KZN

bulbosa (L.) P.J.Bergius var. **bulbosa**
C. kerastes E.Wimm. (4, 5)
Lobelia bulbosa L. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 25–1160 m. WC

bulbosa (L.) P.J.Bergius var. **acocksii** E.Wimm.
C. stephensii E.Wimm. (4, 5)
Perennial. Herb. Ht 0.1–0.3 m. Alt 325–1400 m. WC

bulbosa (L.) P.J.Bergius var. **hafstroemii** E.Wimm.
Perennial. Herb. Ht 0.1–0.3 m. Alt 100–850 m. WC

bulbosa (L.) P.J.Bergius var. **leiandra** E.Wimm.
Perennial. Herb. Ht 0.1–0.3 m. Alt ± 1300 m. WC

bulbosa (L.) P.J.Bergius var. *orientalis* E.Phillips = **C. linarioides**

campestris C.Presl var. **campestris**
Perennial. Herb. Ht? Alt ± 150 m. WC

campestris C.Presl var. **nudiuscula** E.Wimm.
Perennial. Herb. Ht? Alt ± 660 m. WC, EC

cardamines (Thunb.) Willd. = **C. incisa** var. **cardamines**

comptonii Bond

Perennial. Herb. Ht ± 0.16 m. Alt 340–460 m. WC

corylifolia Harv.
Perennial. Herb, climber. Ht? Alt ± 1800 m. KZN

crenata (Thunb.) C.Presl var. **angustifolia** E.Wimm.
Perennial. Herb, climber. Ht up to 0.3 m. Alt ± 1000 m. NC

crenata (Thunb.) C.Presl var. **crenata**
C. crenata (Thunb.) C.Presl var. *smithiae* (L.Bolus) E.Wimm. (2)
Lobelia crenata Thunb. (2)
Perennial. Herb, climber. Ht? Alt 10–120 m. NC, WC

crenata (Thunb.) C.Presl var. *smithiae* (L.Bolus) E.Wimm. = **C. crenata** var. **crenata**

deltoidea E.Wimm.
Perennial. Herb, climber. Ht? Alt ±1300 m. M, KZN

dentariifolia C.Presl var. **dentariifolia**
Perennial. Herb, climber. Ht? Alt 160–420 m. WC

dentariifolia C.Presl var. **luttigii** E.Wimm.
Perennial. Herb, climber. Ht? Alt ± 700 m. WC

dentariifolia C.Presl var. **psilandra** E.Wimm.
Perennial. Herb, climber. Ht? Alt? WC

dentata E.Wimm.
Perennial. Herb, climber. Ht? Alt 480–1000 m. WC

digitata (Thunb.) Willd. subsp. **digitata**
C. digitata (Thunb.) Willd. var. *tomentosa* (C.Presl in E.Mey.) Sond. (5)
C. digitata (Thunb.) Willd. var. *trimera* E.Wimm. (5)
Lobelia digitata Thunb. (2)
Perennial. Herb, climber. Ht? Alt 100–1000 m. WC

digitata (Thunb.) Willd. subsp. **gracilis** E.Wimm.
Perennial. Herb, climber. Ht 0.3–1.5 m. Alt ± 630 m. WC, EC

digitata (Thunb.) Willd. var. *tomentosa* (C.Presl in E.Mey.) Sond. = **C. digitata** subsp. **digitata**

digitata (Thunb.) Willd. var. *trimera* E.Wimm. = **C. digitata** subsp. **digitata**

eckloniana [C.Presl ex] Eckl. & Zeyh.
C. zeyheriana [C.Presl ex] Eckl. & Zeyh. var. *eckloniana* ([C.Presl ex] Eckl. & Zeyh.) Sond. (5)
Perennial. Herb, climber. Ht? Alt 300–1220 m. WC

elata Harv. forma *decurrens* E.Wimm. = **C. elata** var. **gerrardii**

elata Harv. forma *depauperata* E.Wimm. = **C. revoluta**

elata Harv. forma *flanagana* E.Wimm. = **C. revoluta**

elata Harv. forma *latifolia* E.Wimm. = **C. elata** var. **globularis**

elata Harv. forma *thodeana* E.Wimm. = **C. elata** var. **gerrardii**

elata Harv. forma *truncata* E.Wimm. **C. elata** var. **glabra**

elata Harv. var. **elata**
Perennial. Herb. Ht 0.22–1 m. Alt 1500–2440 m. M, S, FS, KZN

elata Harv. var. **gerrardii** (Harv.) E.Wimm.
C. elata Harv. forma *decurrens* E.Wimm. (5)
C. elata Harv. forma *thodeana* E.Wimm. (5)
C. gerrardii Harv. (2)
C. wilmsiana Diels (2)
Perennial. Herb. Ht 0.8–2.13 m. Alt 300–2000 m. LIM, M, S, KZN

elata Harv. var. **glabra** Harv.
C. elata Harv. forma *truncata* E.Wimm. (5)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–800 m. KZN

elata Harv. var. **globularis** E.Wimm.
C. elata Harv. forma *latifolia* E.Wimm. (5)
Perennial. Herb. Ht 0.2–0.6 m. Alt 600–1600 m. M, KZN

elata Harv. var. *oblongifolia* (Sond. & Harv.) E.Phillips = **C. oblongifolia**

galpinii E.Wimm.
Perennial. Herb, climber. Ht 0.3–0.8 m. Alt 500–700 m. EC

georgica E.Wimm.
Perennial. Herb. Ht up to 0.3 m. Alt ± 200 m. WC

gerrardii Harv. = **C. elata** var. **gerrardii**

glabra E.Wimm.
Perennial. Herb, climber. Ht? Alt up to 1550 m. LIM

heterophylla [C.Presl ex] Eckl. & Zeyh.
Perennial. Herb, climber. Ht up to 2 m. Alt 0–150 m. WC

incisa (Thunb.) Willd. var. **bracteata** E.Phillips
Perennial. Herb. Ht up to 0.2 m. Alt 100–850 m. WC

incisa (Thunb.) Willd. var. **cardamines** (Thunb.) E.Phillips
C. cardamines (Thunb.) Willd. (1)
Lobelia cardamines Thunb. (1)
Perennial. Herb. Ht up to 0.5 m. Alt 30–915 m. WC

incisa (Thunb.) Willd. var. **incisa**
Lobelia incisa Thunb. (1)
Perennial. Herb. Ht up to 0.5 m. Alt ± 120 m. WC

incisa (Thunb.) Willd. var. **lyrata** E.Wimm.
Perennial. Herb. Ht up to 0.5 m. Alt 100–300 m. WC

incisa (Thunb.) Willd. var. **sinuata** E.Wimm
Perennial. Herb. Ht? Alt? WC

kerastes E.Wimm. = **C. bulbosa** var. **bulbosa**

latipetala [C.Presl in] Eckl. & Zeyh.
C. volubilis (Burm.f.) Willd. var. *latipetala* ([C.Presl ex] Eckl. & Zeyh.) E.Wimm. (5)
Perennial. Herb, climber. Ht up to 0.8 m. Alt ± 200 m. WC

linarioides [C.Presl ex] Eckl. & Zeyh..
C. bulbosa (L.) P.J.Bergius var. *orientalis* E.Phillips (5)
C. undulata Eckl. var. *linarioides* ([C.Presl ex] Eckl. &. Zeyh.) E.Wimm. (2)
Perennial. Herb. Ht up to 0.5 m. Alt 30–800 m. WC, EC

linarioides [C.Presl ex] Eckl. & Zeyh., in sense of E.Phillips in part = **C. persicifolia**

longiflora Schltr.
Perennial. Herb, climber. Ht ± 0.3 m. Alt 600–1030 m. NC, WC

longifolia N.E.Br.
C. longifolia N.E.Br. var. *baurii* E.Phillips (2)
Perennial. Herb. Ht 0.3–0.8 m. Alt 600–2075 m. KZN, EC

longifolia N.E.Br. var. *baurii* E.Phillips = **C. longifolia**

longilobata E.Phillips
Perennial. Herb, climber. Ht? Alt? WC

longipedicellata E.Wimm.
Perennial. Herb, climber. Ht? Alt? WC

longipetala C.Presl
C. volubilis (Burm.f.) Willd. var. *intermedia* E.Wimm. (5)

Perennial. Herb, climber. Ht? Alt 400–680 m. WC

maculosa E.Phillips
Perennial. Herb, climber. Ht? Alt up to 400 m. EC

natalensis E.Phillips
Perennial. Herb, climber. Ht up to 1.5 m. Alt 850–2100 m. KZN, EC

oblongifolia Sond. & Harv.
C. elata Harv. var. *oblongifolia* (Sond. & Harv.) E.Phillips (2)
Perennial. Herb. Ht 0.2–0.55 m. Alt 1250–2700 m. M, S, KZN

oligotricha Schltr.
Perennial. Herb. Ht ± 0.2 m. Alt 80–150 m. WC

pectinata E.Wimm.
Perennial. Herb. Ht 0.6–0.9 m. Alt 760–1370 m. S

persicifolia C.Presl in E.Mey.
C. linarioides ([C.Presl ex] Eckl. & Zeyh.), in sense of E.Phillips in part (2)
Perennial. Herb. Ht up to 0.5 m. Alt up to 900 m. EC

phillipsii E.Wimm.
C. assimilis Sond. var. *latifolia* E.Phillips (2)
Perennial. Herb. Ht up to 0.5 m. Alt 0–180 m. EC

phyteuma (L.) Willd. var. **ciliata** E.Wimm.
Perennial. Herb. Ht up to 0.4 m. Alt ± 120 m. WC

phyteuma (L.) Willd. var. **grandidentata** E.Wimm.
Perennial. Herb. Ht up to 0.4 m. Alt 150–230 m. WC

phyteuma (L.) Willd. var. **phyteuma**
Lobelia phyteuma L. (1)
Perennial. Herb. Ht up to 0.4 m. Alt 80–460 m. WC

psilostemon E.Wimm.
Perennial. Herb, climber. Ht? Alt 120–660 m. WC

ramosa E.Wimm.
Perennial. Herb. Ht ± 0.5 m. Alt 1350–2300 m. FS, KZN, L

ranunculifolia E.Wimm.
Perennial. Herb, climber. Ht up to 0.8 m. Alt 900–1000 m. WC

revoluta E.Wimm.
C. elata Harv. forma *depauperata* E.Wimm. (5)
C. elata Harv. forma *flanagana* E.Wimm. (5)
Perennial. Herb. Ht 0.3–0.8 m. Alt 300–1500 m. KZN, EC

rogersii S.Moore subsp. **rogersii**
Perennial. Herb, climber. Ht 0.5–1 m. Alt ± 1800 m. LIM, G, M, S

rogersii S.Moore subsp. **winteri** E.Wimm.
Perennial. Herb, climber. Ht 0.3–0.7 m. Alt 800–2200 m. KZN, EC

salicifolia C.Presl = **C. sylvatica** var. **salicifolia**

salteri E.Wimm.
Perennial. Herb, climber. Ht ± 0.5 m. Alt 900–2179 m. WC

schlechteri E.Phillips
Perennial. Herb, climber. Ht? Alt 120–235 m. NC, WC

smutsii E.Wimm.
Perennial. Herb. Ht up to 0.5 m. Alt 1600–1900 m. M

stenodonta E.Wimm.
Perennial. Herb. Ht up to 0.5 m. Alt ± 1200 m. G

stenopetala Diels
C. bechuanensis Bremek. & Oberm. (3)
C. stenopetala Diels var. *johannesburgensis* E.Wimm. (3)
Perennial. Herb, climber. Ht 0.3–1 m. Alt ± 2042 m. B, LIM, NW, G, M, FS, NC

stenopetala Diels var. *johannesburgensis* E.Wimm. = **C. stenopetala**

stenophylla E.Wimm.
Perennial. Herb. Ht ± 0.3 m. Alt 1300–2500 m. M, FS, KZN

stephensii E.Wimm. = **C. bulbosa** var. **acocksii**

subtubulata E.Wimm.
Perennial. Herb, climber. Ht up to 0.6 m. Alt 160–300 m. WC

sylvatica Eckl. var. **graminea** E.Wimm.
Perennial. Herb, climber. Ht? Alt up to 1600 m. KZN

sylvatica Eckl. var. **salicifolia** ([C.Presl ex] Eckl. & Zeyh.) E.Wimm.
C. salicifolia C.Presl (2)
Perennial. Herb, climber. Ht up to 1 m. Alt 90–1900 m. WC, EC

sylvatica Eckl. var. **sylvatica**
Perennial. Herb, climber. Ht 0.5–1.6 m. Alt 20–1900 m. KZN, WC, EC

tenera Diels
Perennial. Herb, climber. Ht? Alt ± 200 m. WC

tortilis N.E.Br.
Perennial. Herb, climber. Ht up to 0.6 m. Alt 100–750 m. WC, EC

transvaalensis E.Phillips
Perennial. Herb, climber. Ht? Alt 975–1600 m. LIM

tricuspis E.Wimm.
Perennial. Herb, climber. Ht? Alt? WC

triphylla E.Phillips
Perennial. Herb, climber. Ht 0.25–0.7 m. Alt 100–2165 m. FS, L, EC

tysonii E.Phillips
Perennial. Herb, climber. Ht 0.2–0.7 m. Alt 1500–1700 m. KZN, EC

undulata Eckl.
Perennial. Herb. Ht? Alt 30–70 m. EC

undulata Eckl. var. *linarioides* ([C.Presl ex] Eckl. &. Zeyh.) E.Wimm. = **C. linarioides**

volubilis (Burm.f.) Willd. var. **banksiana** E.Wimm.
Perennial. Herb, climber. Ht? Alt 500–1300 m. WC

volubilis (Burm.f.) Willd. var. *intermedia* E.Wimm. = **C. longipetala**

volubilis (Burm.f.) Willd. var. *latipetala* ([C.Presl ex] Eckl. & Zeyh.) E.Wimm. = **C. latipetala**

volubilis (Burm.f.) Willd. var. *longipes* E.Wimm. = **C. angustiloba**

volubilis (Burm.f.) Willd. var. **volubilis**
Lobelia volubilis Burm.f. (2)
Perennial. Herb, climber. Ht 0.3–1 m. Alt 30–1500 m. WC

wilmsiana Diels = **C. elata** var. **gerrardi**

zeyheriana [C.Presl ex] Eckl. & Zeyh.
Perennial. Herb, climber. Ht? Alt 150–350 m. WC

zeyheriana [C.Presl ex] Eckl. & Zeyh. var. *eckloniana* ([C.Presl ex] Eckl. & Zeyh.) Sond. = **C. eckloniana**

DOBROWSKYA C.Presl 8695010

laevicaulis C.Presl = **Monopsis unidentata** subsp. **laevicaulis**

scabra (Thunb.) A.DC. = **Monopsis scabra**

serratifolia A.DC. = **Monopsis simplex**

stellarioides C.Presl = **Monopsis stellarioides** subsp. **stellarioides**

tenella (Thunb.) Sond. = **Monopsis unidentata** subsp. **unidentata**

DORTMANNIA Steud. 8694010

decurrentifolia Kuntze = **Lobelia decurrentifolia**

vanreenensis Kuntze = **Lobelia vanreenensis**

GRAMMATOTHECA C.Presl 8696000

(1) Wimmer. 1953. *Das Pflanzenreich* 107: 695–698.

bergiana (Cham.) C.Presl var. **bergiana**
G. erinoides (Thunb.) Sond. (1)
Lobelia bergiana Cham. (1)
Perennial. Herb. Ht 0.15–0.5 m. Alt 150–1450 m. KZN, WC

bergiana (Cham.) C.Presl var. **eckloniana** (C.Presl) E.Wimm.
G. eckloniana C.Presl (1)
Perennial. Herb. Ht? Alt ± 400 m. WC

bergiana (Cham.) C.Presl var. **foliosa** E.Wimm.
Perennial. Herb. Ht? Alt ± 100 m. KZN

bergiana (Cham.) C.Presl var. **pedunculata** E.Wimm.
Perennial. Herb. Ht? Alt ± 25 m. WC

eckloniana C.Presl = **G. bergiana** var. **eckloniana**

erinoides (Thunb.) Sond. = **G. bergiana** var. **bergiana**

ISOLOBUS A.DC. 8694020

corymbosus A.DC. var. *sparsiflorus* Sond. = **Lobelia jasionoides** var. **sparsiflora**

jasionoides A.DC. = **Lobelia jasionoides** var. **jasionoides**

LAURENTIA Michx. ex Adans. 8699000

arabidea (C.Presl) A.DC. = **Wimmerella arabidea**

bifida (Thunb.) Sond. = **Wimmerella bifida**

frontidentata E.Wimm. = **Wimmerella frontidentata**

giftbergensis (E.Phillips) E.Wimm. = **Wimmerella bifida**

hederacea Sond. = **Wimmerella hederacea**

hedyotidea Schltr. var. *hedyotidea* = **Wimmerella hedyotidea**

hedyotidea Schltr. var. *major* E.Wimm. = **Wimmerella hedyotidea**

longiflora Schltr. = **Wimmerella longitubus**

longitubus E.Wimm. = **Wimmerella longitubus**

mariae E.Wimm. = **Wimmerella mariae**

pygmaea (Thunb.) Sond. var. *glabra* Sond. = **Wimmerella pygmaea**

pygmaea (Thunb.) Sond. var. *obtusiloba* Sond. = **Wimmerella pygmaea**

pygmaea (Thunb.) Sond. var. *pygmaea* = **Wimmerella pygmaea**

radicans Schönland = **Lobelia zwartkopensis**

secunda (L.f.) Kuntze = **Wimmerella secunda**

LOBELIA L. 8694000

(1) Wimmer. 1953. *Das Pflanzenreich* 107: 408–695, 775–783.
(2) Wimmer. 1968. *Das Pflanzenreich* 108: 855–889.
(3) Thulin. 1983. *FZ* 7,1: 118–145.
(4) Thulin. 1983. *Nordic Journal of Botany* 3: 371–382.
(5) Phillipson. 1986. *Botanical Journal of the Linnean Society* 93: 329–341.
(6) Phillipson. 2000. In Goldblatt & Manning, *Strelitzia* 9: 390, 391.
(7) Phillipson & Knox. 2003. http://www.mobot.org/phillipson/campan/loben1.htm

acutangula (C.Presl) A.DC. = **L. flaccida** subsp. **flaccida**

alata Labill. var. *alata* = **L. anceps**

alata Labill. var. *minor* (Sond.) E.Wimm. = **L. anceps**

alata Labill. var. *ottoniana* (C.Presl) E.Wimm. = **L. anceps**

alata Labill. var. *rudatisii* (Schltr.) E.Wimm. = **L. anceps**

anceps L.f.
L. alata Labill. var. *alata* (7)
L. alata Labill. var. *minor* (Sond.) E.Wimm. (7)
L. alata Labill. var. *ottoniana* (C.Presl) E.Wimm. (7)
L. alata Labill. var. *rudatisii* (Schltr.) E.Wimm. (7)
L. repens Thunb. (3)
Perennial. Herb. Ht 0.05–0.45 m. Alt 2–1500 m. KZN, WC, EC

angolensis Engl. & Diels
L. depressa L.f. var. *dregeana* (Sond.) E.Wimm. (3)
L. depressa L.f. var. *seineri* (Schltr.) E.Wimm. (3)
L. depressa of authors, not of L.f. var. *depressa* (3, 5)
L. minutidentata Engl. & Gilg (3)
Annual or perennial. Herb. Ht 0.05–0.1 m. Alt 20–2500 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

aquaemontis E.Wimm.
Annual. Herb. Ht 0.15–0.3 m. Alt ± 1800 m. LIM

aquatica E.Phillips = **L. galpinii**

ardisiandroides Schltr.
Perennial. Herb. Ht ± 0.05 m. Alt 900–1220 m. WC, EC

barkerae E.Wimm.
Perennial. Shrub. Ht ± 0.4 m. Alt 400–600 m. WC

bergiana Cham. = **Grammatotheca bergiana** var. **bergiana**

bicolor Sims = **L. erinus**

bifida Thunb. = **Wimmerella bifida**

boivinii Sond.
Perennial. Herb. Ht up to 0.1 m. Alt ± 260 m. WC

bulbosa L. = **Cyphia bulbosa** var. **bulbosa**

caerulea Hook. var. *caerulea* = **L. tomentosa**

caerulea Hook. var. *macularis* (C.Presl) E.Wimm. = **L. tomentosa**

capensis E.Wimm. = **L. limosa**

capillifolia (C.Presl) A.DC.
Rapuntium capillifolium C.Presl (1)
Perennial. Dwarf shrub, herb. Ht 0.22–0.5 m. Alt 10–1770 m. WC

capillipes Schltr. = **L. pinifolia**

cardamines Thunb. = **Cyphia incisa** var. **cardamines**

chamaedryfolia (C.Presl) A.DC.
Rapuntium chamaedryfolium C.Presl (1)
Perennial. Herb. Ht up to 0.3 m. Alt 350–1525 m. KZN, EC

chamaepitys Lam. var. **ceratophylla** (C.Presl) E.Wimm.
Rapuntium ceratophyllum C.Presl (1)
Perennial. Dwarf shrub, herb. Ht up to 0.3 m. Alt 45–460 m. WC

chamaepitys Lam. var. **chamaepitys**
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 30–1540 m. WC

cheiranthus L. = **Manulea cheiranthus**

cinerea Thunb. = **Wahlenbergia albicaulis**

cochlearifolia Diels
Annual. Herb. Ht? Alt 600–1065 m. KZN

coddii Compton = **Monopsis malvacea**

comosa L. var. **comosa**
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 5–450 m. WC

comosa L. var. **foliosa** E.Wimm.
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 60 m. WC

comosa L. var. **microdon** (C.Presl) E.Wimm.
Rapuntium microdon C.Presl (1)
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 155 m. WC

comosa L. var. **secundata** (Sond.) E.Wimm.
L. triquetra L. var. *secundata* Sond. (1)
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 100 m. WC

comptonii E.Wimm.
L. esterhuyseniae E.Wimm. (7)
Perennial. Herb. Ht 0.2–0.35 m. Alt 650–800 m. WC

corniculata Thulin
Perennial. Herb, scrambler. Ht up to 1 m. Alt 120–305 m. S, KZN

coronopifolia L.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 5–1000 m. WC

coronopifolia L. var. *caerulea* (Sims) Sond. = **L. tomentosa**

coronopifolia L. var. *macularis* (C.Presl) Sond. = **L. tomentosa**

crenata Thunb. = **Cyphia crenata** var. **crenata**

cuneifolia Link & Otto var. **ananda** E.Wimm.
Perennial. Herb. Ht up to 0.4 m. Alt? NW

cuneifolia Link & Otto var. **cuneifolia**
Perennial. Herb. Ht up to 0.4 m. Alt 5–500 m. WC, EC

cuneifolia Link & Otto var. **hirsuta** (C.Presl) E.Wimm.
L. pilosa Schltr. (1)
L. sylvatica Fourc. (1)
Rapuntium ovatum C.Presl var. *hirsutum* C.Presl (1)
Perennial. Herb. Ht up to 0.4 m. Alt ± 1600 m. LIM, WC

cyphioides Harv.
Annual. Herb. Ht? Alt? WC

dasyphylla E.Wimm.
Perennial. Herb. Ht 0.05–0.2 m. Alt 760–1060 m. WC

decipiens Sond. = **Monopsis decipiens**

decurrentifolia (Kuntze) K.Schum.
Dortmannia decurrentifolia Kuntze (1)
Annual. Herb. Ht? Alt ± 100 m. EC

delicatula Compton = **L. trullifolia** subsp. **delicatula**

depressa L.f. = **Monopsis debilis** var. **depressa**

depressa L.f. var. *dregeana* (Sond.) E.Wimm. = **L. angolensis**

depressa L.f. var. *seineri* (Schltr.) E.Wimm. = **L. angolensis**

depressa of authors, not of L.f. var. *depressa* = **L. angolensis**

depressa of authors, not of L.f. var. *depressa* = **L. limosa**

dichroma Schltr.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 900 m. WC

digitata Thunb. = **Cyphia digitata** subsp. **digitata**

disperma E.Wimm. = **Unigenes humifusa**

dodiana E.Wimm. var. *dodiana* = **L. quadrisepala**

dodiana E.Wimm. var. *radicans* (Schönland) E.Wimm. = **L. zwartkopensis**

dregeana (C.Presl) A.DC.
L. galpinii Schltr. var. *dentosa* E.Wimm. (7)
L. omphalodoides Schltr. (1)
Rapuntium dregeanum C.Presl (1)
Annual. Herb. Ht 0.05–0.4 m. Alt 180–2560 m. N, NW, G, FS, L, NC, WC, EC

eckloniana (C.Presl) A.DC.
Rapuntium ecklonianum C.Presl (1)
Annual. Herb. Ht up to 0.05 m. Alt 400–1200 m. WC

erinus L.
L. bicolor Sims (7)
L. erinus L. var. *bellidifolia* (Thunb.) Sond. (3)
L. erinus L. var. *grandiflora* Paxton (7)
L. erinus L. var. *schrankii* (Sweet) E.Wimm. (7)
L. erinus L. var. *subvillosa* E.Wimm. (7)
L. filiformis Lam. var. *filiformis* in sense of E.Wimm., misapplied name (3)
L. filiformis Lam. var. *natalensis* (A.DC.) E.Wimm. (3)
L. krookii Zahlbr. (1)
L. lavendulacea Klotzsch (3)
L. lydenburgensis E.Wimm. (3)
L. montaguensis E.Wimm. (6)
L. nuda Hemsl. (3)
L. oranjensis E.Wimm. (7)
L. parvisepala E.Wimm. (7)
L. rosulata S.Moore (3)
L. senegalensis A.DC. var. *senegalensis* (3)
L. transvaalensis Schltr. (3)
L. tysonii E.Phillips (1)
L. wildii E.Wimm. (3)
Annual or perennial. Herb. Ht 0.05–0.85 m. Alt 2–2500 m. N, B, LIM, M, S, FS, KZN, L, NC, WC

erinus L. var. *bellidifolia* (Thunb.) Sond. = **L. erinus**

erinus L. var. *grandiflora* Paxton = **L. erinus**

erinus L. var. *schrankii* (Sweet) E.Wimm. = **L. erinus**

erinus L. var. *subvillosa* E.Wimm. = **L. erinus**

esterhuyseniae E.Wimm. = **L. comptonii**

eurypoda E.Wimm. var. **eurypoda** E.Wimm.
Perennial. Herb. Ht 0.25–0.8 m. Alt ± 1675 m. LIM, M, S, KZN

eurypoda E.Wimm. var. **fissurarum** E.Wimm.
Perennial. Herb. Ht ± 0.25 m. Alt ± 2000 m. WC

filiformis Lam. var. *filiformis* in sense of E.Wimm., misapplied name = **L. erinus**

filiformis Lam. var. *krebsiana* (A.DC.) E.Wimm. = **L. flaccida** subsp. **flaccida**

filiformis Lam. var. *natalensis* (A.DC.) E.Wimm. = **L. erinus**

filipes E.Wimm.
Annual. Herb. Ht up to 0.15 m. Alt ± 1400 m. N

flaccida (C.Presl) A.DC. subsp. **flaccida**
L. acutangula (C.Presl) A.DC. (7)
L. filiformis Lam. var. *krebsiana* (A.DC.) E.Wimm. (3)
L. flaccida (C.Presl) A.DC. var. *hirsuta* (C.Presl) E.Wimm. (7)
L. flaccida (C.Presl) A.DC. var. *scabripes* (C.Presl) E.Wimm. (7)
L. flaccida (C.Presl) A.DC. var. *stricta* (Zahlbr.) E.Wimm. (7)
L. linarioides (C.Presl) A.DC. (7)
L. oreas E.Wimm. (7)
L. pentheri E.Wimm. (7)
L. reinekeana E.Wimm. (7)
L. sutherlandii E.Wimm. (7)
L. wilmsiana Diels (7)
Rapuntium acutangulum C.Presl (1)
Rapuntium flaccidum C.Presl (3)
Rapuntium linarioides C.Presl (7)
Annual or perennial. Herb. Ht 0.15–1 m. Alt 15–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

flaccida (C.Presl) A.DC. subsp. **mossiana** (R.D.Good) Thulin
L. mossiana R.D.Good (3)
L. senegalensis A.DC. var. *subaspera* E.Wimm. (3)
Annual or perennial. Herb. Ht 0.22–0.45 m. Alt 6–3050 m. LIM, M, S, KZN

flaccida (C.Presl) A.DC. var. *hirsuta* (C.Presl) E.Wimm. = **L. flaccida** subsp. **flaccida**

flaccida (C.Presl) A.DC. var. *scabripes* (C.Presl) E.Wimm. = **L. flaccida** subsp. **flaccida**

flaccida (C.Presl) A.DC. var. *stricta* (Zahlbr.) E.Wimm. = **L. flaccida** subsp. **flaccida**

galpinii Schltr.
L. aquatica E.Phillips (1)
Annual. Herb. Ht up to 0.015 m. Alt up to 3230 m. L, EC

galpinii Schltr. var. *dentosa* E.Wimm. = **L. dregeana**

genistoides (C.Presl) A.DC. = **L. patula**

giftbergensis E.Phillips = **Wimmerella bifida**

glaucoleuca Schltr. = **L. setacea**

goetzei Diels
Annual or perennial. Herb. Ht 0.15–0.7 m. Alt ± 1400 m. LIM

goodii E.Wimm. = **L. jasionoides** var. **jasionoides**

hereroensis Schinz
Annual. Herb. Ht ± 0.15 m. Alt ± 1150 m. N

hirsuta L.f. = **L. neglecta**

hypsibata E.Wimm.
Annual. Herb. Ht 0.1–0.2 m. Alt ± 450 m. WC

incisa Thunb. = **Cyphia incisa** var. **incisa**

isotomoides E.Wimm. = **L. stenosiphon**

jasionoides (A.DC.) E.Wimm. var. **jasionoides**
Isolobus jasionoides A.DC. (1)
L. goodii E.Wimm. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 300–1550 m. WC

jasionoides (A.DC.) E.Wimm. var. **sparsiflora** (Sond.) E.Wimm.
Isolobus corymbosus A.DC. var. *sparsiflorus* Sond. (1)
Perennial. Herb. Ht up to 0.3 m. Alt ± 600 m. WC

krookii Zahlbr. = **L. erinus**

lasiantha (C.Presl) A.DC. = **L. linearis**

laurentioides Schltr.
Annual. Herb. Ht 0.08–0.1 m. Alt 800–1600 m. WC

lavendulacea Klotzsch = **L. erinus**

laxa MacOwan
Perennial. Herb. Ht up to 0.4 m. Alt 1200–1800 m. FS, KZN, L, EC

leptocarpa Griess. = **L. thermalis**

limosa (Adamson) E.Wimm.
L. capensis E.Wimm. (6)
L. depressa of authors, not of L.f. var. *depressa* (6)
Mezleria limosa Adamson (2)
Annual. Herb. Ht up to 0.1 m. Alt ± 100 m. WC

linarioides (C.Presl) A.DC. = **L. flaccida** subsp. **flaccida**

linearis Thunb.
L. lasiantha (C.Presl) A.DC. (7)
L. linearis Thunb. var. *gloveri* Schltr. (7)
L. linearis Thunb. var. *pinnata* Schltr. (7)
L. spartioides (C.Presl) D.Dietr. (7)
Perennial. Dwarf shrub, herb. Ht 0.3–0.7 m. Alt 60–2000 m. WC, EC

linearis Thunb. var. *gloveri* Schltr. = **L. linearis**

linearis Thunb. var. *pinnata* Schltr. = **L. linearis**

lobata E.Wimm.
Annual or perennial. Herb. Ht 0.06–0.3 m. Alt ± 1800 m. LIM

lutea L. = **Monopsis lutea**

lydenburgensis E.Wimm. = **L. erinus**

malowensis E.Wimm.
Perennial. Herb. Ht 0.15–2 m. Alt 30–1525 m. LIM, M, S, KZN, EC

minutidentata Engl. & Gilg = **L. angolensis**

montaguensis E.Wimm. = **L. erinus**

mossiana R.D.Good = **L. flaccida** subsp. **mossiana**

mundtiana Cham. = **L. thermalis**

muscoides Cham.
Annual. Herb. Ht up to 0.05 m. Alt 800–1500 m. WC

neglecta Roem. & Schult.
L. hirsuta L.f. (1)
Perennial. Herb. Ht 0.15–0.5 m. Alt 5–1000 m. WC, EC

nuda Hemsl. = **L. erinus**

nugax E.Wimm.
Annual. Herb. Ht up to 0.3 m. Alt ± 1500 m. WC

omphalodoides Schltr. = **L. dregeana**

oranjensis E.Wimm. = **L. erinus**

oreas E.Wimm. = **L. flaccida** subsp. **flaccida**

parvifolia P.J.Bergius = **Wahlenbergia parvifolia**

parvisepala E.Wimm. = **L. erinus**

patula L.f.
L. genistoides (C.Presl) A.DC. (2, 7)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 275–1220 m. WC, EC

patula L.f. var. *pteropoda* (C.Presl) Sond. = **L. pteropoda**

pentheri E.Wimm. = **L. flaccida** subsp. **flaccida**

phyteuma L. = **Cyphia phyteuma**

pilosa Schltr. = **L. cuneifolia** var. **hirsuta**

pinifolia L.
L. capillipes Schltr. (7)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 15–1200 m. WC

pinifolia L. var. *laricina* E.Wimm. = **L. tomentosa**

preslii A.DC.
Perennial. Herb. Ht 0.08–0.6 m. Alt 1800–2990 m. FS, KZN, L, EC

pteropoda (C.Presl) A.DC.
L. patula L.f. var. *pteropoda* (C.Presl) Sond. (1)
Rapuntium pteropodum C.Presl (1)
Perennial. Herb. Ht 0.1–1 m. Alt 15–1200 m. KZN, EC

pubescens Dryand. ex Aiton var. **holopsida** E.Wimm.
Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 50 m. WC

pubescens Dryand. ex Aiton var. **incisa** (Presl) Sond.
Annual or perennial. Herb. Ht 0.1–0.35 m. Alt? WC

pubescens Dryand. ex Aiton var. **jacquiniana** Sond.
Annual or perennial. Herb. Ht 0.1–0.35 m. Alt? WC

pubescens Dryand. ex Aiton var. **pubescens**
Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 400 m. WC

pubescens Dryand. ex Aiton var. **rotundifolia** E.Wimm.
Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 300 m. WC

pygmaea Thunb. = **Laurentia pygmaea**

quadrisepala (R.D.Good) E.Wimm.
L. dodiana E.Wimm. var. *dodiana* (7)
Mezleria quadrisepala R.D.Good (2)
Annual. Herb. Ht up to 0.05 m. Alt ± 640 m. WC

reinekeana E.Wimm. = **L. flaccida** subsp. **flaccida**

repens Thunb. = **L. anceps**

rosulata S.Moore = **L. erinus**

scabra Thunb. = **Monopsis scabra**

secunda L.f. = **Wimmerella secunda**

senegalensis A.DC. var. *senegalensis* = **L. erinus**

senegalensis A.DC. var. *subaspera* E.Wimm. = **L. flaccida** subsp. **mossiana**

setacea Thunb. var. **dissectifolia** E.Wimm.
Perennial. Herb. Ht 0.3–0.8 m. Alt 10–100 m. WC

setacea Thunb. var. **setacea**
L. glaucoleuca Schltr. (7)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1100 m. WC

simplex L. = **Monopsis simplex**

spartioides (C.Presl) D.Dietr. = **L. linearis**

stenosiphon (Adamson) E.Wimm.
L. isotomoides E.Wimm. (2)
Mezleria stenosiphon Adamson (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 500–1800 m. WC

sutherlandii E.Wimm. = **L. flaccida** subsp. **flaccida**

sylvatica Fourc. = **L. cuneifolia** var. **hirsuta**

thermalis Thunb.
L. leptocarpa Griess. (3)
L. mundtiana Cham. (3)
L. thermalis Thunb. var. *pungens* E.Wimm. (7)
Perennial. Creeping herb. Ht 0.01–0.1 m. Alt 360–1920 m. N, B, LIM, NW, G, FS, NC, WC, EC

thermalis Thunb. var. *pungens* E.Wimm. = **L. thermalis**

tomentosa L.f.
L. caerulea Hook. var. *caerulea* (7)
L. caerulea Hook. var. *macularis* (C.Presl) E.Wimm. (7)
L. coronopifolia L. var. *caerulea* (Sims) Sond. (7)
L. coronopifolia L. var. *macularis* (C.Presl) Sond. (7)
L. pinifolia L. var. *laricina* E.Wimm. (7)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 15–2000 m. KZN, WC, EC

transvaalensis Schltr. = **L. erinus**

triquetra L. var. *secundata* Sond. = **L. comosa** var. **secundata**

trullifolia Hemsl. subsp. **delicatula** (Compton) Thulin
L. delicatula Compton (4)
Annual. Herb. Ht up to 0.2 m. Alt ± 1465 m. M, S

tysonii E.Phillips = **L. erinus**

unidentata Aiton = **Monopsis unidentata** subsp. **unidentata**

valida L.Bolus
Perennial. Dwarf shrub, herb. Ht up to 0.4 m. Alt 18–120 m. WC

vanreenensis (Kuntze) K.Schum.
Dortmannia vanreenensis Kuntze (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 750–2500 m. M, FS, KZN, L, WC, EC

variifolia Sims = **Monopsis variifolia**

volubilis Burm.f. = **Cyphia volubilis** var. **volubilis**

wildii E.Wimm. = **L. erinus**

wilmsiana Diels = **L. flaccida** subsp. **flaccida**

zeyheri Sond. = **Monopsis zeyheri**

zwartkopensis E.Wimm.
Laurentia radicans Schönland (7)
L. dodiana E.Wimm. var. *radicans* (Schönland) E.Wimm. (7)
Mezleria filicaulis Sond. (1)
Annual. Herb. Ht 0.03–0.1 m. Alt up to 370 m. EC

MEZLERIA C.Presl 8694030

filicaulis Sond. = **Lobelia zwartkopensis**

limosa Adamson = **Lobelia limosa**

quadrisepala R.D.Good = **Lobelia quadrisepala**

stenosiphon Adamson = **Lobelia stenosiphon**

MONOPSIS Salisb. 8695000

(1) Wimmer. 1953. *Das Pflanzenreich* 107: 698–713, 783, 784.
(2) Thulin. 1979. *Botaniska Notiser* 132: 131–137.
(3) Phillipson. 1986. *Botanical Journal of the Linnean Society* 93: 329–341.
(4) Phillipson. 1989. *Botanical Journal of the Linnean Society* 99: 255–272.
(5) Phillipson. 2003. http://www.mobot.org/phillipson/campan/monon1.htm

acrodon E.Wimm.
M. acrodon E.Wimm. var. *herois* E.Wimm. (5)
Perennial. Herb. Ht up to 0.2 m. Alt 850–1750 m. WC

acrodon E.Wimm. var. *herois* E.Wimm. = **M. acrodon**

alba Phillipson
Perennial. Herb. Ht up to 0.2 m. Alt 600–2000 m. WC, EC

arenaria E.Wimm. = **M. flava**

aspera (Spreng.) Urb. = **M. simplex**

belliflora E.Wimm.
Perennial. Herb. Ht up to 0.4 m. Alt 5–300 m. KZN

conspicua Salisb. = **M. debilis** var. **debilis**

debilis (L.f.) C.Presl var. *conspicua* (Salisb.) E.Wimm. = **M. debilis** var. **debilis**

debilis (L.f.) C.Presl var. **debilis**
M. conspicua Salisb. (3)
M. debilis (L.f.) C.Presl var. *conspicua* (Salisb.) E.Wimm. (3)
M. simplex (L.) E.Wimm. var. *conspicua* (Salisb.) E.Wimm. (3)
Annual. Herb. Ht up to 0.45 m. Alt 0–750 m. WC

debilis (L.f.) C.Presl var. **depressa** (L.f.) Phillipson
Lobelia depressa L.f. (3)
M. inconspicua Salisb. (3)
M. monantha E.Wimm. (3)
M. simplex (L.) E.Wimm. var. *simplex* in sense of E.Wimm., misapplied name (3)
Annual. Herb. Ht up to 0.45 m. Alt 0–1500 m. WC

debilis (L.f.) C.Presl var. **gracilis** (C.Presl) Phillipson
Lobelia campanulata Lam. (3)
M. campanulata (Lam.) Sond. (3)
M. conspicua Salisb. var. *gracilis* C.Presl (3)
M. gracilis (C.Presl) A.DC. (3)
Annual. Herb. Ht up to 0.45 m. Alt 500–1500 m. NC, WC

decipiens (Sond.) Thulin
Lobelia decipiens Sond. (2)
Perennial. Herb. Ht 0.08–0.6 m. Alt 50–2225 m. LIM, G, M, S, FS, KZN, L, EC

flava ([C.Presl ex] Eckl. & Zeyh.) E.Wimm.
M. arenaria E.Wimm. (5)
Rapuntium flavum Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.25 m. Alt 900–1065 m. WC

inconspicua Salisb. = **M. debilis** var. **depressa**

kowynensis E.Wimm.
Perennial. Herb. Ht up to 0.15 m. Alt 1520–2290 m. M

laevicaulis (C.Presl) E.Wimm. = **M. unidentata** subsp. **laevicaulis**

lutea (L.) Urb.
Lobelia lutea L. (1)
M. lutea (L.) Urb. var. *ericoides* (C.Presl) Urb. (5)
M. lutea (L.) Urb. var. *euphrasioides* (Eckl. & Zeyh.) Urb. (5)
M. lutea (L.) Urb. var. *subcoerulea* Zahlbr. (5)
Perennial. Herb. Ht 0.12–0.3 m. Alt 5–1100 m. WC

lutea (L.) Urb. var. *ericoides* (C.Presl) Urb. = **M. lutea**

lutea (L.) Urb. var. *euphrasioides* (Eckl. & Zeyh.) Urb. = **M. lutea**

lutea (L.) Urb. var. *subcoerulea* Zahlbr. = **M. lutea**

malvacea E.Wimm.
Lobelia coddii Compton (5)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1100–1390 m. S

monantha E.Wimm. = **M. debilis** var. **depressa**

scabra (Thunb.) Urb.
Dobrowskya scabra (Thunb.) A.DC. (1)
Lobelia scabra Thunb. (1)
M. scabra (Thunb.) Urb. var. *subhispida* E.Wimm. (4)
Perennial. Creeping or erect herb. Ht 0.05–0.4 m. Alt 0–1800 m. EC

scabra (Thunb.) Urb. var. *glabrata* (Sond.) Schönland = **M. unidentata** subsp. **intermedia**

scabra (Thunb.) Urb. var. *subhispida* E.Wimm. = **M. scabra**

simplex (L.) E.Wimm.
Dobrowskya serratifolia A.DC. (1)
Lobelia simplex L. (1)
M. aspera (Spreng.) Urb. (3)
Annual. Herb. Ht 0.05–0.3 m. Alt 0–600 m. WC, EC

simplex (L.) E.Wimm. var. *conspicua* (Salisb.) E.Wimm. = **M. debilis** var. **debilis**

simplex (L.) E.Wimm. var. *simplex* in sense of E.Wimm., misapplied name = **M. debilis** var. **depressa**

stellarioides (C.Presl) Urb. subsp. **stellarioides**
Dobrowskya stellarioides C.Presl (1)
Perennial. Herb. Ht 0.08–0.6 m. Alt 30–3000 m. LIM, M, S, KZN, EC

stricta (C.Presl) E.Wimm. = **M. unidentata** subsp. **unidentata**

unidentata (Dryand.) E.Wimm. subsp. **intermedia** Phillipson
M. scabra (Thunb.) Urb. var. *glabrata* (Sond.) Schönland (4)
Perennial. Creeping or erect herb. Ht 0.1–0.25 m. Alt 0–1200 m. EC

unidentata (Dryand.) E.Wimm. subsp. **laevicaulis** (C.Presl) Phillipson
Dobrowskya laevicaulis C.Presl (1)
M. laevicaulis (C.Presl) E.Wimm. (4)
Perennial. Herb. Ht 0.1–0.75 m. Alt 50–800 m. KZN, EC

unidentata (Dryand.) E.Wimm. subsp. **unidentata**
Dobrowskya tenella (Thunb.) Sond. (1)
Lobelia unidentata Aiton (1)
M. stricta (C.Presl) E.Wimm. (4)
Perennial. Creeping or erect herb. Ht 0.1–0.45 m. Alt 0–400 m. WC, EC

variifolia (Sims) Urb.
Lobelia variifolia Sims (1)
Parastranthus variifolius (Sims) G.Don (1)
Perennial. Herb. Ht 0.05–0.15 m. Alt 180–1220 m. WC

zeyheri (Sond.) M.Thulin
Lobelia zeyheri Sond. (2)
Annual. Herb. Ht up to 0.15 m. Alt? N, NW

PARASTRANTHUS G.Don 8695020

variifolius (Sims) G.Don = **Monopsis variifolia**

RAPUNTIUM Mill. 8694050

acutangulum C.Presl = **Lobelia flaccida** subsp. **flaccida**

arabideum C.Presl = **Wimmerella arabidea**

capillifolium C.Presl = **Lobelia capillifolia**

ceratophyllum C.Presl = **Lobelia chamaepitys** var. **ceratophylla**

chamaedryfolium C.Presl = **Lobelia chamaedryfolia**

dregeanum C.Presl = **Lobelia dregeana**

ecklonianum C.Presl = **Lobelia eckloniana**

flaccidum C.Presl = **Lobelia flaccida** subsp. **flaccida**

flavum Eckl. & Zeyh. = **Monopsis flava**

linarioides C.Presl = **Lobelia flaccida** subsp. **flaccida**

microdon C.Presl = **Lobelia comosa** var. **microdon**

ovatum C.Presl var. *hirsutum* C.Presl = **Lobelia cuneifolia** var. **hirsuta**

pteropodum C.Presl = **Lobelia pteropoda**

UNIGENES E.Wimm. 8693000

(1) Phillipson. 2002. http://www.ru.ac.za/academic/departments/botany/phillipson/lobelia.htm

humifusa A.DC.
Lobelia disperma E.Wimm. (1)
Annual. Prostrate herb. Ht up to 0.15 m. Alt up to 1000 m. WC

WIMMERELLA L.Serra, M.B.Crespo & Lammers 8699010

(1) Serra *et al.* 1999. *Novon* 9,3: 414–418.
(2) Phillipson. 2000. In Goldblatt & Manning, *Strelitzia* 9: 401, 402.

arabidea (C.Presl) L.Serra, M.B.Crespo & Lammers
Laurentia arabidea (C.Presl) A.DC. (1)
Annual. Herb. Ht 0.2–0.3 m. Alt 195–1390 m. KZN, WC, EC

bifida (Thunb.) L.Serra, M.B.Crespo & Lammers
Laurentia bifida (Thunb.) Sond. (1)
Laurentia giftbergensis (E.Phillips) E.Wimm. (2)
Lobelia bifida Thunb. (2)
Lobelia giftbergensis E.Phillips (2)
W. giftbergensis (E.Phillips) L.Serra, M.B.Crespo & Lammers (2)
Annual. Herb. Ht 0.1–0.2 m. Alt 300–600 m. WC

frontidentata (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia frontidentata E.Wimm. (1)
Annual. Herb. Ht 0.1–0.2 m. Alt 1000–1600 m. WC

giftbergensis (E.Phillips) L.Serra, M.B.Crespo & Lammers = **W. bifida**

hederacea (Sond.) L.Serra, M.B.Crespo & Lammers
Laurentia hederacea Sond. (2)
Annual. Herb. Ht up to 0.3 m. Alt 500–2000 m. WC, EC

hedyotidea (Schltr.) L.Serra, M.B.Crespo & Lammers
Laurentia hedyotidea Schltr. var. *hedyotidea* (2)
Laurentia hedyotidea Schltr. var. *major* E.Wimm. (2)
Annual. Herb. Ht up to 0.3 m. Alt 1000–2000 m. WC

longitubus (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia longiflora Schltr. (2)
Laurentia longitubus E.Wimm. (1)
Perennial. Herb. Ht up to 0.4 m. Alt ± 750 m. WC

mariae (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia mariae E.Wimm. (1)
Annual. Herb. Ht ± 0.02 m. Alt ± 1800 m. WC

pygmaea (Thunb.) L.Serra, M.B.Crespo & Lammers
Laurentia pygmaea (Thunb.) Sond. var. *glabra* Sond. (2)
Laurentia pygmaea (Thunb.) Sond. var. *obtusiloba* Sond. (2)
Laurentia pygmaea (Thunb.) Sond. var. *pygmaea* (1)
Annual. Herb. Ht up to 0.3 m. Alt 400–2000 m. WC, EC

secunda (L.f.) L.Serra, M.B.Crespo & Lammers
Laurentia secunda (L.f.) Kuntze (1)
Lobelia secunda L.f. (1)
Annual. Herb. Ht up to 0.1 m. Alt 15–120 m. WC

LORANTHACEAE

Compiled by G. Germishuizen

ACRANTHEMUM Tiegh. 2074120

natalitium (Meisn.) Tiegh. = **Agelanthus natalitius** subsp. **natalitius**

zeyheri (Harv.) Tiegh. = **Agelanthus natalitius** subsp. **zeyheri**

ACROSTACHYS (Benth. & Hook.f.) Tiegh. 2074130

sandersonii Tiegh. = **Helixanthera woodii**

ACTINANTHELLA Balle 2074080

(1) Wiens & Tölken. 1979. *FSA* 10: 34.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 99, 100.

wyliei (Sprague) Wiens
Loranthus wyliei Sprague (1)
Tapinanthus wyliei (Sprague) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt up to 365 m. KZN

AGELANTHUS Tiegh. 2074180

(1) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 20–24.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 137–182.

crassifolius (Wiens) Polhill & Wiens
Tapinanthus crassifolius Wiens (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt ± 441 m. LIM

discolor (Schinz) Balle
Loranthus bosciae Engl. & K.Krause (2)
Loranthus discolor Schinz (2)
Loranthus juttae Dinter (2)
Tapinanthus discolor (Schinz) Danser (2)
Perennial. Shrub, parasite. Ht 0.5–0.7 m. Alt? N

gracilis (Tölken & Wiens) Polhill & Wiens
Loranthus minor Sprague, excl. basionym (2)
Loranthus natalitius Meisn. var. *minor* (Harv.) J.M.Wood (2)
Tapinanthus gracilis Tölken & Wiens (2)
Tapinanthus minor (Sprague) Danser, illegitimate name (2)
Perennial. Shrub, parasite. Ht 0.05–1 m. Alt 30–1150 m. M, S, KZN

kraussianus (Meisn.) Polhill & Wiens
Loranthus kraussianus Meisn. (2)
Tapinanthus kraussianus (Meisn.) Tiegh. subsp. *kraussianus* (2)
Perennial. Shrub, parasite. Ht 0.8–2 m. Alt 6–1275 m. KZN, EC

lugardii (N.E.Br.) Polhill & Wiens
Loranthus breyeri Bremek. (2)
Loranthus lugardii N.E.Br. (2)
Loranthus lugardii N.E.Br. var. *hirtellus* Weim. (2)
Tapinanthus lugardii (N.E.Br.) Danser (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt 120–1220 m. B, LIM, NW, G, M, KZN

natalitius (Meisn.) Polhill & Wiens subsp. **natalitius**
Acranthemum natalitium (Meisn.) Tiegh. (2)
Loranthus moorei Sprague (2)
Loranthus natalitius Meisn. (2)
Tapinanthus moorei (Sprague) Danser (2)
Tapinanthus natalitius (Meisn.) Danser subsp. *natalitius* (2)
Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 245–1280 m. KZN, EC

natalitius (Meisn.) Polhill & Wiens subsp. **zeyheri** (Harv.) Polhill & Wiens
Acranthemum zeyheri (Harv.) Tiegh. (2)
Loranthus zeyheri Harv. (2)
Loranthus zeyheri Harv. var. *minor* Harv. (2)
Tapinanthus minor (Harv.) Danser (2)
Tapinanthus natalitius (Meisn.) Danser subsp. *zeyheri* (Harv.) Wiens (2)
Tapinanthus zeyheri (Harv.) Danser (2)
Perennial. Shrub, parasite. Ht 0.3–1.5 m. Alt 30–1625 m. B, LIM, NW, G, M, S, KZN

prunifolius (E.Mey. ex Harv.) Polhill & Wiens

Loranthus kraussianus Meisn. var. *puberulus* Sprague (2)
Loranthus prunifolius E.Mey. ex Harv. (2)
Tapinanthus prunifolius (E.Mey. ex Harv.) Tiegh. (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt ?–700 m. KZN, EC

pungu (De Wild.) Polhill & Wiens
Loranthus carsonii Baker & Sprague (2)
Loranthus ceciliae N.E.Br. (2)
Loranthus pungu De Wild. (2)
Tapinanthus carsonii (Baker & Sprague) Danser (2)
Tapinanthus ceciliae (N.E.Br.) Danser (2)
Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 610–765 m. LIM, M

sambesiacus (Engl. & Schinz) Polhill & Wiens
Loranthus sambesiacus Engl. & Schinz (2)
Tapinanthus sambesiacus (Engl. & Schinz) Danser (2)
Perennial. Shrub, parasite. Ht ± 0.5 m. Alt up to 550 m. LIM

terminaliae (Engl. & Gilg) Polhill & Wiens
Loranthus terminaliae Engl. & Gilg (2)
Tapinanthus terminaliae (Engl. & Gilg.) Danser (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

transvaalensis (Sprague) Polhill & Wiens
Loranthus kraussianus Meisn. var. *transvaalensis* Sprague (2)
Tapinanthus kraussianus (Meisn.) Tiegh. subsp. *transvaalensis* (Sprague) Wiens (2)
Perennial. Shrub, parasite. Ht 0.6–1 m. Alt 60–840 m. LIM, M, S, KZN

DENDROPHTHOË Mart. 2074140

elegans (Cham. & Schltdl.) Mart. = **Moquiniella rubra**

glauca (Thunb.) Mart. = **Septulina glauca**

ERIANTHEMUM Tiegh. 2074060

(1) Wiens & Tölken. 1979. *FSA* 10: 29–31.
(2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 16–19.
(3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 234–245.

dregei (Eckl. & Zeyh.) Tiegh.
Loranthus dregei Eckl. & Zeyh. (1)
Loranthus dregei Eckl. & Zeyh. forma *obtusifolia* Engl. (1)
Loranthus dregei Eckl. & Zeyh. forma *subcuneifolia* Engl. (1)
Loranthus oblongifolius E.Mey. ex Drège, naked name (1)
Loranthus roseus Klotzsch (3)
Perennial. Shrub, parasite. Ht 0.4–2 m. Alt 5–1525 m. LIM, NW, G, M, S, KZN, EC

ngamicum (Sprague) Danser
Loranthus ngamicus Sprague (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt 30–1500 m. N, B, LIM, NW, G, M, S, KZN, NC

HELIXANTHERA Lour. 2074100

(1) Wiens & Tölken. 1979. *FSA* 10: 37–39.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 79–86.

garciana (Engl.) Danser
H. messinensis (N.E.Br.) Danser (1)
Loranthus garcianus Engl. (1)
Loranthus messinensis N.E.Br. (1)
Perennial. Shrub, parasite, succulent. Ht ± 0.6 m. Alt 450–1300 m. LIM

messinensis (N.E.Br.) Danser = **H. garciana**

subcylindrica (Sprague) Danser = **H. woodii**

woodii (Schltr. & K.Krause) Danser
Acrostachys sandersonii Tiegh. (1)
H. subcylindrica (Sprague) Danser (2)
Loranthus sandersonii Harv. ex Benth. & Hook.f. (1)
Loranthus woodii Schltr. & K.Krause (1)
Perennial. Shrub, parasite. Ht 0.5–0.6 m. Alt 20–1200 m. KZN

LICHTENSTEINIA J.C.Wendl. 2074150

oleifolia J.C.Wendl. = **Tapinanthus oleifolius**

LORANTHUS Jacq. 2074000

acaciaedetinentis Dinter = **Plicosepalus kalachariensis**

bolusii Sprague = **Oncocalyx bolusii**

bosciae Engl. & K.Krause = **Agelanthus discolor**

breyeri Bremek. = **Agelanthus lugardii**

burchellii (DC.) Eckl. & Zeyh. = **Moquiniella rubra**

canescens Burch. = **Septulina glauca**

carsonii Baker & Sprague = **Agelanthus pungu**

ceciliae N.E.Br. = **Agelanthus pungu**

cinereus Engl. = **Phragmanthera cinerea**

cistoides Welw. ex Engl. = **Phragmanthera glaucocarpa**

cistoides Welw. ex Engl. var. *longiflora* Schinz = **Phragmanthera glaucocarpa**

dinteri Schinz = **Plicosepalus kalachariensis**

discolor Schinz = **Agelanthus discolor**

dombeyae K.Krause & Dinter = **Phragmanthera dombeyae**

dregei Eckl. & Zeyh. = **Erianthemum dregei**

dregei Eckl. & Zeyh. forma *obtusifolia* Engl. = **Erianthemum dregei**

dregei Eckl. & Zeyh. forma *subcuneifolia* Engl. = **Erianthemum dregei**

elegans Cham. & Schltdl. = **Moquiniella rubra**

elegantissimus Schinz = **Oncocalyx welwitschii**

englerianus K.Krause & Dinter = **Oncocalyx welwitschii**

fleckii Schinz = **Plicosepalus undulatus**

fulvus Engl., not of Korth., illegitimate name = **Phragmanthera dombeyae**

galpinii Schinz ex Sprague = **Pedistylis galpinii**

garcianus Engl. = **Helixanthera garciana**

glabriflorus Conrath = **Tapinanthus rubromarginatus**

glaucocarpus Peyr. = **Phragmanthera glaucocarpa**

glaucus Thunb. = **Septulina glauca**

glaucus Thunb. var. *burchellii* DC. = **Moquiniella rubra**

guerichii Engl. = **Phragmanthera guerichii**

juttae Dinter = **Agelanthus discolor**

kalachariensis Schinz = **Plicosepalus kalachariensis**

karibibensis Engl. = **Oncocalyx welwitschii**

kraussianus Meisn. = **Agelanthus kraussianus**

kraussianus Meisn. var. *puberulus* Sprague = **Agelanthus prunifolius**

kraussianus Meisn. var. *transvaalensis* Sprague = **Agelanthus transvaalensis**

longitubulosus Engl. & K.Krause = **Septulina glauca**

lugardii N.E.Br. = **Agelanthus lugardii**

lugardii N.E.Br. var. *hirtellus* Weim. = **Agelanthus lugardii**

messinensis N.E.Br. = **Helixanthera garciana**

meyeri C.Presl = **Tapinanthus oleifolius**

meyeri C.Presl var. *inachabensis* Engl. = **Tapinanthus oleifolius**

minor Sprague, excl. basionym = **Agelanthus gracilis**

mollissimus Engl. = **Tapinanthus mollissimus**

moorei Sprague = **Agelanthus natalitius** subsp. **natalitius**

namaquensis Harv. = **Tapinanthus oleifolius**

namaquensis Harv. var. *ligustrifolius* Engl. = **Tapinanthus oleifolius**

natalitius Meisn. = **Agelanthus natalitius** subsp. **natalitius**

natalitius Meisn. var. *minor* (Harv.) J.M.Wood = **Agelanthus gracilis**

ngamicus Sprague = **Erianthemum ngamicum**

oblongifolius E.Mey. ex Drège, naked name = **Erianthemum dregei**

oleifolius (J.C.Wendl.) Cham. & Schltdl. = **Tapinanthus oleifolius**

oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *elegans* (Cham. & Schltdl.) Harv. = **Moquiniella rubra**

oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *forbesii* Sprague = **Tapinanthus forbesii**

oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *leendertziae* Sprague = **Tapinanthus quequensis**

oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *luteus* Neusser = **Tapinanthus oleifolius**

otaviensis Engl. & K.Krause, as '*otavensis*' = **Phragmanthera glaucocarpa**

ovalis E.Mey. ex Harv. = **Septulina ovalis**

prunifolius E.Mey. ex Harv. = **Agelanthus prunifolius**

pungu De Wild. = **Agelanthus pungu**

quequensis Weim. = **Tapinanthus quequensis**

quinquenervius Hochst. = **Oncocalyx quinquenervius**

remotus Baker & Sprague = **Vanwykia remota**

rogersii Sprague ex Burtt Davy = **Oncocalyx bolusii**

roseus Klotzsch = **Erianthemum dregei**

rubromarginatus Engl. = **Tapinanthus rubromarginatus**

rubroviridis Oliv. = **Oliverella rubroviridis**

sambesiacus Engl. & Schinz = **Agelanthus sambesiacus**

sandersonii Harv. ex Benth. & Hook.f. = **Helixanthera woodii**

speciosus F.Dietr. = **Tapinanthus oleifolius**

splendens N.E.Br. = **Plicosepalus kalachariensis**

terminaliae Engl. & Gilg = **Agelanthus terminaliae**

undulatus E.Mey. ex Harv. = **Plicosepalus undulatus**

undulatus E.Mey. ex Harv. var. *angustior* Sprague = **Plicosepalus undulatus**

welwitschii Engl. = **Oncocalyx welwitschii**

woodii Schltr. & K.Krause = **Helixanthera woodii**

wyliei Sprague = **Actinanthella wyliei**

zeyheri Harv. = **Agelanthus natalitius** subsp. **zeyheri**

zeyheri Harv. var. *minor* Harv. = **Agelanthus natalitius** subsp. **zeyheri**

MOQUINIELLA Balle 2074030

(1) Wiens & Tölken. 1979. *FSA* 10: 25–27.
(2) Germishuizen & Scott. 1994. *Flowering Plants of Africa* 53: 10–14.
(3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 207, 208.

rubra (A.Spreng.) Balle
Dendrophthoë elegans (Cham. & Schltdl.) Mart. (3)
Loranthus burchellii (DC.) Eckl. & Zeyh. (3)
Loranthus elegans Cham. & Schltdl. (1)
Loranthus glaucus Thunb. var. *burchellii* DC. (1)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *elegans* (Cham. & Schltdl.) Harv. (1)
Perennial. Shrub, parasite. Ht 0.3–1 m. Alt 20–1465 m. N, NC, WC, EC

ODONTELLA Tiegh. 2074040

welwitschii (Engl.) Balle = **Oncocalyx welwitschii**

OLIVERELLA Tiegh. 2074260

(1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 114–117.

rubroviridis Tiegh.
Loranthus rubroviridis Oliv. (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt? B

ONCOCALYX Tiegh. 2074240

(1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 101–111.

bolusii (Sprague) Wiens & Polhill
Loranthus bolusii Sprague (1)
Loranthus rogersii Sprague ex Burtt Davy (1)
Tapinanthus bolusii (Sprague) Danser (1)
Tieghemia bolusii (Sprague) Wiens (1)
Tieghemia rogersii (Sprague ex Burtt Davy) Wiens (1)
Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 5–460 m. LIM

quinquenervius (Hochst.) Wiens & Polhill
Loranthus quinquenervius Hochst. (1)
Tapinanthus quinquenervius (Hochst.) Danser (1)
Tieghemia quinquenervius (Hochst.) Balle, as '*quinquenervis*' (1)
Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 10–610 m. KZN, EC

welwitschii (Engl.) Polhill & Wiens
Loranthus elegantissimus Schinz (1)
Loranthus englerianus K.Krause & Dinter (1)
Loranthus karibibensis Engl. (1)
Loranthus welwitschii Engl. (1)
Odontella welwitschii (Engl.) Balle (1)
Tapinanthus elegantissimus (Schinz) Danser (1)
Tapinanthus englerianus (K.Krause & Dinter) Danser (1)
Tapinanthus welwitschii (Engl.) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt 320–2000 m. N

PEDISTYLIS Wiens 2074070

(1) Wiens & Tölken. 1979. *FSA* 10: 32, 33.
(2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 6–9.

galpinii (Schinz ex Sprague) Wiens
Loranthus galpinii Schinz ex Sprague (1)
Perennial. Shrub, parasite. Ht ± 2.5 m. Alt 155–610 m. LIM, M, S

PHRAGMANTHERA Tiegh. 2074160

(1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 246–273.

cinerea (Engl.) Balle
Loranthus cinereus Engl. (1)
Tapinanthus cinereus (Engl.) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

cistoides (Welw. ex Engl.) Tiegh. = **P. glaucocarpa**

dombeyae (K.Krause & Dinter) Polhill & Wiens
Loranthus dombeyae K.Krause & Dinter (1)
Loranthus fulvus Engl., not of Korth., illegitimate name (1)

P. fulva Tiegh. (1)
Tapinanthus dombeyae (K.Krause & Dinter) Danser (1)
Perennial. Shrub, parasite. Ht ± 1.2 m. Alt? N

fulva Tiegh. = **P. dombeyae**

glaucocarpa (Peyr.) Balle
Loranthus cistoides Welw. ex Engl. (1)
Loranthus cistoides Welw. ex Engl. var. *longiflora* Schinz (1)
Loranthus glaucocarpus Peyr. (1)
Loranthus otaviensis Engl. & K.Krause, as '*otavensis*' (1)
P. cistoides (Welw. ex Engl.) Tiegh. (1)
Tapinanthus cistoides (Welw. ex Engl.) Danser (1)
Tapinanthus glaucocarpus (Peyr.) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

guerichii (Engl.) Balle
Loranthus guerichii Engl. (1)
Tapinanthus guerichii (Engl.) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

PLICOSEPALUS Tiegh. 2074090

(1) Wiens & Tölken. 1979. *FSA* 10: 34–37.
(2) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 172.
(3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 87–95.

acaciaedetinentis (Dinter) Danser = **P. kalachariensis**

amplexicaulis Wiens
Perennial. Shrub, parasite. Ht ± 1 m. Alt? M, S, KZN

curviflorus in sense of Balle, misapplied name = **P. kalachariensis**

kalachariensis (Schinz) Danser
Loranthus acaciaedetinentis Dinter (1)
Loranthus dinteri Schinz (1)
Loranthus kalachariensis Schinz (1)
Loranthus splendens N.E.Br. (1)
P. acaciaedetinentis (Dinter) Danser (1)
P. curviflorus in sense of Balle, misapplied name (1)
Perennial. Shrub, parasite. Ht 0.3–2.5 m. Alt 50–1740 m. N, B, LIM, M, S, KZN

undulatus (E.Mey. ex Harv.) Tiegh.
Loranthus fleckii Schinz (1)
Loranthus undulatus E.Mey. ex Harv. (1)
Loranthus undulatus E.Mey. ex Harv. var. *angustior* Sprague (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt up to 1950 m. N, NC

SEPTULINA Tiegh. 2074110

(1) Wiens & Tölken. 1979. *FSA* 10: 39–41.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 223, 224.

glauca (Thunb.) Tiegh.
Dendrophthoë glauca (Thunb.) Mart. (1)
Loranthus canescens Burch. (1)
Loranthus glaucus Thunb. (1)
Loranthus longitubulosus Engl. & K.Krause (1)
Perennial, shrub, parasite. Ht 0.5–1.5 m. Alt 5–1550 m. N, NC, WC

glauca (Thunb.) Tiegh. var. *ovalis* (E.Mey. ex Harv.) Balle = **S. ovalis**

ovalis (E.Mey. ex Harv.) Tiegh.
Loranthus ovalis E.Mey. ex Harv. (1)
S. glauca (Thunb.) Tiegh. var. *ovalis* (E.Mey. ex Harv.) Balle (1)
Taxillus ovalis (E.Mey. ex Harv.) Danser (1)
Perennial. Shrub, parasite. Ht ± 2 m. Alt 50–610 m. N, NC

TAPINANTHUS (Blume) Rchb. 2074010

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t .336.
(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 372.
(3) Danser. 1933. *Verhandelingen der Koninklijke Akademie van Wetenschappen te Amsterdam*. Sect. 2, 29,6: 1–128.
(4) Wiens & Tölken. 1979. *FSA* 10: 3–23.
(5) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: t. 20–24.
(6) Polhill & Wiens. 1998. *Mistletoes of Africa*: 183–206.

bolusii (Sprague) Danser = **Oncocalyx bolusii**

carsonii (Baker & Sprague) Danser = **Agelanthus pungu**

ceciliae (N.E.Br.) Danser = **Agelanthus pungu**

cinereus (Engl.) Danser = **Phragmanthera cinerea**

cistoides (Welw. ex Engl.) Danser = **Phragmanthera glaucocarpa**

crassifolius Wiens = **Agelanthus crassifolius**

discolor (Schinz) Danser = **Agelanthus discolor**

dombeyae (K.Krause & Dinter) Danser = **Phragmanthera dombeyae**

elegantissimus (Schinz) Danser = **Oncocalyx welwitschii**

englerianus (K.Krause & Dinter) Danser = **Oncocalyx welwitschii**

forbesii (Sprague) Wiens
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *forbesii* Sprague (4)
Perennial, shrub, parasite. Ht ± 1 m. Alt 300–640 m. LIM, M, S

glaucocarpus (Peyr.) Danser = **Phragmanthera glaucocarpa**

gracilis Tölken & Wiens = **Agelanthus gracilis**

guerichii (Engl.) Danser = **Phragmanthera guerichii**

kraussianus (Meisn.) Tiegh. subsp. *kraussianus* = **Agelanthus kraussianus**

kraussianus (Meisn.) Tiegh. subsp. *transvaalensis* (Sprague) Wiens = **Agelanthus transvaalensis**

leendertziae (Sprague) Wiens = **T. quequensis**

lugardii (N.E.Br.) Danser = **Agelanthus lugardii**

minor (Harv.) Danser = **Agelanthus natalitius** subsp. **zeyheri**

minor (Sprague.) Danser, illegitimate name = **Agelanthus gracilis**

mollissimus (Engl.) Danser
Loranthus mollissimus Engl. (4)
Perennial, shrub, parasite. Ht ± 1.5 m. Alt? N

moorei (Sprague) Danser = **Agelanthus natalitius** subsp. **natalitius**

namaquensis (Harv.) Tiegh. = **T. oleifolius**

natalitius (Meisn.) Danser subsp. *natalitius* = **Agelanthus natalitius** subsp. **natalitius**

natalitius (Meisn.) Danser subsp. *zeyheri* (Harv.) Wiens = **Agelanthus natalitius** subsp. **zeyheri**

oleifolius (J.C.Wendl.) Danser
Lichtensteinia oleifolia J.C.Wendl. (4)
Loranthus meyeri C.Presl (4)
Loranthus meyeri C.Presl var. *inachabensis* Engl. (4)
Loranthus namaquensis Harv. (4)
Loranthus namaquensis Harv. var. *ligustrifolius* Engl. (4)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. (4)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *luteus* Neusser (4)
Loranthus speciosus F.Dietr. (4)
T. namaquensis (Harv.) Tiegh. (4)
Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 70–1950 m. N, B, LIM, NW, FS, NC

prunifolius (E.Mey. ex Harv.) Tiegh. = **Agelanthus prunifolius**

quequensis (Weim.) Polhill & Wiens
Lorantlius oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *leendertziae* Sprague (4)
Loranthus quequensis Weim. (6)
T. leendertziae (Sprague) Wiens (6)
Perennial. Shrub, parasite. Ht 0.2–1.5 m. Alt 365–1525 m. LIM, NW, G, M, FS

quinquenervius (Hochst.) Danser = **Oncocalyx quinquenervius**

rubromarginatus (Engl.) Danser
Loranthus glabriflorus Conrath (6)
Loranthus rubromarginatus Engl. (4)
Perennial. Shrub, parasite. Ht 0.02–1.5 m. Alt 303–1800 m. LIM, NW, G, M, S, KZN

sambesiacus (Engl. & Schinz) Danser = **Agelanthus sambesiacus**

terminaliae (Engl. & Gilg) Danser = **Agelanthus terminaliae**

welwitschii (Engl.) Danser = **Oncocalyx welwitschii**

wyliei (Sprague) Danser = **Actinanthella wyliei**

zeyheri (Harv.) Danser = **Agelanthus natalitius** subsp. **zeyheri**

TAXILLUS Tiegh. 2074170

ovalis (E.Mey. ex Harv.) Danser = **Septulina ovalis**

TIEGHEMIA Balle 2074020

bolusii (Sprague) Wiens = **Oncocalyx bolusii**

quinquenervius (Hochst.) Balle, as '*quinquenervis*' = **Oncocalyx quinquenervius**

rogersii (Sprague ex Burtt Davy) Wiens = **Oncocalyx bolusii**

VANWYKIA Wiens 2074050

(1) Wiens & Tölken. 1979. *FSA* 10: 28,29.
(2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 2–5.

remota (Baker & Sprague) Wiens
Loranthus remotus Baker & Sprague (1)
Perennial. Shrub, parasite. Ht ± 1.5 m. Alt? LIM

LYTHRACEAE

Compiled by C.L. Bredenkamp

AMMANNIA L. 5474000

(1) Sonder. 1850. *Linnaea* 23: 40, 41.
(2) Hiern. 1871. *FTA* 2: 476–481.
(3) Fernandes. 1978. *FZ* 4: 305–309.
(4) Immelman. 1991. *Bothalia* 21: 40, 41.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 110, 111.

anagalloides Sond. = **Nesaea anagalloides**

aspera Guill. & Perr. = **Nesaea aspera**

auriculata Willd. var. **auriculata**
Annual. Herb. Ht 0.06–0.45 m. Alt 305–940 m. N, B, M

baccifera L. subsp. **baccifera**
A. wormskioldii Fisch. & C.A.Mey. (4)
A. wormskioldii Fisch. & C.A.Mey. var. *alata* Koehne (4)
Annual. Herb. Ht 0.03–0.45 m. Alt 800–1240 m. N, B, LIM, NW, G, M, S, FS, EC

crassicaulis Guill. & Perr. = **Nesaea crassicaulis**

passerinoides Hiern = **Nesaea passerinoides**

prieuriana Guill. & Perr.
A. pusilla Sond. (4)
Annual. Herb. Ht 0.22–1 m. Alt 45–1280 m. B, LIM, NW, G, M, S, FS, KZN

pusilla Sond. = **A. prieuriana**

sarcophylla Hiern = **Nesaea sarcophylla**

senegalensis Lam. ex Poir.
Annual. Herb. Ht 0.07–0.55 m. Alt? N, B, LIM, M, S, KZN

wormskioldii Fisch. & C.A.Mey. = **A. baccifera** subsp. **baccifera**

wormskioldii Fisch. & C.A.Mey. var. *alata* Koehne = **A. baccifera** subsp. **baccifera**

GALPINIA N.E.Br. 5480000

(1) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1591.
(2) Fernandes. 1978. *FZ* 4: 279, 280.

transvaalica N.E.Br.
Perennial. Tree, shrub. Ht 1.21–6 m. Alt 30–1310 m. LIM, G, M, S, KZN

*HEIMIA Link 5487000

(1) Chamisso & Von Schlechtendal. 1827. *Linnaea* 2: 346–348.
(2) Koehne. 1903. *Das Pflanzenreich*. 17: 241.

myrtifolia Cham. & Schltdl.
Perennial. Shrub. Ht 0.61–1 m. Alt ± 650 m. KZN, EC

*LYTHRUM L. 5476000

(1) Lagasca. 1816. *Genera et species plantarum*: 1–35.
(2) Sonder. 1894. *FC* 2: 514–517.
(3) Webb. 1968. *Flora europaea* 2: 300–302.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 111.
(5) Randall & Marinelli. 1996. *Invasive plants: weeds of the global garden*: 81.

hyssopifolia L.
Perennial. Hydrophyte, herb. Ht 0.1–0.3 m. Alt 28–300 m. NW, WC, EC

rigidulum Sond. = **Nesaea rigidula**

salicaria L.
Perennial. Herb. Ht ± 1 m. Alt? WC

NESAEA Kunth 5486000

(1) Koehne. 1882. *Botanische Jahrbücher* 3: 321–339.
(2) Koehne. 1895. *Botanische Jahrbücher* 22: 149–152.
(3) Koehne. 1903. *Das Pflanzenreich* 17: 221–241.
(4) Fernandes. 1978. *FZ* 4: 281–305.
(5) Fernandes. 1980. *Garcia de Orta* 4: 189–192.
(6) Fernandes. 1980. *Flora de Moçambique* 73: 7–36.
(7) Immelman. 1991. *Bothalia* 21: 35–49.
(8) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 111, 112.

alata Immelman
Annual. Herb. Ht ± 0.45 m. Alt ± 500 m. LIM, S

anagalloides (Sond.) Koehne
Ammannia anagalloides Sond. (1)
Annual. Herb. Ht ± 0.25 m. Alt ± 1465 m. LIM, NW, G, FS, NC

angustifolia A.Fern. & Diniz (not *FSA*)
N. angustifolia Immelman, misapplied name (7)

angustifolia Immelman, misapplied name = **N. angustifolia**

aspera (Guill. & Perr.) Koehne
Ammannia aspera Guill. & Perr. (7)
Annual. Herb. Ht 0.2–0.25 m. Alt? N

cordata Hiern
Annual. Herb. Ht 0.03–0.25 m. Alt 460–1480 m. N, B, LIM, NW, G, M, S, KZN

crassicaulis (Guill. & Perr.) Koehne
Ammannia crassicaulis Guill. & Perr. (7)
Annual. Hydrophyte, herb. Ht 0.1–2 m. Alt 2–1005 m. N, B, LIM, KZN

cymosa Immelman
Annual. Herb. Ht ± 0.08 m. Alt? N, NC

dinteri Koehne subsp. **dinteri**
Annual. Herb. Ht? Alt? N

dinteri Koehne subsp. **elata** A.Fern.
N. transvaalica A.Fern. (7)
Annual. Herb. Ht 0.13–0.65 m. Alt? N, B, LIM, M, S

drummondii A.Fern.
Annual. Herb. Ht ± 0.3 m. Alt ± 1372 m. N, B, LIM, NW

floribunda Sond. = **N. radicans** var. **floribunda**

heptamera Hiern
Perennial. Herb. Ht ± 0.3 m. Alt ± 610 m. LIM, M, S

kuntzei Koehne = **N. schinzii**

luederitzii Koehne var. **hereroensis** Koehne
Perennial. Dwarf shrub. Ht ± 0.65 m. Alt? N

luederitzii Koehne var. **luederitzii**
Perennial. Dwarf shrub. Ht 0.3–0.55 m. Alt ± 2000 m. N

minima Immelman
Annual. Herb. Ht ± 0.02 m. Alt? B

ondongana Koehne subsp. **ondongana** var. **evansiana** (A.Fern. & Diniz) A.Fern.
Annual. Hydrophyte, herb. Ht ± 0.08 m. Alt? N, B, S

ondongana Koehne subsp. **ondongana** var. **ondongana**
Annual. Herb. Ht 0.2–0.5 m. Alt 896–1050 m. N, B

passerinoides (Hiern) Koehne
Ammannia passerinoides Hiern (7)
Perennial. Dwarf shrub. Ht 0.6–0.91 m. Alt 185–1220 m. B, M

radicans Guill. & Perr. var. **floribunda** (Sond.) A.Fern.
N. floribunda Sond. (7)
Perennial. Herb. Ht 0.3–0.75 m. Alt 30–1000 m. B, LIM, M, S, KZN, EC

radicans Guill. & Perr. var. **radicans**
Perennial. Herb. Ht ± 0.75 m. Alt? B

rautanenii Koehne
Annual. Hydrophyte, herb. Ht 0.035–0.04 m. Alt? N

rigidula (Sond.) Koehne
Lythrum rigidulum Sond. (7)
Perennial. Herb. Ht 0.15–0.3 m. Alt 945–1220 m. N, B, LIM, NW, G

rivularis (J.M.Wood & M.S.Evans) Koehne = **N. schinzii**

sagittifolia (Sond.) Koehne var. **ericiformis** Koehne forma **ericiformis**
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt ± 1167 m. KZN, EC

sagittifolia (Sond.) Koehne var. **ericiformis** Koehne forma **swaziensis** Immelman
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt 833–1167 m. M, S

sagittifolia (Sond.) Koehne var. *glabrescens* Koehne = **N. sagittifolia** var. **sagittifolia**

sagittifolia (Sond.) Koehne var. **sagittifolia**
N. sagittifolia (Sond.) Koehne var. *glabrescens* Koehne (7)
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt 365–2000 m. LIM, NW, G, M, S, FS, KZN, EC

saluta Immelman
Annual. Herb. Ht ± 0.2 m. Alt? N

sarcophylla (Hiern) Koehne
Ammannia sarcophylla Hiern (7)
Annual. Herb. Ht ± 0.2 m. Alt? N

schinzii Koehne
N. kuntzei Koehne (7)
N. rivularis (J.M.Wood & M.S.Evans) Koehne (7)
N. schinzii Koehne var. *fleckii* Koehne (7)
N. schinzii Koehne var. *rehmannii* Koehne (7)
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 155–1735 m. N, B, LIM, G, M, S, FS, KZN, L

schinzii Koehne var. *fleckii* Koehne = **N. schinzii**

schinzii Koehne var. *rehmannii* Koehne = **N. schinzii**

schlechteri A.Fern.
Annual. Herb. Ht ± 0.2 m. Alt ± 780 m. N, LIM

teixeirae A.Fern.
Annual. Herb. Ht 0.25–0.45 m. Alt? N

tolypobotrys Koehne
Annual, occ. perennial. Herb. Ht 0.08–0.6 m. Alt 2–140 m. M, KZN, EC

transvaalica A.Fern. = **N. dinteri** subsp. **elata**

wardii Immelman
Annual. Herb. Ht up to 0.35 m. Alt? KZN

woodii Koehne
Perennial. Herb. Ht ± 0.5 m. Alt? KZN

zambatidis Immelman
Annual. Herb. Ht ± 0.3 m. Alt? LIM, M, S

ROTALA L. 5473000

(1) Hiern. 1871. *FTA* 2: 466–469.
(2) Cook. 1979. *Boissiera* 29: 7–155.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 112, 113.

capensis (Harv.) A.Fern. & Diniz
Annual. Hydrophyte, herb. Ht 0.02–0.15 m. Alt 1800–2179 m. LIM, M, FS, KZN, L

dinteri Koehne
Annual, occ. perennial. Hydrophyte, herb. Ht 0.05–0.16 m. Alt ?–1500 m. N

filiformis (Bellardi) Hiern
R. heterophylla Welw. ex A.Fern. & Diniz (2)
Annual, occ. perennial. Hydrophyte, herb. Ht 0.05–0.12 m. Alt ?–1500 m. B, LIM, G, M

fluitans Pohnert
R. tetragonocalyx A.Fern. & Diniz (2)
Annual, occ. perennial. Hydrophyte, herb. Ht 0.03–0.7 m. Alt ?–1030 m. N, B

heterophylla Welw. ex A.Fern. & Diniz = **R. filiformis**

mexicana Cham. & Schltdl.
Annual. Hydrophyte, herb. Ht? Alt? N, G

myriophylloides Welw. ex Hiern
Annual, occ. perennial. Hydrophyte, herb. Ht up to 2 m. Alt 940–1524 m. N, B

submersa Pohnert = **R. tenella**

tenella (Guill. & Perr.) Hiern
R. submersa Pohnert (2)
Annual, occ. perennial. Hydrophyte, herb. Ht 0.03–0.4 m. Alt 610–1220 m. N, B, LIM, G, M, KZN

tetragonocalyx A.Fern. & Diniz = **R. fluitans**

MAESACEAE

Compiled by C.L. Bredenkamp

BAEOBOTRYS Forst. 6283010

lanceolata (Forssk.) Vahl = **Maesa lanceolata**

MAESA Forssk. 6283000

(1) Dyer. 1963. *FSA* 26: 2, 3.
(2) Taton. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 211–218.
(3) Kupicha. 1983. *FZ* 7,1: 198–201.
(4) Halliday. 1984. *FTEA* Myrsinaceae: 2–5.
(5) Anderberg *et al.* 2000. *Taxon* 49: 183–187.

alnifolia Harv.
Perennial. Shrub. Ht ± 1.5 m. Alt 1– 890 m. KZN, EC

angolensis Gilg = **M. lanceolata**

lanceolata Forssk.
Baeobotrys lanceolata (Forssk.) Vahl (3)
M. angolensis Gilg (1, 3)
M. lanceolata Forssk. var. *mildbraedii* (Gilg & Schellenb.) Lebrun (4)
M. lanceolata Forssk. var. *rufescens* (A.DC.) Taton (4)
M. palustris Hochst. (1)
M. rufescens A.DC. (1, 3, 4)
Perennial. Tree, shrub. Ht 2–10 m. Alt. 1–1400 m. LIM, M, S, KZN, EC

lanceolata Forssk. var. *mildbraedii* (Gilg & Schellenb.) Lebrun = **M. lanceolata**

lanceolata Forssk. var. *rufescens* (A.DC.) Taton = **M. lanceolata**

palustris Hochst. = **M. lanceolata**

rufescens A.DC. = **M. lanceolata**

MALPIGHIACEAE

Compiled by R.H. Archer

ACRIDOCARPUS Guill. & Perr. 4220000

(1) Launert. 1963. *FZ* 2: 109–113.
(2) Immelman. 1986. *FSA* 18,3: 69–71.

angolensis A.Juss. = **Sphedamnocarpus pruriens** subsp. **pruriens**

galphimiifolius A.Juss. = **Sphedamnocarpus pruriens** subsp. **galphimiifolius**

natalitius A.Juss. var. *acuminatus* Nied. = **A. natalitius** var. **natalitius**

natalitius A.Juss. var. **linearifolius** Launert
Perennial. Tree, shrub, climber. Ht 1–3 m. Alt 25–1000 m. S, KZN

natalitius A.Juss. var. **natalitius**
A. natalitius A.Juss. var. *acuminatus* Nied. (2)
A. natalitius A.Juss. var. *obtusus* Nied. (2)
A. pondoensis Eng. ex Nied. (2)
A. reticulatus Burtt Davy (2)
Perennial. Tree, shrub, climber. Ht 0.5–7.5 m. Alt 10–1285 m. LIM, M, S, KZN, EC

natalitius A.Juss. var. *obtusus* Nied. = **A. natalitius** var. **natalitius**

pondoensis Eng. ex Nied. = **A. natalitius** var. **natalitius**

pruriens A.Juss. = **Sphedamnocarpus pruriens** subsp. **pruriens**

pruriens A.Juss. var. *laevigatus* Sond. = **Sphedamnocarpus pruriens** subsp. **galphimiifolius**

reticulatus Burtt Davy = **A. natalitius** var. **natalitius**

SPHEDAMNOCARPUS Planch. ex Benth. & Hook.f. 4219000

(1) Launert. 1963. *FZ* 2: 119–125.
(2) De Villiers & Botha. 1986. *FSA* 18,3: 66–69.

angolensis (A.Juss.) Planch. ex Oliv. = **S. pruriens** subsp. **pruriens**

angolensis (A.Juss.) Planch. ex Oliv. var. *pulcherrimus* (Engl. & Gilg) Nied. = **S. pruriens** subsp. **pruriens**

galphimiifolius (A.Juss.) Szyszyl. subsp. *galphimiifolius* = **S. pruriens** subsp. **galphimiifolius**

galphimiifolius (A.Juss.) Szyszyl. subsp. *rehmannii* (Szyszyl.) Launert = **S. pruriens** subsp. **galphimiifolius**

latifolius (Engl.) Nied. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. forma *brevipedunculatus* Nicd. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. forma *longipedunculatus* Nied. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. forma *wilmsii* (Engl.) Nied. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. subsp. **galphimiifolius** (A.Juss.) P.D.de Villiers & D.J.Botha
Acridocarpus galphimiifolius A.Juss. (2)
Acridocarpus pruriens A.Juss. var. *laevigatus* Sond. (2)
S. galphimiifolius (A.Juss.) Szyszyl. subsp. *galphimiifolius* (2)
S. galphimiifolius (A.Juss.) Szyszyl. subsp. *rehmannii* (Szyszyl.) Launert (2)
S. rehmannii Szyszyl. (2)
S. rogersii Burtt Davy (2)
S. transvalicus (Kuntze) Burtt Davy (2)
S. woodianus Arènes (2)
Triaspis transvalica Kuntze (2)
Perennial. Shrub, climber. Ht 0.3–5 m. Alt 15–2000 m. B, LIM, NW, S, FS, KZN

pruriens (A.Juss.) Szyszyl. subsp. **pruriens**
Acridocarpus angolensis A.Juss. (2)
Acridocarpus pruriens A.Juss. (2)
S. angolensis (A.Juss.) Planch. ex Oliv. (2)
S. angolensis (A.Juss.) Planch. ex Oliv. var. *pulcherrimus* (Engl. & Gilg) Nied. (2)
S. latifolius (Engl.) Nied. (2)
S. pruriens (A.Juss.) Szyszyl. forma *brevipedunculatus* Nied. (2)
S. pruriens (A.Juss.) Szyszyl. forma *longipedunculatus* Nied. (2)
S. pruriens (A.Juss.) Szyszyl. forma *wilmsii* (Engl.) Nied. (2)
S. pruriens (A.Juss.) Szyszyl. var. *lanceolatus* Launert (2)
S. pruriens (A.Juss.) Szyszyl. var. *latifolius* Engl. (2)
S. pruriens (A.Juss.) Szyszyl. var. *platypterus* Arènes (2)
S. pulcherrimus Engl. & Gilg (2)
S. wilmsii Engl. (2)
Perennial. Shrub, climber. Ht 0.1–5 m. Alt 30–2500 m. N, B, LIM, NW, G, M, S, KZN, NC

pruriens (A.Juss.) Szyszyl. var. *lanceolatus* Launert = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. var. *latifolius* Engl. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. var. *platypterus* Arènes = **S. pruriens** subsp. **pruriens**

pulcherrimus Engl. & Gilg = **S. pruriens** subsp. **pruriens**

rehmannii Szyszyl. = **S. pruriens** subsp. **galphimiifolius**

rogersii Burtt Davy = **S. pruriens** subsp. **galphimiifolius**

transvalicus (Kuntze) Burtt Davy = **S. pruriens** subsp. **galphimiifolius**

wilmsii Engl. = **S. pruriens** subsp. **pruriens**

woodianus Arènes = **S. pruriens** subsp. **galphimiifolius**

TRIASPIS Burch. 4206000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 109.
(2) Immelman. 1986. *FSA* 18,3: 63–66.

canescens Engl. = **T. hypericoides** subsp. **canescens**

glaucophylla Engl.
T. leendertziae Burtt Davy (2)
Perennial. Shrub, climber. Ht 1–4.5 m. Alt 760–1150 m. LIM, NW, M

hypericoides (DC.) Burch. subsp. **canescens** (Engl.) Immelman
T. canescens Engl. (2)
T. nelsonii Oliv. subsp. *canescens* (Engl.) Launert (2)
Perennial. Shrub, climber. Ht 0.5–3 m. Alt ± 750 m. M

hypericoides (DC.) Burch. subsp. **hypericoides**
Perennial. Shrub, climber. Ht 0.5–3 m. Alt 500–1000 m. B, NC

hypericoides (DC.) Burch. subsp. **nelsonii** (Oliv.) Immelman
T. nelsonii Oliv. (2)
T. nelsonii Oliv. var. *austro-occidentalis* Schinz (2)
T. ovata Bremek. (2)
T. rogersii Burtt Davy (2)
T. ternata Greenway & Burtt Davy (2)
T. thorncroftii Burtt Davy (2)
Perennial. Shrub, climber. Ht 0.5–3 m. Alt 315–2500 m. N, LIM, NW, M

leendertziae Burtt Davy = **T. glaucophylla**

nelsonii Oliv. = **T. hypericoides** subsp. **nelsonii**

nelsonii Oliv. subsp. *canescens* (Engl.) Launert = **T. hypericoides** subsp. **canescens**

nelsonii Oliv. var. *austro-occidentalis* Schinz = **T. hypericoides** subsp. **nelsonii**

ovata Bremek. = **T. hypericoides** subsp. **nelsonii**

rogersii Burtt Davy = **T. hypericoides** subsp. **nelsonii**

ternata Greenway & Burtt Davy = **T. hypericoides** subsp. **nelsonii**

thorncroftii Burtt Davy = **T. hypericoides** subsp. **nelsonii**

transvalica Kuntze = **Sphedamnocarpus pruriens** subsp. **galphimiifolius**

MALVACEAE

Compiled by C.L. Bredenkamp & O.A. Leistner

*ABELMOSCHUS Medik. 5014000

(1) Exell. 1961. *FZ* 1: 423–426.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 187.

esculentus (L.) Moench
Hibiscus esculentus L.
Annual, perennial. Herb. Ht 1–2 m. Alt 1070–1370 m. G, KZN

ABUTILON Mill. 4983000

(1) Meeuse. 1961. *FZ* 1: 484–499.
(2) Roessler. 1969. *FSWA* 82: 2–7.
(3) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 36.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 187, 188.

angulatum (Guill. & Perr.) Mast. var. **angulatum**
A. intermedium Hochst. ex Garcke (1)
Perennial. Shrub. Ht 1–3 m. Alt 273–1650 m. N, B, LIM, NW, G, M

angulatum (Guill. & Perr.) Mast. var. **macrophyllum** (Baker f.) Hochr.
Perennial. Shrub. Ht 2–3.04 m. Alt 90–870 m. N, LIM, NW, KZN

asiaticum in sense of Garcke, misapplied name = **A. guineense**

austro-africanum Hochr.

Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 60–1370 m. N, B, LIM, NW, G, M, S, KZN, NC

dinteri Ulbr.
A. sonneratianum in sense of F.Bolus, L.Bolus & Glover, not of (Cav.) Sweet, misapplied name (2)
Perennial. Shrub, herb. Ht 0.45–1.82 m. Alt up to 2000 m. N, NC

engleranum Ulbr.
A. membranifolium Baker f. (1)
Perennial. Shrub. Ht 0.5–3.04 m. Alt ± 940 m. N, B

flanaganii A.Meeuse
Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt? EC

flavum Ulbr. = **A. pycnodon**

fruticosum Guill. & Perr.
Perennial. Shrub. Ht 0.15–1.25 m. Alt 275–1800 m. N, B, LIM, M

galpinii A.Meeuse
Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 25–1525 m. NW, M, S, FS, KZN

grandiflorum G.Don
A. indicum in sense of Mast., not of Sweet, misapplied name (1)
Annual. Shrub, herb. Ht 0.35–1.82 m. Alt 5–1065 m. LIM, M, S, KZN

grandifolium (Willd.) Sweet
A. mollisimum of author, not of (Cav.) Sweet, concept invalid (5)
Perennial. Shrub. Ht 1.5–3 m. Alt 490–1400 m. KZN, EC

grantii A.Meeuse
A. indicum in sense of Harv., not of Sweet, misapplied name (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 5–1310 m. KZN, EC

graveolens (Roxb. ex Hornem.) Wight & Arn. = **A. hirtum** var. **hirtum**

guineense (K.Schum.) Baker f. & Exell
A. asiaticum in sense of Garcke, misapplied name (1)
Annual. Shrub, herb. Ht 1–1.5 m. Alt 90–460 m. LIM, M, S, KZN

harmsianum Ulbr. = **A. ramosum**

hirtum (Lam.) Sweet var. **hirtum**
A. graveolens (Roxb. ex Hornem.) Wight & Arn. (1)
A. lugardii Hochr. (1)
Annual, occ. perennial. Shrub, herb. Ht 0.3–1.52 m. Alt 550–915 m. N, B, LIM

indicum in sense of Harv., not of Sweet, misapplied name = **A. grantii**

indicum in sense of Mast., not of Sweet, misapplied name = **A. grandiflorum**

intermedium Hochst. ex Garcke = **A. angulatum** var. **angulatum**

lauraster Hochr.
Annual. Shrub, herb. Ht 1–2 m. Alt? LIM

lugardii Hochr. = **A. hirtum** var. **hirtum**

marlothii Ulbr. = **A. pycnodon**

matopense Gibbs = **A. pycnodon**

mauritianum (Jacq.) Medik.
A. zanzibaricum Bojer ex Mast. (1)
Annual, occ. perennial. Shrub. Ht 1.21–1.82 m. Alt 275–730 m. B, LIM, M, KZN

membranifolium Baker f. = **A. engleranum**

mendoncae Baker f. = **A. pycnodon**

mollisimum of author, not of (Cav.) Sweet, concept invalid = **A. grandifolium**

piloso-cinereum A.Meeuse
Annual. Shrub, herb. Ht 0.2–1.5 m. Alt 590–1675 m. LIM, NW, G, M, FS

pycnodon Hochr.
A. flavum Ulbr. (2)
A. marlothii Ulbr. (2)
A. matopense Gibbs (5)
A. mendoncae Baker f. (2)
A. salmoneum Ulbr. (2)
Biennial. Shrub, herb. Ht 0.3–2 m. Alt 290–2135 m. N, B, LIM, NW, G, NC, WC

ramosum (Cav.) Guill. & Perr.
A. harmsianum Ulbr. (1)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 450–1370 m. N, B, LIM, NW, M

rehmannii Baker f.
A. seineri Ulbr. (1)
Annual. Shrub, herb. Ht 0.7–1.5 m. Alt 500–1300 m. N, B, LIM, NW, M, NC

salmoneum Ulbr. = **A. pycnodon**

seineri Ulbr. = **A. rehmannii**

sonneratianum (Cav.) Sweet
A. umtaliense Baker f. (1)
Perennial. Shrub. Ht 0.18–2 m. Alt 5–2750 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

sonneratianum in sense of F.Bolus, L.Bolus & Glover, not of (Cav.) Sweet, misapplied name = **A. dinteri**

***theophrasti** Medik.
Perennial. Herb. Ht? Alt? M, KZN

umtaliense Baker f. = **A. sonneratianum**

zanzibaricum Bojer ex Mast. = **A. mauritianum**

ALLENIA E.Phillips 5013020

urens (L.f.) E.Phillips = **Radyera urens**

ALTHAEA L. 4991000

(1) Roessler. 1969. *FSWA* 82,3: 7.

burchellii DC. = **Pavonia burchellii**

ludwigii L.
Annual. Herb. Ht ± 0.5 m. Alt ?–1005 m. N, NC

ANISODONTEA C.Presl 4986010

(1) Bates. 1969. *Gentes Herbarum* 10,3: 215–383.

alexandri (Baker f.) Bates
Malvastrum alexandri Baker f. (1)
Perennial. Shrub. Ht 0.1–0.3 m. Alt? EC

anomala (Link & Otto) Bates
A. dregeana Presl (1)
Malva anomala Link & Otto (1)
Malva divaricata in sense of Harv., not of Andrews, misapplied name (1)
Sphaeralcea dregeana (C.Presl) Harv. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 550–3000 m. NC, WC

biflora (Desr.) Bates
Malvastrum albens Harv. (1)
Malvastrum grosulariifolium in sense of Garcke, not of A.Gray, also not of A.Gray & Harv., misapplied name (1)
Malveopsis albens (Harv.) Kuntze (1)
Perennial. Shrub. Ht 0.5–1.82 m. Alt 500–1200 m. WC

bryoniifolia (L.) Bates
Malvastrum asperrimum (Jacq.) A.Gray & Harv. (1)
Malvastrum asperrimum (Jacq.) A.Gray & Harv. var. *stellatum* (Thunb.) Harv. (1)
Malvastrum bryoniifolium (L.) A.Gray & Harv. (1)
Malveopsis asperrima (Jacq.) Kuntze (1)
Malveopsis bryoniifolia (L.) Kuntze (1)
Perennial. Shrub. Ht 1.37–2.5 m. Alt 700–3200 m. NC, WC

capensis (L.) Bates
Malva capensis L. var. *capensis* (1)
Malvastrum capense (L.) A.Gray & Harv., as to basionym (1)
Malvastrum capense (L.) A.Gray & Harv. var. *glabrescens* Harv., as to basionym (1)
Malvastrum divaricatum (Andrews) A.Gray & Harv. (1)
Malvastrum virgatum (Murray) A.Gray & Harv., as to basionym (1)
Malvastrum virgatum (Murray) A.Gray & Harv. var. *dillenianum* (Eckl. & Zeyh.) Harv., as to basionym (1)
Perennial. Shrub. Ht 0.76–1.21 m. Alt 670–2167 m. NC, WC, EC

dissecta (Harv.) Bates
Malvastrum dissectum Harv. (1)
Malveopsis dissecta (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

dregeana Presl = **A. anomala**

elegans (Cav.) Bates
Malva elegans Cav. (1)
Sphaeralcea elegans (Cav.) G.Don (1)
Perennial. Shrub. Ht 0.6–1.76 m. Alt 800–1700 m. WC

fruticosa (P.J.Bergius) Bates
Malvastrum tridactyles (Cav.) A.Gray & Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *glabrum* Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *puberulum* Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *stellatum* Harv. (1)
Perennial. Shrub. Ht 0.8–1.52 m. Alt 800–1000 m. WC

gracilis Bates
Perennial. Dwarf shrub. Ht? Alt? WC

julii (Burch. ex DC.) Bates subsp. **julii**
Sphaeralcea julii (Burch. ex DC.) Baker f. (1)
Sphaeralcea pannosa in sense of E.Phillips, not of Bolus, misapplied name (1)
Sphaeroma julii (Burch. ex DC.) Harv. (1)
Perennial. Shrub. Ht 0.81–2 m. Alt 1700–2900 m. FS, KZN, L, EC

julii (Burch. ex DC.) Bates subsp. **pannosa** (Bolus) Bates
Sphaeralcea pannosa Bolus (1)
Sphaeroma pannosum (Bolus) Kuntze (1)
Perennial. Shrub. Ht 1–2.5 m. Alt 1–2300 m. KZN

julii (Burch. ex DC.) Bates subsp. **prostrata** (E.Mey. ex Turcz.) Bates
Sphaeralcea prostrata (Harv.) Baker f. var. *mollis* (Harv.) Baker f. (1)
Sphaeralcea prostrata (Turcz.) Baker f. (1)
Sphaeroma prostratum (Turcz.) Harv. var. *molle* Harv. (1)
Sphaeroma prostratum (Turcz.) Harv. var. *prostrata* (Turcz.) Baker f. (1)
Perennial. Shrub. Ht 1.5–2.74 m. Alt 1400–2100 m. FS, KZN, L, EC

malvastroides (Baker f.) Bates
Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1829 m. NC, WC, EC

procumbens (Harv.) Bates
Malvastrum procumbens Harv. (1)
Perennial. Shrub. Ht 1–1.21 m. Alt ± 830 m. WC

pseudocapensis Bates
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 200–400 m. WC

racemosa (Harv.) Bates
Malvastrum racemosum Harv. (1)
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 812–1000 m. NC, WC

reflexa (J.C.Wendl.) Bates
Perennial. Shrub. Ht 0.91–3.04 m. Alt 381–1300 m. WC, EC

scabrosa (L.) Bates
Malva capensis L. var. *scabrosa* (L.) L. (1)
Malva capensis of author,. not of L., concept invalid (1)
Malva retusa Cav. (1)
Malvastrum angustifolium (Harv.) Stapf (1)
Malvastrum calycinum (Cav.) A.Gray & Harv. (1)
Malvastrum capense in sense of A.Gray & Harv. excl. basionym, misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *balsamicum* (Jacq.) Harv., misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *fragrans* (Jacq.) Baker, misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *glabrescens* in sense of Harv. excl. basionym, misapplied name (1)
Malvastrum fragrans (Jacq.) A.Gray & Harv. (1)
Malvastrum grosulariifolium (Cav.) A.Gray & Harv. (1)
Malvastrum riparium Hutch. (1)
Malvastrum scabrosum (L.) Stapf (1)
Malvastrum strictum (Jacq.) A.Gray & Harv. (1)
Malvastrum virgatum in sense of A.Gray & Harv. excl. basionym, misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *angustifolium* Harv., misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *dillenianum* in sense of Harv., misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *oblongifolium* Harv., misapplied name (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–3.66 m. Alt 2–1525 m. KZN, NC, WC, EC

setosa (Harv.) Bates
Malvastrum alexandri in sense of Hutch., misapplied name (1)
Malvastrum setosum Harv. (1)
Malveopsis setosa (Harv.) Kuntze (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 76–300 m. WC

theronii Bates
Biennial. Shrub. Ht ± 1.2 m. Alt ± 800 m. WC

triloba (Thunb.) Bates
Malvastrum grossulariifolium in sense of A.Gray & Harv. in part, misapplied name (1)
Malvastrum grossulariifolium in sense of A.Gray & Harv. var. *parvifolium* Harv. in part, misapplied name (1)
Perennial. Shrub. Ht 0.5–2.73 m. Alt 215–1600 m. NC, WC

*ANODA Cav. 5002000
(1) Correll & Johnston. 1970. *Manual of the vascular plants of Texas*: 1054.

cristata (L.) Schltdl.
Annual. Dwarf shrub, herb. Ht 0.45–0.53 m. Alt ?–1370 m. G

AZANZA Alef. 5018010
(1) Exell. 1961. *FZ* 1: 432–434.

garckeana (F.Hoffm.) Exell & Hillc.
Shantzia garckeana (F.Hoffm.) Lewton (1)
Thespesia garckeana F.Hoffm. (1)
Perennial. Tree, shrub. Ht 4–10 m. Alt up to 2000 m. N, B, LIM

CIENFUEGOSIA Cav. 5019000
(1) Exell. 1961. *FZ* 1: 426–428.
(2) Exell. 1969. *FSWA* 82: 7, 8.

anomala (Wawra ex Wawra & Peyr.) Gürke = **Gossypium anomalum** subsp. **anomalum**

digitata Cav.
Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 850–1050 m. N, B, LIM

gerrardii (Harv.) Hochr.
Fugosia gerrardii Harv. (1)
Perennial. Shrub, herb. Ht up to 1 m. Alt 460–1465 m. M, S, KZN

hildebrandtii Garcke
Perennial. Shrub, herb. Ht 0.22–1.52 m. Alt 106–1525 m. N, LIM, M, S, KZN

pentaphylla K.Schum. = **Gossypium anomalum** subsp. **anomalum**

triphylla (Harv.) K.Schum. = **Gossypium triphyllum**

FUGOSIA Juss. 5019010

gerrardii Harv. = **Cienfuegosia gerrardii**

triphylla Harv. = **Gossypium triphyllum**

FURCARIA DC. 5013050

surattensis Kostel. = **Hibiscus surattensis**

GOSSYPIOIDES Skovst. ex J.B.Hutch. 5020010

(1) Exell. 1961. *FZ* 1: 432.

kirkii (Mast.) J.B.Hutch.
Perennial. Shrub. Ht ± 3.04 m. Alt 30–65 m. KZN

GOSSYPIUM L. 5020000

(1) Exell. 1961. *FZ* 1: 428–431.
(2) Exell. 1969. *FSWA* 82: 8–10.
(3) Vollesen. 1987. *Kew Bulletin* 42: 337–349.
(4) Fryxell. 1992. *Rheedea* 2: 108–165.

anomalum Wawra ex Wawra & Peyr. subsp. **anomalum**
Cienfuegosia anomala (Wawra & Peyr.) Gürke (3)
Cienfuegosia pentaphylla K.Schum. (3)
Perennial. Dwarf shrub. Ht 0.5–2.43 m. Alt 600–1100 m. N

anomalum Wawra ex Wawra & Peyr. subsp. *triphyllum* (Harv.) Roberty = **G. triphyllum**

herbaceum L. subsp. **africanum** (Watt) Vollesen
G. herbaceum L. var. *africanum* (Watt) Hutch. & R.L.M.Ghose (3)
G. obtusifolium Roxb. ex G.Don var. *africanum* Watt (3)
G. transvaalense Watt (3)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–1220 m. N, B, LIM, M, S, KZN

herbaceum L. var. *africanum* (Watt) Hutch. & R.L.M.Ghose = **G. herbaceum** subsp. **africanum**

obtusifolium Roxb. ex G.Don var. *africanum* Watt = **G. herbaceum** subsp. **africanum**

transvaalense Watt = **G. herbaceum** subsp. **africanum**

triphyllum (Harv.) Hochr.
Cienfuegosia triphylla (Harv.) K.Schum. (3)
Fugosia triphylla Harv. (3)
G. anomalum Wawra ex Wawra & Peyr. subsp. *triphyllum* (Harv.) Roberty (3)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 900–1372 m. N, B

HIBISCUS L. 5013000

(1) Cavanilles. 1787. *Monadelphiae classis dissertationes decem. Diss.* 3.
(2) Drège. 1843. *Zwei pflanzengeographische Documente*: 192.
(3) Dyer. 1931. *The Flowering Plants of South Africa* 11: t. 436.
(4) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 514.
(5) Baker. 1938. *Journal of Botany, British and Foreign, London* 76: 22, 237.
(6) Baker. 1939. *Journal of Botany, British and Foreign, London* 77: 17–22.
(7) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1050.
(8) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1157.
(9) Exell. 1959. *Boletim da Sociedade Broteriana* 33: 165–181.
(10) Exell. 1961. *The Flowering Plants of Africa* 34: t. 1359.
(11) Exell. 1961. *FZ* 1: 434–472.
(12) Meeuse. 1961. *The Flowering Plants of Africa* 34: t. 1335.
(13) Verdoorn . 1966. *The Flowering Plants of Africa* 37: t. 1470.
(14) Exell. 1969. *FSWA* 82: 10–24.
(15) Roessler. 1985. *Botanische Jahrbücher* 107: 11–15.
(16) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 189–192.
(17) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2057.
(18) Cheek. 1992. *The Flowering Plants of Africa* 52: t. 2058.
(19) Wilson. 1999. *Bulletin of the Natural History Museum London, Botany* 29: 47–79.

aethiopicus L. var. **aethiopicus**
H. aethiopicus L. var. *genuinus* Hochr. (11)
Perennial. Herb. Ht 0.14–0.35 m. Alt 15–1200 m. N, B, NW, S, KZN, L, NC, WC, EC

aethiopicus L. var. **angustifolius** (Eckl. & Zeyh.) Exell
H. aethiopicus L. var. *diversifolius* Harv. (11)
H. ovatus Cav. var. *angustifolius* Eckl. & Zeyh. (11)
H. zeyheri Hochr. (11)
Perennial. Herb. Length ± 0.18 m. Alt ?–1050 m. KZN, EC

aethiopicus L. var. *diversifolius* Harv. = **H. aethiopicus** L. var. **angustifolius**

aethiopicus L. var. *genuinus* Hochr. = **H. aethiopicus** var. **aethiopicus**

aethiopicus L. var. **ovatus** Harv.
H. leiospermus Harv. (11)
H. ovatus Cav. (11)
Perennial. Herb. Ht 0.05–0.45 m. Alt 30–2135 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

allenii Sprague & Hutch.
Perennial. Dwarf shrub, herb. Ht up to 0.75 m. Alt ?–1400 m. N, B

altissimus Hornby
H. furcatus in sense of Harv., not of Roxb., misapplied name (11)
Perennial. Shrub, climber, scrambler. Ht 9.14–10 m. Alt 30–1200 m. LIM, KZN

aponeurus in sense of Burtt Davy, not of Sprague & Hutch., misapplied name = **H. barbosae**

aridus R.A.Dyer
Annual, occ. perennial. Herb, shrublet. Ht up to 0.15–0.3 m. Alt 230–610 m. EC

aristivalvis Garcke = **H. palmatus**

articulatus Hochst. ex A.Rich. var. **articulatus**
Perennial. Dwarf shrub, herb. Ht up to 0.75 m. Alt up to 1500 m. N

atromarginatus Eckl. & Zeyh. = **H. pusillus**

barbosae Exell
H. aponeurus in sense of Burtt Davy, not of Sprague & Hutch., misapplied name (11)
Perennial. Herb. Ht 0.45–1.51 m. Alt 212–1065 m. LIM, M, S, KZN

barnardii Exell
Perennial. Dwarf shrub, herb. Ht 0.8–1.21 m. Alt ± 765 m. LIM, M

berberidifolius Cufod., not of A. Rich. = **H. diversifolius** subsp. **diversifolius**

biflorus A.Spreng. = **H. diversifolius** subsp. **diversifolius**

caesius Garcke var. **caesius**
H. gibsonii Stocks ex Harv. (11)
H. pentaphyllus F.Muell. (11)
Perennial. Shrub. Ht 0.45–2 m. Alt 215–1400 m. N, B, LIM, NW

calycinus Willd., illegitimate name = **H. calyphyllus**

calyphyllus Cav.
H. calycinus Willd., illegitimate name (11)
Perennial. Dwarf shrub, herb. Ht 0.02–3 m. Alt 5–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

cancellatus Roxb. (insufficiently known)

cannabinus Hiern, not of L. in part, as to specimen *Welwitsch 5263* = **H. sabdariffa**

cannabinus Hochr., not of L. (1759) in part, as to synonym *H. acetosella* = **H. mechowii**

cannabinus in sense of Ulbr. & Fr., not of L. in part, as to specimen *Fries 954*, misapplied name = **H. nigricaulis**

cannabinus L.
H. sabdariffa L. subsp. *cannabinus* (L.) Panigrahi & Murti
Annual. Herb. Ht 0.7–2.74 m. Alt 15–1250 m. N, B, LIM, NW, G, M, S, KZN

castroi Baker f. & Exell var. **castroi**
Perennial. Shrub, dwarf shrub. Ht 0.45–1.5 m. Alt ?–320 m. N

coddii Exell
Perennial. Herb. Ht 0.5–1.5 m. Alt 305–792 m. LIM, M

cordatus Hochst. ex Webb, not of D.Dietr., also not of Harv. = **H. rhabdotospermus**

cordatus in sense of Harv., not of D.Dietr., also not of Hochst. ex Webb, misapplied name = **H. engleri**

cordatus in sense of J.G.García, misapplied name = **H. schinzii**

cucurbitinus Burch. = **Radyera urens**

dinteri Hochr.
Perennial. Shrub. Ht 0.9–2.43 m. Alt ?–1000 m. N

discophorus Hochr.
H. pseudosida Ulbr. (14)
Perennial. Herb. Ht up to 0.2 m. Alt? N

diversifolius Jacq. subsp. **diversifolius**
H. berberidifolius Cufod., not of A.Rich. (19)
H. biflorus A.Spreng. (19)
H. diversifolius Jacq. subsp. *genuinus* Hochr., illegitimate name (19)
H. diversifolius Jacq. var. *witteanus* Cufod., not of Hochr. (19)
H. ficulneus Cav., not of L., illegitimate name (19)
H. macularis E.Mey. ex Harv., naked name (19)
H. persicifolius Eckl. & Zeyh., name doubtful (11)
Perennial. Tree, shrub. Ht 0.75–10 m. Alt 1–500 m. KZN, WC, EC

diversifolius Jacq. subsp. *genuinus* Hochr., illegitimate name = **H. diversifolius** subsp. **diversifolius**

diversifolius Jacq. subsp. **rivularis** (Bremek. & Oberm.) Exell
H. rivularis Bremek. & Oberm. (19)
Perennial. Tree, shrub. Ht 1.5–4.57 m. Alt ± 1030 m. N, B

diversifolius Jacq. var. *witteanus* Cufod., not of Hochr. = **H. diversifolius** subsp. **diversifolius**

dongolensis Delile
Perennial. Shrub. Ht 0.4–2 m. Alt 155–1350 m. N, B, LIM, M, S, KZN

ebracteatus Mast. = **H. elliottiae**

ebracteatus Mast. var. *pechuelii* O.Kuntze = **H. elliottiae**

elliottiae Harv.
H. ebracteatus Mast. (14)
H. ebracteatus Mast. var. *pechuelii* O.Kuntze (14)
H. elliottiae Harv. var. *ebracteatus* (Mast.) Hochr. (14)
H. elliottiae Harv. var. *pechuelii* (O.Kuntze) Hochr. (14)
H. elliottiae Harv. var. *subciliatus* Hochr. (14)
Perennial. Shrub, dwarf shrub, herb. Ht 0.5–2 m. Alt 305–2000 m. N, NC

elliottiae Harv. var. *ebracteatus* (Mast.) Hochr. = **H. elliottiae**

elliottiae Harv. var. *pechuelii* (O.Kuntze) Hochr. = **H. elliottiae**

elliottiae Harv. var. *subciliatus* Hochr. = **H. elliottiae**

engleri K.Schum.
H. cordatus in sense of Harv., not of D.Dietr., also not of Hochst. ex Webb, misapplied name (11)
H. irritans R.A.Dyer (11)
H. subphysaloides Hochr. (11)
Perennial. Herb. Ht 0.05–5 m. Alt 185–1705 m. N, B, LIM, NW, G, M, S, KZN, NC

esculentus L. = **Abelmoschus esculentus**

ferrugineus in sense of Hochr., not of Cav., misapplied name = **H. fuscus**

ficulneus Cav., not of L., illegitimate name = **H. diversifolius** subsp. **diversifolius**

fleckii Gürke
Perennial. Herb. Ht 0.6–2.5 m. Alt 275–1405 m. N, NC

furcatus in sense of Harv., not of Roxb., misapplied name = **H. altissimus**

fuscus Garcke
H. ferrugineus in sense of Hochr., not of Cav., misapplied name (11)
H. gossypinus in sense of Harv., not of Thunb., misapplied name (11)
Perennial. Shrub. Ht 0.8–2.43 m. Alt 15–855 m. KZN, EC

gibsonii Harv. = **H. caesius** var. **caesius**

gossypinus in sense of Harv., not of Thunb., misapplied name = **H. fuscus**

gossypinus Thunb. = **H. pusillus**

intermedius A.Rich. = **H. palmatus**

irritans R.A.Dyer = **H. engleri**

kirkii Mast.
Perennial. Herb. Ht up to 1.5 m. Alt? N

lancibracteatus De Wild. & T.Durand = **H. mechowii**

leiospermus Harv. = **H. aethiopicus** var. **ovatus**

leptocalyx Sond. = **Pavonia leptocalyx**

lobatus (Murray) Kuntze
Annual. Herb. Ht 0.5–1.3 m. Alt 300–1400 m. B

ludwigii Eckl. & Zeyh.
H. macranthus Hochst. ex A.Rich. (11)
Perennial. Shrub, herb. Ht 1.67–2.74 m. Alt 30–1700 m. KZN, EC

lunarifolius Willd.
Perennial. Herb. Ht ± 1 m. Alt 300–1525 m. B, LIM, NW, G, M

macranthus Hochst. ex A.Rich. = **H. ludwigii**

macularis E.Mey. ex Harv., naked name = **H. diversifolius** subsp. **diversifolius**

malacospermus (Turcz.) E.Mey. ex Harv., naked name = **H. microcarpus**

marlothianus K.Schum.
Perennial. Herb. Ht 0.1–0.25 m. Alt 610–1525 m. LIM, NW, FS, NC, EC

masuianus De Wild. & T.Durand = **H. sabdariffa**

mechowii Garcke
H. cannabinus Hochr., not of L. (1759) in part, as to synonym *H. acetocella* (19)
H. lancibracteatus De Wild. & T.Durand (19)
Annual, occ. perennial. Shrub, herb. Ht up to 2 m. Alt? N, B

meeusei Exell = **H. nigricaulis**

mendoncae Exell subsp. *mendoncae* = **H. meyeri** subsp. **meyeri**

mendoncae Exell subsp. *transvaalensis* Exell = **H. meyeri** subsp. **transvaalensis**

merxmuelleri Roessler
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? N

meyeri Harv. subsp. **meyeri**
H. mendoncae Exell subsp. *mendoncae* (11)
Perennial. Herb. Ht 0.45–2 m. Alt 105–762 m. LIM, M, S, KZN

meyeri Harv. subsp. **transvaalensis** (Exell) Exell
H. mendoncae Exell subsp. *transvaalensis* Exell (11)
Perennial. Herb. Ht 0.01–2 m. Alt 400–1300 m. LIM, M

micranthus in sense of Baker f. in part, not of L.f., misapplied name = **H. praeteritus**

micranthus L.f. var. *hispidus* Cufod. = **H. sabiensis**

micranthus L.f. var. **micranthus**
Perennial. Shrub, herb. Ht 0.2–2.5 m. Alt 70–2900 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

microcarpus Garcke
H. malacospermus (Turcz.) E.Mey. ex Harv., naked name (2)
Annual, occ. perennial. Herb. Ht 0.07–0.35 m. Alt 460–1830 m. N, LIM, NW, G, M, FS, KZN, L, EC

***mutabilis** L.
Perennial. Shrub. Ht 1.5–2 m. Alt? G

mutatus N.E.Br.
Perennial. Shrub. Ht 0.6–2.5 m. Alt 610–1500 m. N, B, LIM, NW

natalitius Harv. = **H. vitifolius** subsp. **vitifolius**

nigricaulis Baker f.
H. cannabinus in sense of Ulbr. & Fr., not of L. in part, as to specimen *Fries 954*, misapplied name (19)
H. meeusei Exell (19)
H. sabdariffa Mendonça & Torre, not of L. (1753) in part, as to specimen *Mendonça 332* (LISC) (19)
Annual. Herb. Ht 1–1.5 m. Alt? N, B, LIM, G, M, S, KZN

okavangensis Exell
Perennial. Shrub. Ht 1.5–2.5 m. Alt? N

ovatus Cav. = **H. aethiopicus** var. **ovatus**

ovatus Cav. var. *angustifolius* Eckl. & Zeyh. = **H. aethiopicus** var. **angustifolius**

palmatus Forssk.
H. aristivalvis Garcke (11)
H. intermedius A.Rich. (11)
Perennial. Herb. Ht 0.2–0.76 m. Alt 152–1400 m. N, LIM, M, S

pedunculatus L.f.
Perennial. Herb. Ht 0.3–2.43 m. Alt 5–1830 m. LIM, M, S, KZN, WC, EC

pentaphyllus F.Muell. = **H. caesius** var. **caesius**

persicifolius Eckl. & Zeyh., name doubtful = **H. diversifolius** subsp. **diversifolius**

physaloides Guill. & Perr.
Annual, occ. perennial. Herb. Ht 0.76–2 m. Alt 10–855 m. LIM, S, KZN

physaloides Guill. & Perr. var. *genuinus* forma *schinzii* (Gürke) Hochr. = **H. schinzii**

platycalyx Mast.
H. rogersii Burtt Davy (11)
H. seineri Engl. (11)
Perennial. Shrub. Ht 0.76–2 m. Alt 915–1030 m. B, LIM

praeteritus R.A.Dyer
H. micranthus in sense of Baker f. in part, not of L.f., misapplied name (11)
Biennial. Herb. Ht 0.6–2 m. Alt 290–1310 m. N, B, LIM, M

pseudosida Ulbr. = **H. discophorus**

pusillus Thunb.
H. atromarginatus Eckl. & Zeyh. (11)
H. gossypinus Thunb. (11)
Perennial. Herb. Ht 0.05–0.5 m. Alt 15–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rhabdotospermus Garcke
H. cordatus Hochst. ex Webb, not of D.Dietr., also not of Harv. (11)
Perennial. Herb. Ht 1–2 m. Alt 610–1000 m. N, B

ricinifolius E.Mey. ex Harv. = **H. vitifolius** subsp. **vitifolius**

rivularis Bremek. & Oberm. = **H. diversifolius** subsp. **rivularis**

rogersii Burtt Davy = **H. platycalyx**

***sabdariffa** L.
H. cannabinus Hiern, not of L. in part, as to specimen *Welwitsch 5263* (19)
H. masuianus De Wild. & T.Durand (19)
H. sabdariffa L. var. *albus* A.Howard & G.Howard (19)
H. sabdariffa L. var. *altissima* Wester (19)
H. sabdariffa L. var. *bhaghalpuriensis* A.Howard & G.Howard (19)
H. sabdariffa L. var. *intermedius* A.Howard & G.Howard (19)
H. sabdariffa L. var. *ruber* A.Howard & G.Howard (19)
Annual. Herb. Ht 1.5–4.5 m. Alt? N, NW, G

sabdariffa L. subsp. *cannabinus* (L.) Panigrahi & Murti = **H. cannabinus**

sabdariffa L. var. *albus* A.Howard & G.Howard = **H. sabdariffa**

sabdariffa L. var. *altissima* Wester = **H. sabdariffa**

sabdariffa L. var. *bhaghalpuriensis* A.Howard & G.Howard = **H. sabdariffa**

sabdariffa L. var. *intermedius* A.Howard & G.Howard = **H. sabdariffa**

sabdariffa L. var. *ruber* A.Howard & G.Howard = **H. sabdariffa**

sabdariffa Mendonça & Torre, not of L. (1753) in part, as to specimen *Mendonça 332* (LISC) = **H. nigricaulis**

sabiensis Exell
H. micranthus L.f. var. *hispidus* Cufod. (11)
Perennial. Herb. Ht 0.3–1 m. Alt? LIM

saxatilis J.M.Wood & M.S.Evans
Perennial. Herb. Ht ± 0.3 m. Alt 762–2135 m. M, S, KZN

schinzii Gürke
H. cordatus in sense of J.G.García, misapplied name (11)
H. physaloides Guill. & Perr. var. *genuinus* forma *schinzii* (Gürke) Hochr. (11)
H. swynnertonii Baker f. (11)
Perennial. Herb. Ht 0.1–1.5 m. Alt 70–1065 m. N, B, LIM, G, M, KZN, NC

schinzii (Gürke) Hochr., not of H. *schinzii* Gürke = **H. sidiformis**

seineri Engl. = **H. platycalyx**

sidiformis Baill.
H. schinzii (Gürke) Hochr., not of *H. schinzii* Gürke (11)
H. ternatus (Cav.) Mast. (11)
H. ternifoliolus F.W.Andrews (11)
Annual. Herb. Ht 0.1–0.91 m. Alt 312–1200 m. N, B, LIM, NW, G, M, KZN

subphysaloides Hochr. = **H. engleri**

subreniformis Burtt Davy
Perennial. Dwarf shrub, herb. Ht 0.4–1.43 m. Alt ?–1465 m. B, LIM, NW, G

sulfuranthus Ulbr.
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. Alt? N

surattensis L.
Furcaria surattensis Kostel. (19)
H. surattensis L. var. *genuinus* Hochr., illegitimate name (19)
H. surattensis L. var. *villosus* Hochr. (19)
Annual. Herb, climber. Ht 0.3–3 m. Alt 10–1700 m. LIM

surattensis L. var. *genuinus* Hochr., illegitimate name = **H. surattensis**

surattensis L. var. *villosus* Hochr. = **H. surattensis**

swynnertonii Baker f. = **H. schinzii**

***syriaca** L.
Perennial. Shrub. Ht 1.5–3 m. Alt? G

ternatus (Cav.) Mast. = **H. sidiformis**

ternifoliolus F.W.Andrews = **H. sidiformis**

tiliaceus L. subsp. **tiliaceus**
Paritium tiliaceum (L.) A.St.-Hil. (11)
Perennial. Tree, shrub. Ht 0.3–5 m. Alt up to 1065 m. KZN, EC

trionum L.
Annual. Herb. Ht 0.1–1.5 m. Alt 3–2635 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

upingtoniae Gürke
Annual, occ. perennial. Herb. Ht 0.4–1 m. Alt 312–790 m. N, B, LIM, M

urens L.f. = **Radyera urens**

vitifolius L. subsp. **vitifolius**
H. natalitius Harv. (11)
H. ricinifolius E.Mey. ex Harv. (11)
H. vitifolius L. var. *ricinifolius* Hochr. (11)
Perennial. Shrub, herb. Ht 1–1.5 m. Alt 5–915 m. LIM, M, S, KZN, EC

vitifolius L. subsp. **vulgaris** Brenan & Exell
H. vitifolius L. var. *genuinus* Hochr. (11)
Perennial. Shrub, herb. Ht 0.05–3.04 m. Alt 100–1800 m. N, B, LIM, NW, M, S, KZN

vitifolius L. var. *genuinus* Hochr. = **H. vitifolius** subsp. **vulgaris**

vitifolius L. var. *ricinifolius* Hochr. = **H. vitifolius** subsp. **vitifolius**

waterbergensis Exell
Perennial. Shrub. Ht 1–2 m. Alt ?–1065 m. LIM

zeyheri Hochr. = **H. aethiopicus** var. **angustifolius**

KOSTELETZKYA C.Presl 5015000

(1) Exell. 1961. *FZ* 1: 472–475.

buettneri Gürke
Annual, occ. perennial. Herb. Ht up to 1.8 m. Alt 900–1600 m. N, B

*LAVATERA L. 4990000

(1) Fernandes. 1968. *Flora europaea*. 2: 251–253.
(2) Miller. 1997. *European garden flora* 5: 215–217.

arborea L.
Perennial. Shrub. Ht 0.5–2 m. Alt 5–600 m. N, FS, WC, EC

assurgentiflora Kellogg
Perennial. Shrub. Ht ± 4 m. Alt? G, NC

cretica L.
Annual. Herb. Ht up to 1.21 m. Alt ± 30 m. WC

trimestris L.
Annual. Herb. Ht up to 0.5 m. Alt? EC

*MALVA L. 4992000

(1) Meeuse. 1961. *FZ* 1: 501–503.
(2) Roessler. 1969. *FSWA* 82: 24, 25.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 192.

aegyptia L.
Annual. Herb. Ht ± 0.1 m. Alt ?–1000 m. FS, NC

anomala Link & Otto = **Anisodontea anomala**

capensis L. var. *capensis* = **Anisodontea capensis**

capensis L. var. *scabrosa* (L.) L. = **Anisodontea scabrosa**

capensis of author, not of L., concept invalid = **Anisodontea scabrosa**

divaricata in sense of Harv., not of Anderson, misapplied name = **Anisodontea anomala**

elegans Cav. = **Anisodontea elegans**

neglecta Wallr.
Perennial. Herb. Length 0.3–1 m. Alt ± 2400 m. LIM, NW, M, FS, KZN, L, EC

nicaeensis All.
Herb. Ht? Alt? Distr.?

parviflora L. var. **parviflora**
Annual, occ. perennial. Herb. Length 0.15–0.4 m. Alt 15–1405 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

pusilla Sm.
Annual, occ. perennial. Herb. Length 0.2–0.5 m. Alt ?–1465 m. N, NW, FS, L, NC, WC, EC

retusa Cav. = **Anisodontea scabrosa**

sylvestris L.
Biennial. Herb. Ht up to 1 m. Alt? NC

verticillata L. var. **crispa** L.
Biennial. Herb. Ht 0.5–2.43 m. Alt? N, G, FS

verticillata L. var. **verticillata**
Biennial. Herb. Ht 0.45–1.21 m. Alt 915–1705 m. N, NW, M, FS, L, NC

*MALVASTRUM A.Gray 4995000

(1) Meeuse. 1961. *FZ* 1: 503.

albens Harv. = **Anisodontea biflora**

alexandri Baker f. = **Anisodontea alexandri**

alexandri in sense of Hutch., misapplied name = **Anisodontea setosa**

angustifolium (Harv.) Stapf = **Anisodontea scabrosa**

asperrimum (Jacq.) A.Gray & Harv. = **Anisodontea bryoniifolia**

asperrimum (Jacq.) A.Gray & Harv. var. *stellatum* (Thunb.) Harv. = **Anisodontea bryoniifolia**

bryoniifolium (L.) A.Gray & Harv. = **Anisodontea bryoniifolia**

calycinum (Cav.) A.Gray & Harv. = **Anisodontea scabrosa**

capense in sense of A.Gray & Harv. excl. basionym, misapplied name = **Anisodontea scabrosa**

capense in sense of A.Gray & Harv. var. *balsamicum* (Jacq.) Harv., misapplied name = **Anisodontea scabrosa**

capense in sense of A.Gray & Harv. var. *fragrans* (Jacq.) Baker, misapplied name = **Anisodontea scabrosa**

capense in sense of A.Gray & Harv. var. *glabrescens* in sense of Harv. excl. basionym, misapplied name = **Anisodontea scabrosa**

capense (L.) A.Gray & Harv., as to basionym = **Anisodontea capensis**

capense (L.) A.Gray & Harv. var. *glabrescens* Harv., as to basionym = **Anisodontea capensis**

coromandelianum (L.) Garcke
Biennial. Dwarf shrub. Ht 0.6–1 m. Alt? N, B, LIM, G, M, S, KZN, EC

dissectum Harv. = **Anisodontea dissecta**

divaricatum (Andrews) A.Gray & Harv. = **Anisodontea capensis**

fragrans (Jacq.) A.Gray & Harv. = **Anisodontea scabrosa**

grossulariifolium in sense of A.Gray & Harv. in part, misapplied name = **Anisodontea triloba**

grossulariifolium in sense of A.Gray & Harv. var. *parvifolium* Harv. in part, misapplied name = **Anisodontea triloba**

grosulariifolium (Cav.) A.Gray & Harv. = **Anisodontea scabrosa**

grosulariifolium in sense of Garcke, not of A.Gray, also not of A.Gray & Harv., misapplied name = **Anisodontea biflora**

procumbens Harv. = **Anisodontea procumbens**

racemosum Harv. = **Anisodontea racemosa**

riparium Hutch. = **Anisodontea scabrosa**

scabrosum (L.) Stapf = **Anisodontea scabrosa**

setosum Harv. = **Anisodontea setosa**

strictum (Jacq.) A.Gray & Harv. = **Anisodontea scabrosa**

tridactyles (Cav.) A.Gray & Harv. = **Anisodontea fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *glabrum* Harv. = **Anisodontea fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *puberulum* Harv. = **Anisodontea fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *stellatum* Harv. = **Anisodontea fruticosa**

virgatum in sense of A.Gray & Harv. excl. basionym, misapplied name = **Anisodontea scabrosa**

virgatum in sense of A.Gray & Harv. var. *angustifolium* Harv., misapplied name = **Anisodontea scabrosa**

virgatum in sense of A.Gray & Harv. var. *dillenianum* in sense of Harv., misapplied name = **Anisodontea scabrosa**

virgatum in sense of A.Gray & Harv. var. *oblongifolium* Harv., misapplied name = **Anisodontea scabrosa**

virgatum (Murray) A.Gray & Harv., as to basionym = **Anisodontea capensis**

virgatum (Murray) A.Gray & Harv. var. *dillenianum* (Eckl. & Zeyh.) Harv., as to basionym = **Anisodontea capensis**

MALVEOPSIS C.Presl 4986020

albens (Harv.) Kuntze = **Anisodontea biflora**

asperrima (Jacq.) Kuntze = **Anisodontea bryoniifolia**

bryoniifolia (L.) Kuntze = **Anisodontea bryoniifolia**

dissecta (Harv.) Kuntze = **Anisodontea dissecta**

setosa (Harv.) Kuntze = **Anisodontea setosa**

*MODIOLA Moench 4987000

(1) Moench. 1794. *Methodus*: 619.
(2) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 2: 274.
(3) Adamson. 1950. *Flora of the Cape Peninsula*: 581.
(4) Krapovickas. 1965. *Flora de la Provincia de Buenos Aires* 4: 169–220.

caroliniana (L.) G.Don
M. multifida Moench (1)
Annual. Herb. Ht up to 0.07 m. Alt 275–1829 m. G, M, FS, WC, EC

multifida Moench = **M. caroliniana**

PARITIUM A.St.-Hil. 5013030

tiliaceum (L.) A.St.-Hil. = **Hibiscus tiliaceus** subsp. **tiliaceus**

PAVONIA Cav. 5007000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 334.
(2) Dyer. 1932. *Kew Bulletin* 1932: 152, 278.
(3) Meeuse. 1961. *FZ* 1: 504.
(4) Leistner. 1969. *Bothalia* 10: 74.
(5) Roessler. 1969. *FSWA* 82: 25–28.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 193.
(7) Taussig. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 498.

baumii Gürke = **P. senegalensis**

burchellii (DC.) R.A.Dyer

Althaea burchellii DC. (3)
P. kraussiana Hochst. (5)
P. macrophylla E.Mey. ex Harv. (3)
P. patens (Andrews) Chiov. (7)
Perennial. Dwarf shrub. Ht 0.06–2 m. Alt up to 1728 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

clathrata Mast.
P. schumanniana Gürke & Schinz (3)
Annual, perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 855–1650 m. N, B, LIM, NW, G

columella Cav.
P. galpiniana Schinz (3)
P. meyeri Mast. (3)
P. mollis E.Mey. ex Harv. (3)
Perennial. Shrub, herb. Ht 0.2–2.43 m. Alt 30–2075 m. LIM, NW, G, M, S, KZN, WC, EC

dentata Burtt Davy
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt up to 550 m. LIM

dregei Garcke
P. microphylla E.Mey. ex Harv. (3)
Biennial. Dwarf shrub. Ht 0.35–1.5 m. Alt 5–155 m. KZN

elegans Garcke
Annual. Herb. Ht 0.6–0.91 m. Alt up to 245 m. M

fruticulosa Ulbr. = **P. leptocalyx**

galpiniana Schinz = **P. columella**

gossweileri Exell
Perennial. Shrub. Ht up to 1.5 m. Alt? N

hirsuta Guill. & Perr. = **P. senegalensis**

kraussiana Hochst. = **P. burchelli**

leptocalyx (Sond.) Ulbr.
Hibiscus leptocalyx Sond. (3)
P. fruticulosa Ulbr. (3)
Perennial. Dwarf shrub. Ht 0.1–0.91 m. Alt 85–1463 m. LIM, NW, G, M, KZN

macrophylla E.Mey. ex Harv. = **P. burchellii**

meyeri Mast. = **P. columella**

microphylla E.Mey. ex Harv. = **P. dregei**

mollis E.Mey. ex Harv. = **P. columella**

patens (Andrews) Chiov. = **P. burchellii**

praemorsa (L.f.) Cav.
Perennial. Shrub. Ht 0.03–2.04 m. Alt 15–765 m. EC

rehmannii Szyszyl.
P. vespertilionacea Hochr. (5)
Perennial. Dwarf shrub. Ht 0.2–0.61 m. Alt 800–2000 m. N

schimperiana Hochst. ex A.Rich. = **P. urens** var. **urens**

schumanniana Gürke & Schinz = **P. clathrata**

senegalensis (Cav.) Leistner
P. baumii Gürke (3)
P. hirsuta Guill. & Perr. (4)
Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt 600–1350 m. N, B, LIM, NW, G, NC

transvaalensis (Ulbr.) A.Meeuse
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.2–1.21 m. Alt 915–1525 m. LIM, NW, G, M, KZN

urens Cav. var. **urens**
P. schimperiana Hochst. ex A.Rich. (3)
Perennial. Shrub, dwarf shrub. Ht 1–3 m. Alt 600–2000 m. KZN

vespertilionacea Hochr. = **P. rehmannii**

RADYERA Bullock 5013010

(1) Bullock. 1957. *Kew Bulletin* 1956: 454.
(2) Exell. 1969. *FSWA* 82: 28.

urens (L.f.) Bullock
Allenia urens (L.f.) E.Phillips (2)
Hibiscus cucurbitinus Burch. (2)
Hibiscus urens L.f. (2)
Perennial. Shrub, herb. Ht 0.15–0.91 m. Alt 100–1420 m. N, B, NW, G, FS, NC, WC, EC

SHANTZIA Lewton 5018020

garckeana (F.Hoffm.) Lewton = **Azanza garckeana**

SIDA L. 4998000

(1) Harvey. 1860. *FC* 1: 166–168.
(2) Meeuse. 1961. *FZ* 1: 475–484.
(3) Roessler. 1969. *FSWA* 82: 29–31.
(4) Robertson. 1989. *Flowering plants of Seychelles*: 18–20.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 194, 195.
(6) Taussig. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 498.
(7) Thulin. 1999. *Nordic Journal of Botany* 19: 421–425.

acuta Burm.f. subsp. **acuta**
S. carpinifolia in sense of Mast., misapplied name (2)
Perennial. Shrub, dwarf shrub. Ht 0.45–1.37 m. Alt 460–1219 m. N, LIM, M, S, KZN

alba L.
Annual, occ. perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 120–1465 m. N, B, LIM, NW, G, M, S, KZN, L

aurescens Ulbr. = **S. ovata**

carpinifolia in sense of Mast., misapplied name = **S. acuta** subsp. **acuta**

chionantha Ulbr. = **S. ovata**

chrysantha Ulbr.
Perennial. Dwarf shrub. Ht 0.05–0.6 m. Alt 275–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

cordifolia L.
S. velutina Willd. ex Spreng. (1)
Annual, occ. perennial. Dwarf shrub. Ht 0.06–1 m. Alt 10–1465 m. N, B, LIM, NW, G, M, S, KZN, NC

dinteriana Hochr. = **S. ovata**

dregei Burtt Davy
S. lancifolia Burtt Davy (2)
S. longipes E.Mey. ex Harv. (2)
Annual, biennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 15–1695 m. LIM, NW, G, M, S, FS, KZN, WC, EC

flexuosa Burtt Davy = **S. ovata**

grewioides Guill. & Perr. = **S. ovata**

hislopii Burtt Davy & Greenway = **S. pseudocordifolia**

hoepfneri Gürke = **S. ovata**

lancifolia Burtt Davy = **S. dregei**

longipes E.Mey. ex Harv. = **S. dregei**

ovata Forssk.
S. aurescens Ulbr. (3)
S. chionantha Ulbr. (3)
S. dinteriana Hochr. (3)
S. flexuosa Burtt Davy (2)
S. grewioides Guill. & Perr. (2)
S. hoepfneri Gürke (2)

Annual, perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 792–1168 m. N, B, LIM, NW, M, NC

pseudocordifolia Hochr.
S. hislopii Burtt Davy & Greenway (2)
Perennial. Shrub, herb. Ht 0.4–1.21 m. Alt 25–1400 m. LIM, NW, M, S, KZN

rhombifolia L. subsp. **rhombifolia**
Annual, biennial. Shrub, dwarf shrub, herb. Ht 0.12–1.04 m. Alt 5–2100 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

serratifolia R.Wilczek & Steyaert
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1066 m. LIM, S

spinosa L. var. **spinosa**
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 667–1400 m. NW, G, M, FS, KZN

ternata L.f.
S. triloba Cav. (2)
Annual. Herb. Ht 0.1–0.76 m. Alt 15–1695 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

triloba Cav. = **S. ternata**

velutina Willd. ex Spreng. = **S. cordifolia**

*SPHAERALCEA A.St.-Hil. 4986000

(1) Krapovickas. 1965. *Flora de la Provincia de Buenos Aires* 4: 212.

bonariensis (Cav.) Griseb.
Perennial. Dwarf shrub. Ht 0.01–1.06 m. Alt up to 1495 m. NW, G, FS, NC, EC

dregeana (C.Presl) Harv. = **Anisodontea anomala**

elegans (Cav.) G.Don = **Anisodontea elegans**

julii (Burch. ex DC.) Baker f. = **Anisodontea julii** subsp. **julii**

pannosa Bolus = **Anisodontea julii** subsp. **pannosa**

pannosa in sense of E.Phillips, not of Bolus, misapplied name = **Anisodontea julii** subsp. **julii**

prostrata (Harv.) Baker f. var. *mollis* (Harv.) Baker f. = **Anisodontea julii** subsp. **prostrata**

prostrata (Turcz.) Baker f. = **Anisodontea julii** subsp. **prostrata**

*SPHAEROMA DC. 4986030

julii (Burch. ex DC.) Harv. = **Anisodontea julii** subsp. **julii**

pannosum (Bolus) Kuntze = **Anisodontea julii** subsp. **pannosa**

prostratum (Turcz.) Harv. var. *molle* Harv. = **Anisodontea julii** subsp. **prostrata**

prostratum (Turcz.) Harv. var. *prostrata* (Turcz.) Baker f. = **Anisodontea julii** subsp. **prostrata**

THESPESIA Sol. ex Corrêa 5018000

(1) Exell. 1961. *FZ* 1: 421–423.
(2) Verdoorn. 1966. *The Flowering Plants of Africa* 37: t. 1468.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 195.

acutiloba (Baker f.) Exell & Mendonça
T. populnea (L.) Sol. ex Corrêa var. *acutiloba* Baker f. (1)
Perennial. Tree, shrub. Ht 0.71–5.14 m. Alt 15–610 m. KZN

garckeana F.Hoffm. = **Azanza garckeana**

populnea (L.) Sol. ex Corrêa var. *acutiloba* Baker f. = **T. acutiloba**

*URENA L. 5006000

(1) Meeuse. 1961. *FZ* 1: 503, 504.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 195.

lobata L. subsp. **lobata** var. **lobata**
Annual, occ. perennial. Dwarf shrub. Ht up to 1 m. Alt? N, M

WISSADULA Medik. 4985000

(1) Meeuse. 1961. *FZ* 1: 499–501.
(2) Roesler. 1969. *FSWA* 82: 32.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 195.

amplissima R.E.Fr. var. *rostrata* (Schumach.) R.E.Fr. = **W. rostrata**

rostrata (Schumach.) Hook.f.
W. amplissima R.E.Fr. var. *rostrata* (Schumach.) R.E.Fr. (1)
Perennial. Shrub. Ht 0.75–1.75 m. Alt 275–940 m. N, B, M

MELASTOMATACEAE

Compiled by C.L. Bredenkamp

ANTHEROTOMA (Naudin) Hook.f. 5651000

(1) Fernandes & Fernandes. 1978. *FZ* 4: 229–231.
(2) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris 16,4, Section B. *Adansonia* 2-4: 270.

debilis (Sond.) Jacq.-Fél.
Dissotis debilis (Sond.) Triana var. *debilis* (2)
Dissotis debilis (Sond.) Triana var. *lanceolata* (Cogn.) A.Fern. & R.Fern. (2)
Dissotis debilis (Sond.) Triana var. *pedicellata* A.Fern. & R.Fern. (2)
Dissotis debilis (Sond.) Triana var. *postpluvialis* (Gilg) A.Fern. & R.Fern. (2)
Dissotis debilis (Sond.) Triana var. *prostrata* A.Fern. & R.Fern. (2)
Dissotis debilis (Sond.) Triana var. *pusilla* (R.E.Fr.) A.Fern. & R.Fern. (2)
Perennial. Herb. Ht 0.1–0.95 m. Alt 630–1700 m. N, B, LIM, NW, G, S, EC

naudinii Hook.f.
Annual. Herb. Ht 0.06–0.38 m. Alt 855–1950 m. LIM, G, M, S, KZN

phaeotricha (Hochst.) Jacq.-Fél.
Dissotis phaeotricha (Hochst.) Hook.f. var. *hirsuta* (Cogn.) A.Fern. & R.Fern. (2)
Dissotis phaeotricha (Hochst.) Hook.f. var. *phaeotricha* (2)
Dissotis phaeotricha (Hochst.) Hook.f. var. *villosissima* A.Fern. & R.Fern. (2)
Perennial. Herb. Ht up to 0.6 m. Alt 180–1350 m. LIM, M, S, KZN

DISSOTIS Benth. 5659000

(1) Dyer. 1957. *The Flowering Plants of Africa* 32: t. 1250.
(2) Fernandes. 1978. *FZ* 4: 240–269.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 152–154.
(4) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris 16,4, Section B. *Adansonia* 2-4: 270–272.

canescens (E.Mey. ex R.A.Graham) Hook.f.
Perennial. Shrub, herb. Ht 0.25–1.8 m. Alt 5–3100 m. LIM, M, S, KZN, EC

debilis (Sond.) Triana var. *debilis* = **Antherotoma debilis**

debilis (Sond.) Triana var. *lanceolata* (Cogn.) A.Fern. & R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *pedicellata* A.Fern. & R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *postpluvialis* (Gilg) A.Fern. & R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *prostrata* A.Fern. & R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *pusilla* (R.E.Fr.) A.Fern. & R.Fern. = **Antherotoma debilis**

phaeotricha (Hochst.) Hook.f. var. *hirsuta* (Cogn.) A.Fern. & R.Fern. = **Antherotoma phaeotricha**

phaeotricha (Hochst.) Hook.f. var. *phaeotricha* = **Antherotoma phaeotricha**

phaeotricha (Hochst.) Hook.f. var. *villosissima* A.Fern. & R.Fern. = **Antherotoma phaeotricha**

princeps (Kunth) Triana var. **candolleana** (Cogn.) A.Fern. & R.Fern.
Perennial. Shrub, herb. Ht up to 4 m. Alt 1050–1400 m. LIM, S, KZN

princeps (Kunth) Triana var. **princeps**
Perennial. Shrub, herb. Ht 0.91–4 m. Alt 490–1980 m. N, B, LIM, S, KZN

pulchra A.Fern. & R.Fern.
Perennial. Shrub, herb. Ht 0.9–3.6 m. Alt up to 1650 m. N

*HETEROCENTRON Hook. & Arn. 5642000

(1) Bailey & Bailey. 1977. *Hortus third*: 558.
(2) Fernandes. 1978. *FZ* 4: 220.

macrostachyum Naudin
H. roseum A.Braun & C.D.Bouché (1)
Perennial. Shrub. Ht 1–1.5 m. Alt up to 50 m. M, KZN

roseum A.Braun & C.D.Bouché = **H. macrostachyum**

MELASTOMASTRUM Naudin 5659010

(1) Fernandes & Fernandes. 1956. *Memórias da Sociedade Broteriana* 11: 12.
(2) Fernandes. 1978. *FZ* 4: 237–240.

segregatum (Benth.) A.Fern. & R.Fern. forma **segregatum**
Perennial. Shrub. Ht up to 2 m. Alt? N, B

MEMECYLON L. 5788000

(1) Fernandes & Fernandes. 1972. *Boletim da Sociedade Broteriana* 46: 67.
(2) Fernandes & Fernandes. 1978. *FZ* 4: 221–229.
(3) Jacques-Felix. 1978. *Bulletin du Muséum d'Histoire Naturelle*, Paris. *Adansonia* 2-18: 220–235.
(4) Jacques-Felix. 1980. *Bulletin du Muséum d'Histoire Naturelle*, Paris. *Adansonia* 2-19: 257–268.
(5) Van Wyk. 1983. *South African Journal of Botany* 2: 173.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 159.
(7) Jacques-Felix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris 16,4, Section B. *Adansonia* 2-4: 281.
(8) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 19.

bachmannii Engl.
Perennial. Tree. Ht 2–6.09 m. Alt up to 395 m. KZN, EC

natalense Markgr.
Perennial. Tree, shrub. Ht 1.82–7 m. Alt 300–1100 m. LIM, KZN

sousae A.Fern. & R.Fern. = **Warneckea sousae**

WARNECKEA Gilg 5788010

(1) Fernandes & Fernandes. 1972. *Boletim da Sociedade Broteriana* 46: 67.
(2) Jacques-Felix. 1978. *Bulletin du Muséum d'Histoire Naturelle*, Paris. *Adansonia* 2-18: 220–235.
(3) Jacques-Felix. 1980. *Bulletin du Muséum d'Histoire Naturelle*, Paris. *Adansonia* 2-19: 257–268.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 159.
(5) Jacques-Felix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris 16,4, Section B. *Adansonia* 2-4: 281.
(6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 19.

sousae (A.Fern. & R.Fern.) A.E.van Wyk
Memecylon sousae A.Fern. & R.Fern. (6)
Perennial. Shrub. Ht 3–5 m. Alt up to 105 m. S, KZN

MELIACEAE

Compiled by R.H. Archer

AITONIA Thunb., illegitimate name 4168010

capensis Thunb. = **Nymania capensis**

*CEDRELA P.Browne 4155000

(1) Pennington & Styles. 1975. *Blumea* 22: 512.
(2) White & Styles. 1986. *FSA* 18,3: 60.

odorata L.
Perennial. Tree. Ht 9–15 m. Alt ?–380 m. G, M, S, KZN

toona Roxb. ex Rottler & Willd. = **Toona ciliata**

EKEBERGIA Sparrm. 4193000

(1) White & Styles. 1963. *FZ* 2: 316–319.
(2) White & Styles. 1986. *FSA* 18,3: 51–53.

capensis Sparrm.
E. meyeri C.Presl & C.DC. (1)
Trichilia ekebergia E.Mey. ex Sond. (1)
Perennial. Tree. Ht 2–18 m. Alt 5–2075 m. B, LIM, M, S, KZN, EC

meyeri C.Presl & C.DC. = **E. capensis**

pterophylla (C.DC.) Hofmeyr
Perennial. Tree, shrub. Ht 1–7 m. Alt 90–1980 m. LIM, M, S, KZN, WC, EC

ENTANDROPHRAGMA C.DC. 4163000

(1) White & Styles. 1963. *FZ* 2: 289–293.
(2) White & Styles. 1986. *FSA* 18,3: 59–61.
(3) De Winter & Condy. 1999. *Flowering Plants of Africa* 56: 74–80, t. 2153.

caudatum (Sprague) Sprague
Perennial. Tree. Ht 3–20(–30) m. Alt 60–662 m. N, B, LIM, M, S, KZN

spicatum (C.DC.) Sprague
Wulfhorstia spicata C.DC. (1)
Perennial. Tree. Ht 2–20(–30) m. Alt ?–335 m. N

*KHAYA A.Juss. 4159000

(1) White & Styles. 1963. *FZ* 2: 287.
(2) White & Styles. 1986. *FSA* 18: 60.
(3) Styles & White. 1991. *FTEA* Meliaceae: 46.

anthotheca (Welw.) C.DC.
Perennial. Tree. Ht 1–40 m. Alt 10–2000 m. LIM, M, KZN

*MELIA L. 4175000

(1) White & Styles. 1963. *FZ* 2: 315.
(2) White & Styles. 1986. *FSA* 18,3: 49–51.

azedarach L.
Perennial. Tree. Ht 1–30 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

NURMONIA Harms 4170010

pulchella Harms = **Turraea pulchella**

NYMANIA Lindb. 4168000

(1) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1454.
(2) Pennington & Styles. 1975. *Blumea* 22: 460.
(3) White & Styles. 1986. *FSA* 18,3: 39–41.

capensis (Thunb.) Lindb.
Aitonia capensis Thunb. (2)
Perennial. Tree, shrub. Ht 1–6 m. Alt 122–1600 m. N, NC, WC, EC

PSEUDOBERSAMA Verdc. 4195010

(1) White & Styles. 1963. *FZ* 2: 304, 305.
(2) White & Styles. 1986. *FSA* 18,3: 57–59.

mossambicensis (Sim) Verdc.
Perennial. Tree. Ht 3.5–12 m. Alt 10–500 m. KZN

*TOONA (Endl.) M.Roem. 4156000

(1) Pennington & Styles. 1975. *Blumea* 22: 512, 513.
(2) White & Styles. 1986. *FSA* 18,3: 61.
(3) Edmonds. 1995. *Flora Malesiana* 12: 358–371.

ciliata M.Roem.
Cedrela toona Roxb. ex Rottler & Willd. (1)
Perennial. Tree. Ht 5–12 m. Alt ?–750 m. M, KZN

TRICHILIA P.Browne 4195000

(1) White & Stylcs. 1963. *FZ* 2: 297–304.
(2) De Wilde. 1968. *Mededelingen Landbouwhogeschool Wageningen* 68-2: 50.
(3) White & Styles. 1986. *FSA* 18,3: 53–57.

dregeana Sond.
Perennial. Tree. Ht 2–15 m. Alt 15–1220 m. LIM, M, KZN, EC

ekebergia E.Mey. ex Sond. = **Ekebergia capensis**

emetica Vahl subsp. **emetica**
T. roka Chiov., illegitimate name (1)
Perennial. Tree. Ht 2–18 m. Alt 5–1800 m. N, B, LIM, M, S, KZN

roka Chiov., illegitimate name = **T. emetica** subsp. **emetica**

TURRAEA L. 4171000

(1) White & Styles. 1963. *FZ* 2: 307–315.
(2) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1499.
(3) Pennington & Styles. 1975. *Blumea* 22: 454–458.
(4) White & Styles. 1986. *FSA* 18,3: 41–49.
(5) White. 1988. *The Flowering Plants of Africa* 50: t. 1962.
(6) Williams. 1989. *Bothalia* 19: 31, 32.

floribunda Hochst.
T. heterophylla in sense of Sond., misapplied name (1)
Perennial. Shrub, tree. Ht 1–9 m. Alt 5–915 m. S, KZN, EC

heterophylla in sense of Sond., misapplied name = **T. floribunda**

nilotica Kotschy & Peyr.
T. randii Baker f. (1)
Perennial. Tree, shrub. Ht 1.5–6 m. Alt 425–1065 m. LIM, M, S

oblancifolia Bremek. = **T. obtusifolia**

obtusifolia Hochst.
T. oblancifolia Bremek. (1)
T. obtusifolia Hochst. var. *microphylla* C.DC. (1)
Perennial. Tree, shrub, climber. Ht 0.6–5 m. Alt 5–1405 m. B, LIM, NW, G, M, S, KZN, EC

obtusifolia Hochst. var. *microphylla* C.DC. = **T. obtusifolia**

pulchella (Harms) T.D.Penn.
Nurmonia pulchella Harms (3)
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 305–365 m. KZN, EC

randii Baker f. = **T. nilotica**

streyi F.White & Styles
Perennial. Dwarf shrub. Ht ± 0.75 m. Alt 50–200 m. KZN

zambesica Sprague & Hutch.
Perennial. Tree, shrub. Ht 2–5 m. Alt ± 980 m. N, B

WULFHORSTIA C.DC. 4162010

spicata C.DC. = **Entandrophragma spicatum**

XYLOCARPUS J.König 4167000

(1) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 447.

granatum J.König
Perennial. Tree. Ht ± 5 m. Alt 1–10 m. KZN

MELIANTHACEAE

Compiled by R.H. Archer

BERSAMA Fresen. 4853000

(1) Phillips. 1921. *Bothalia* 1: 33–39.
(2) Verdcourt. 1955. *Kew Bulletin* 1955: 600, 601.
(3) White. 1966. *FZ* 2: 544–547.
(4) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 468–471.

lucens (Hochst.) Szyszyl.
Natalia lucens Hochst. (1)
Perennial. Tree, shrub. Ht 1.5–9 m. Alt 5–1525 m. M, S, KZN, EC

stayneri E.Phillips = **B. tysoniana**

swinnyi E.Phillips
Perennial. Tree. Ht 1.5–10 m. Alt 150–1405 m. KZN, EC

transvaalensis Turrill = **B. tysoniana**

tysoniana Oliv.
B. stayneri E.Phillips (2, 4)
B. transvaalensis Turrill (insufficiently known, 2)
Perennial. Tree, shrub. Ht 3–15 m. Alt 150–1980 m. LIM, M, S, KZN, EC

MELIANTHUS L. 4854000

(1) Phillips & Hofmeyr. 1927. *Bothalia* 2: 351–355.
(2) Dyer. 1952. *The Flowering Plants of Africa* 29: t. 1140.
(3) Dyer. 1959. *The Flowering Plants of Africa* 33: t. 1310.
(4) Wijnands. 1983. *Botany of the Commelins*: 146.
(5) Tansley & Schelpe. 1984. *Bothalia* 15: 143–145.
(6) Brummitt. 1994. *Taxon* 43: 461.
(7) Archer & Condy. 1997. *Flowering Plants of Africa* 55: 82–85, t. 2135.

comosus in sense of Burtt Davy, not of Vahl, misapplied name = **M. dregeanus** subsp. **insignis**

comosus Vahl
Perennial. Tree, shrub. Ht 0.7–2.4 m. Alt 120–2230 m. N, NW, G, M, FS, L, NC, WC, EC

dregeanus Sond. subsp. **dregeanus**
Perennial. Shrub. Ht 0.6–2 m. Alt 365–1400 m. EC

dregeanus Sond. subsp. **insignis** (Kuntze) S.A.Tansley
M. comosus in sense of Burtt Davy, not of Vahl, misapplied name (3)
M. dregeanus Sond. var. *insignis* (Kuntze) E.Phillips & Hofmeyr (5)
M. insignis Kuntze (5)
Perennial. Shrub. Ht 1–2.4 m. Alt 900–2000 m. M, FS, KZN

dregeanus Sond. var. *insignis* (Kuntze) E.Phillips & Hofmeyr = **M. dregeanus** subsp. **insignis**

elongatus Wijnands
M. minor L., name rejected (6)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–600 m. NC, WC

gariepinus Merxm. & Roessler = **M. pectinatus** subsp. **gariepinus**

insignis Kuntze = **M. dregeanus** subsp. **insignis**

major L.
Perennial. Shrub. Ht 0.5–2.4 m. Alt 25–1370 m. NC, WC, EC

minor L., name rejected = **M. elongatus**

pectinatus Harv. subsp. **gariepinus** (Merxm. & Roessler) S.A.Tansley
M. gariepinus Merxm. & Roessler (5)
Perennial. Shrub. Ht 0.6–2 m. Alt 250–660 m. N, NC

pectinatus Harv. subsp. **pectinatus**
Perennial. Shrub. Ht 0.6–1.5 m. Alt 580–915 m. N, NC

villosus Bolus
Perennial. Shrub. Ht 1–2 m. Alt 1500–1980 m. FS, L, KZN

NATALIA Hochst. 4853010

lucens Hochst. = **Bersama lucens**

MENISPERMACEAE

Compiled by H.F. Glen

ALBERTISIA Becc. 2619000

(1) Forman. 1975. *Kew Bulletin* 30: 82–88.

delagoensis (N.E.Br.) Forman
Epinetrum delagoense (N.E.Br.) Diels (1)
Synclisia delagoense N.E.Br. (1)
Perennial. Climber or shrub. Ht 0.2–2 m. Alt 0–150 m. KZN

ANTIZOMA Miers 2573000

(1) Botha. 1980. *Journal of South African Botany* 46: 1–5.

angustifolia (Burch.) Miers ex Harv.
A. burchelliana Miers ex Harv. (1)
A. harveyana Miers ex Harv. (1)
Cissampelos angustifolius Burch. (1)
Perennial. Climber. Ht 0.3–1.8 m. Alt 750–1675 m. N, B, LIM, NW, G, M, FS, KZN, NC

burchelliana Miers ex Harv. = **A. angustifolia**

capensis (L.f.) Diels = **Cissampelos capensis**

capensis (L.f.) Diels var. *pulverulenta* (Harv.) Diels = **Cissampelos capensis**

harveyana Miers ex Harv. = **A. angustifolia**

miersiana Harv.
Perennial. Shrub, climber. Ht 0.35–1.5 m. Alt 275–1000 m. N, NC, WC

CISSAMPELOS L. 2574000

(1) Troupin. 1960. *FZ* 1: 165–169.

(2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
(3) Botha. 1980. *Journal of South African Botany* 46: 1–5.

angustifolius Burch. = **Antizoma angustifolia**

capensis L.f.
Antizoma capensis (L.f.) Diels (3)
Antizoma capensis (L.f.) Diels var. *pulverulenta* (Harv.) Diels (3)
C. fruticosa L.f. (3)
C. humilis Poir. (3)
Perennial. Shrub, herb, climber. Ht 0.4–2 m. Alt 0–1900 m. N, NC, WC, EC

fruticosa L.f. = **C. capensis**

hirta Klotzsch
C. tamnifolia Miers (2)
Perennial. Herb, climber. Ht 0.5–2 m. Alt 0–50 m. KZN

humilis Poir. = **C. capensis**

macrostachya Klotzsch = **C. mucronata**

mucronata A.Rich.
C. macrostachya Klotzsch (2)
C. pareira L. var. *mucronata* (A.Rich.) Engl. (2)
Perennial. Climber. Ht 2–2.5 m. Alt 15–1850 m. N, B, LIM, M, S, KZN

pareira L. var. *mucronata* (A.Rich.) Engl. = **C. mucronata**

tamnifolia Miers = **C. hirta**

torulosa E.Mey. ex Harv.
Menispermum capense Thunb. (2)
Perennial. Climber. Ht 0.3–15 m. Alt 0–1980 m. LIM, M, S, KZN

umbellata E.Mey. ex Miers = **Stephania abyssinica** var. **tomentella**

CLYPEA Blume 2572010

abyssinica Quart.-Dill. & A.Rich. = **Stephania abyssinica** var. **abyssinica**

*COCCULUS DC. 2570000

(1) Troupin. 1960. *FZ* 1: 163–165.
(2) Forman. 1974. *Kew Bulletin* 29: 477–481.
(3) Ferguson. 1974. *Kew Bulletin* 29: 483–492.

hirsutus (L.) Diels
C. villosus DC. (1)
Menispermum hirsutum L. (1)
Perennial. Climber. Ht 1.5–15 m. Alt 50–1200 m. B, N, LIM, M, S, KZN

villosus DC. = **C. hirsutus**

DESMONEMA Miers 2591000

caffrum Miers = **Tinospora caffra**

fragosum I.Verd. = **Tinospora fragosa**

tenerum (Miers) Diels = **Tinospora tenera**

EPINETRUM Hiern 2643000

delagoense (N.E.Br.) Diels = **Albertisia delagoensis**

HYPSERPA Miers 2577010

funifera Miers = **Tiliacora funifera**

MENISPERMUM L. 2567000

capense Thunb. = **Cissampelos torulosa**

hirsutum L. = **Cocculus hirsutus**

STEPHANIA Lour. 2572000

(1) Troupin. 1960. *FZ* 1: 169–171.
(2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
(3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 24–26.

abyssinica (Quart.-Dill. & A.Rich.) Walp. var. **abyssinica**
Clypea abyssinica Quart.-Dill. & A.Rich. (1)
Perennial. Climber. Ht 1–5 m. Alt 50–2100 m. LIM, M, KZN

abyssinica (Quart.-Dill. & A.Rich.) Walp. var. **tomentella** (Oliv.) Diels
Cissampelos umbellata E.Mey. ex Miers (2)
S. hernandifolia (Willd.) Walp. var. *tomentella* Oliv. (3)
Perennial. Climber. Ht 1.5–3 m. Alt 5–1980 m. M, S, FS, KZN, L, EC

hernandifolia (Willd.) Walp. var. *tomentella* Oliv. = **S. abyssinica** var. **tomentella**

SYNCLISIA Benth. 2634000

delagoense N.E.Br. = **Albertisia delagoensis**

TILIACORA Colebr. 2577000

(1) Troupin. 1960. *FZ* 1: 153–155.
(2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
(3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 6–8.

funifera (Miers) Oliv.
Hypserpa funifera Miers (2)
Perennial. Climber. Height indefinite. Alt 0–750 m. M, KZN

TINOSPORA Miers 2583000

(1) Troupin. 1960. *FZ* 1: 159–163.
(2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
(3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 13–16.

caffra (Miers) Troupin
Desmonema caffrum Miers (2)
Perennial. Climber. Ht 1–10 m. Alt 0–1200 m. B, M, KZN

fragosa (I.Verd.) I.Verd. & Troupin
Desmonema fragosum I.Verd. (2)
Perennial. Climber. Ht 2–4 m. Alt 300–1100 m. N, B, LIM, M

stuhlmannii Engl. = **T. tenera**

tenera Miers
Desmonema tenerum (Miers) Diels (2)
T. stuhlmannii Engl. (2)
Perennial. Climber. Ht 1–2 m. Alt 150–1050 m. M, S

MENYANTHACEAE

Compiled by C.L. Bredenkamp

NYMPHOIDES Ség. 6545000

(1) Marais & Verdoorn. 1963. *FSA* 26: 242, 243.
(2) Raynal. 1974. *Adansonia* 2,14(2): 227–270.
(3) Raynal. 1974. *Adansonia* 2,14(3): 405–458.
(4) Cook. 1990. *Aquatic plant book*: 128.
(5) Mackinder. 1990. *FZ* 7,4: 51–56.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 356, 357.

brevipedicellata (Vatke) A.Raynal
N. indica in sense of Marais & I.Verd. (5)
Perennial. Hydrophyte. Length of stolons depending on depth of water. Alt up to 1750 m. N, B

forbesiana (Griseb.) Kuntze
Annual, occ. perennial. Hydrophyte. Length of stolons depending on depth of water. Alt up to 2100 m. KZN

indica in sense of Marais & I.Verd. = **N. brevipedicellata**

indica (L.) Kuntze subsp. **occidentalis** A.Raynal
Perennial. Hydrophyte. Ht ± 0.25 m. Alt 155–1650 m. N, B, LIM, NW, G, M, S, KZN

rautanenii (N.E.Br.) A.Raynal
Annual, occ. perennial. Hydrophyte. Length of stolons depending on depth of water. Alt 305–1100 m. N, B, KZN

thunbergiana (Griseb.) Kuntze
Perennial. Hydrophyte. Length of stolons ± 0.5 m. Alt 15–1600 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

VILLARSIA Vent. 6544000

(1) Marais & Verdoorn. 1963. *FSA* 26: 241, 242.
(2) Aston. 1969. *Meulleria* 2,1: 2–61.
(3) Cook. 1990. *Aquatic plant book*: 128.
(4) Ornduff. 1999. *Novon* 9: 407–409.
(5) Ornduff. 1999. *Novon* 11: 437–439.

capensis (Houtt.) Merr.
Annual, occ. perennial. Hydrophyte. Ht 0.05–1 m. Alt 155–1065 m. WC, EC

goldblattiana Ornduff
Perennial. Herb. Ht 0.16–0.41 m. Alt 0–600 m. WC

manningiana Ornduff
Perennial. Herb. Ht 0.12–0.67 m. Alt 244–1524 m. WC

MESEMBRYANTHEMACEAE

Compiled by P. Chesselet, P.M. Burgoyne, C. Klak, H. Kurzweil, A.P. Dold, N.J. Griffin & G.F. Smith

ABRYANTHEMUM Neck. 2405162

acinaciforme (L.) Rothm., illegitimate name = **Carpobrotus acinaciformis**

edule (L.) Rothm. = **Carpobrotus edulis** subsp. **edulis**

ACRODON N.E.Br. 2405001

(1) Glen. 1986. *Bothalia* 16: 212–218.
(2) Hartmann. 1996. *Bradleya* 14: 29–34.
(3) Burgoyne. 1998. *Aloe* 35: 60, 61.
(4) Hartmann. 1998. *Bradleya* 16: 48–56.
(5) Hartmann. 1999. *Bradleya* 17: 38–74.
(6) Klak. 2000. *Bothalia* 30: 35–42.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 23–25.

bellidiflorus (L.) N.E.Br.
A. bellidiflorus (L.) N.E.Br. var. *striatus* (Haw.) N.E.Br. (1)
A. bellidiflorus (L.) N.E.Br. var. *viridis* (Haw.) N.E.Br. (1)
A. duplessiae (L.Bolus) Glen (2)
Ruschia constricta L.Bolus (2)
Ruschia duplessiae L.Bolus (2)
Ruschia graminea H.Jacobsen (5)
Ruschia longifolia L.Bolus (1)
Ruschia macrophylla L.Bolus (2)
Perennial. Succulent. Ht ± 0.05–0.12 m. Alt up to 300 m. WC

bellidiflorus (L.) N.E.Br. var. *striatus* (Haw.) N.E.Br. = **A. bellidiflorus**

bellidiflorus (L.) N.E.Br. var. *viridis* (Haw.) N.E.Br. = **A. bellidiflorus**

duplessiae (L.Bolus) Glen = **A. bellidiflorus**

leptophyllus (L.Bolus) Glen = **A. subulatus**

parvifolius R.du Plessis
Perennial. Succulent. Ht ± 0.1 m. Alt up to 200 m. WC

purpureostylus (L.Bolus) Burgoyne
Cerochlamys purpureostyla (L.Bolus) H.E.K.Hartmann (6)
Erepsia purpureostyla (L.Bolus) Schwantes (4)
Mesembryanthemum purpureostylum L.Bolus (3)
Ruschia forficata in sense of L.Bolus in part, misapplied name (3)
Ruschia purpureostyla (L.Bolus) Bruyns (3)
Perennial. Succulent. Ht ± 0.15 m. Alt 100–500 m. WC

quarcicola H.E.K.Hartmann
Perennial. Succulent. Ht ± 0.08 m. Alt up to 100 m. WC

subulatus (Mill.) N.E.Br.
A. leptophyllus (L.Bolus) Glen (2)
Mesembryanthemum bellidiflorum L. var. *subulatum* (Mill.) Haw. (7)
Ruschia leptophylla L.Bolus (7)
Perennial. Succulent. Ht 0.05–0.1 m. Alt 100–650 m. WC

AETHEPHYLLUM N.E.Br. 2405002

(1) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 26, 27.

pinnatifidum (L.f.) N.E.Br.
Annual. Succulent. Ht ± 0.1 m. Alt 80–600 m. WC

ALOINOPSIS Schwantes 2405003

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 73.
(2) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1035.
(3) Bolus. 1958. *Notes on* Mesembryanthemum *and allied genera,* part 3: 372–381.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 33–37.

acuta L.Bolus
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 80–600 m. NC

hilmarii (L.Bolus) L.Bolus = **Deilanthe hilmarii**

jamesii L.Bolus = **A. rubrolineata**

lodewykii L.Bolus = **A. luckhoffii**

loganii (L.Bolus) L.Bolus
Perennial. Succulent. Ht ± 0.03–0.06 m. Alt 700–1000 m. WC

luckhoffii (L.Bolus) L.Bolus
A. lodewykii L.Bolus (4)
A. setifera (L.Bolus) L.Bolus (4)
A. villetii (L.Bolus) L.Bolus (4)
Titanopsis luckhoffii L.Bolus (4)
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 700–900 m. NC

malherbei (L.Bolus) L.Bolus
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 1000–1200 m. NC

orpenii (N.E.Br.) L.Bolus = **Prepodesma orpenii**

peersii (L.Bolus) L.Bolus = **Deilanthe peersii**

rosulata (Kensit) Schwantes
Perennial. Succulent. Ht ± 0.02–0.05 m. Alt 900–1200 m. EC

rubrolineata (N.E.Br.) Schwantes
A. jamesii L.Bolus (4)
Perennial. Succulent. Ht ± 0.04–0.07 m. Alt 600–1300 m. EC

schooneesii L.Bolus
A. schooneesii L.Bolus var. *acutipetala* L.Bolus (4)
A. schooneesii L.Bolus var. *willowmorensis* L.Bolus (4)
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 900–1200 m. EC

schooneesii L.Bolus var. *acutipetala* L.Bolus = **A. schooneesii**

schooneesii L.Bolus var. *willowmorensis* L.Bolus = **A. schooneesii**

setifera (L.Bolus) L.Bolus = **A. luckhoffii**

spathulata (Thunb.) L.Bolus
Mesembryanthemum crassipes Marloth (4)
Perennial. Succulent. Ht ± 0.02–0.04 m. Alt 1200–1800 m. NC

thudichumii L.Bolus = **Deilanthe thudichumii**

villetii (L.Bolus) L.Bolus = **A. luckhoffii**

AMOEBOPHYLLUM N.E.Br. 2405004

angustum N.E.Br., illegitimate name = **Phyllobolus roseus**

guerichianum (Pax) N.E.Br. = **Mesembryanthemum guerichianum**

rangei N.E.Br. = **Phyllobolus oculatus**

roseum L.Bolus = **Phyllobolus roseus**

AMPHIBOLIA L.Bolus ex A.G.J.Herre 2405005

(1) Hartmann & Dehn. 1989. *Bothalia* 19: 179–182.
(2) Hartmann. 1996. *Bradleya* 14: 29–56.
(3) Hartmann. 1998. *Bradleya* 16: 47, 48.
(4) Hartmann. 1999. *Bradleya* 17: 38–74.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 37–39.

gydouwensis (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus gydouwensis**

hallii (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus amphibolius**

hutchinsonii (L.Bolus) H.E.K.Hartmann = **A. laevis**

laevis (Aiton) H.E.K.Hartmann
A. hutchinsonii (L.Bolus) H.E.K.Hartmann (5)
A. maritima L.Bolus ex Tölken & Jessop, invalid name (3)
Mesembryanthemum hutchinsonii (L.Bolus) N.E.Br. (3)
Mesembryanthemum laeve Aiton (5)
Mesembryanthemum pansifolium N.E.Br. (3)
Ruschia hutchinsonii L.Bolus (3)
Ruschia maritima (L.Bolus ex Tölken & Jessop) G.D.Rowley (3)
Perennial. Succulent. Ht 0.2–0.4 m. Alt 5–100 m. NC, WC

littlewoodii (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus mutatus**

maritima L.Bolus ex Tölken & Jessop, invalid name = **A. laevis**

obscura H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.4 m. Alt 110–490 m. N, NC

rupis-arcuatae (Dinter) H.E.K.Hartmann
Mesembryanthemum namaquanum (L.Bolus) N.E.Br. (3)
Mesembryanthemum rupis-arcuatae Dinter (2)
Ruschia namaquana L.Bolus (4)
Ruschia rupis-arcuatae (Dinter) Friedrich (2)
Stoeberia rupis-arcuatae (Dinter) Dinter & Schwantes (2)
Perennial. Succulent. Ht up to 0.5 m. Alt 10–550 m. N, NC

saginata (L.Bolus) H.E.K.Hartmann
Ruschia saginata L.Bolus (3)
Ruschia stricta L.Bolus var. *turgida* L.Bolus (3)
Perennial. Succulent. Ht up to 0.4 m. Alt 750–1150 m. N

staynerii L.Bolus ex Tölken & Jessop = **Lampranthus dissimilis**

stayneri L.Bolus, illegitimate name = **Lampranthus dissimilis**

succulenta (L.Bolus) H.E.K.Hartmann
Mesembryanthemum succulentum (L.Bolus) N.E.Br. (3)
Ruschia succulenta L.Bolus (3)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–460 m. NC

ANISOCALYX L.Bolus 2405163

salarius L.Bolus = **Jacobsenia vaginata**

vaginatus (L.Bolus) L.Bolus = **Jacobsenia vaginata**

ANTEGIBBAEUM Schwantes ex C.Weber 2405007

(1) Glen. 1974. *A revision of the Gibbaeinae (Mesembryanthemaceae).* Unpublished M.Sc. thesis, University of Cape Town.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 40, 41.

fissoides (Haw.) Schwantes ex C.Weber
Perennial. Succulent. Ht 0.05–0.08 m. Alt 300–700 m. WC

ANTIMIMA N.E.Br. emend. Dehn 2405129

(1) Brown 1930. *The Gardeners' Chronicle* 87: 32, 33.
(2) Brown 1930. *The Gardeners' Chronicle* 87: 211.
(3) Dehn. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 189–215.
(4) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(5) Hartmann. 1996. *Kakteen und andere Sukkulenten* 47: 229–234.
(6) Hartmann. 1998. *Bothalia* 28: 67–82.
(7) Klak. 2000. *Bothalia* 30: 35–42.
(8) Chesselet. 2001. *Aloe* 38: 17.
(9) Chesselet & Smith. 2001. *Bradleya* 19: 121–123.
(10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 41–65.

addita (L.Bolus) H.E.K.Hartmann
Ruschia addita L.Bolus (6)
Perennial. Succulent. Ht up to 0.065 m, when in flower. Alt 600–1200 m. NC

alborubra (L.Bolus) Dehn
Ruschia alborubra L.Bolus (3)
Perennial. Succulent. Ht up to 0.19 m. Alt 300–750 m. NC

amoena (Schwantes) H.E.K.Hartmann
Ruschia amoena Schwantes (6)
Perennial. Succulent. Ht up to 0.05 m. Alt up to 1100 m. NC

androsacea (Marloth & Schwantes) H.E.K.Hartmann
Mesembryanthemum androsaceum Marloth, naked name (6)
Mesembryanthemum androsaceum (Schwantes) N.E.Br. (6)
Ruschia androsacea Marloth & Schwantes (6)
Ruschia androsacea Marloth & Schwantes, naked name (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 1200–1800 m. NC

argentea (L.Bolus) H.E.K.Hartmann
Ruschia argentea L.Bolus (6)
Perennial. Succulent. Ht? Alt 20–400 m. N

aristulata (Sond.) Chesselet & G.F.Sm.
Mesembryanthemum aristulatum Sond. (9)
Ruschia aristulata (Sond.) Schwantes (9)
Ruschia pulchella (Haw.) Schwantes var. *caespitosa* L.Bolus (9)
Perennial. Succulent. Ht 0.02–0.05 m. Alt 400–1050 m. WC

aurasensis H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.25 m. Alt 300–900 m. N

biformis (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum biforme N.E.Br. (6)
Ruschia biformis (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.025 m. Alt 190–300 m. WC

bina (L.Bolus) H.E.K.Hartmann
Ruschia bina L.Bolus (6)
Perennial. Succulent. Ht up to 0.9 m. Alt 200–850 m. WC

bracteata (L.Bolus) H.E.K.Hartmann
Ruschia bracteata L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 50–400 m. NC

brevicarpa (L.Bolus) H.E.K.Hartmann
Ruschia brevicarpa L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–2000 m. WC

brevicollis (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum brevicolle N.E.Br. (6)
Ruschia brevicollis (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.027 m. Alt 600–900 m. WC

buchubergensis (Dinter) H.E.K.Hartmann
Ruschia buchubergensis Dinter (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 500–1000 m. N

compacta (L.Bolus) H.E.K.Hartmann
Ruschia compacta L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

compressa (L.Bolus) H.E.K.Hartmann
Ruschia compressa L.Bolus (6)
Perennial. Succulent. Ht up to 0.12 m. Alt up to 1200 m. NC

concinna (L.Bolus) H.E.K.Hartmann
Mesembryanthemum comptum N.E.Br. (6)
Ruschia concinna L.Bolus (6)
Perennial. Succulent. Ht up to 0.07 m. Alt 200–400 m. WC

condensa (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum condensum N.E.Br. (6)
Ruschia condensa (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 500–1100 m. WC

crassifolia (L.Bolus) H.E.K.Hartmann
Ruschia crassifolia L.Bolus (6)
Perennial. Succulent. Ht up to 0.6 m. Alt 400–700 m. NC

dasyphylla (Schltr.) H.E.K.Hartmann
Mesembryanthemum ciliolatum N.E.Br. (6)
Mesembryanthemum dasyphyllum Schltr. (6)
Ruschia concava L.Bolus (6)
Ruschia dasyphylla (Schltr.) Schwantes (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 600–1800 m. WC

defecta (L.Bolus) H.E.K.Hartmann
Ruschia defecta L.Bolus (6)
Ruschia deflecta L.Bolus (6)
Perennial. Succulent. Ht up to 0.13 m. Alt up to 1200 m. NC

dekenahi (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum dekenahi N.E.Br. (6)
Ruschia dekenahi (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1800 m. NC

distans (L.Bolus) H.E.K.Hartmann
Mesembryanthemum distans L.Bolus (6)
Ruschia distans (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 300–1600 m. NC, WC

dolomitica (Dinter) H.E.K.Hartmann
Corpuscularia dolomitica (Dinter) Schwantes (6)
Mesembryanthemum dolomiticum Dinter (6)
Ruschia dolomitica (Dinter) Dinter & Schwantes (6)
Perennial. Succulent. Ht up to 0.35 m. Alt 50–200 m. N

dualis (N.E.Br.) N.E.Br.
Argyroderma duale (N.E.Br.) N.E.Br. (6)
Mesembryanthemum duale N.E.Br. (3)
Ruschia dualis (N.E.Br.) L.Bolus (3)
Ruschia villetii L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 50–400 m. NC, WC

eendornensis (Dinter) H.E.K.Hartmann
Mesembryanthemum eendornense Dinter (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1000 m. N

elevata (L.Bolus) H.E.K.Hartmann
Ruschia elevata L.Bolus (6)
Perennial. Succulent. Ht up to 0.06 m. Alt up to 1200 m. NC

emarcescens (L.Bolus) H.E.K.Hartmann
Ruschia emarcescens L.Bolus (6)
Ruschia emarcidens L.Bolus ex Jacobsen (6)
Perennial. Succulent. Ht 0.21–0.23 m. Alt 1200–1400 m. NC

erosa (L.Bolus) H.E.K.Hartmann
Ruschia erosa L.Bolus (6)
Perennial. Succulent. Ht up to 0.12 m. Alt 500–800 m. WC

evoluta (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum evolutum N.E.Br. (6)
Ruschia evoluta (N.E.Br.) L.Bolus (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 200–400 m. NC, WC

excedens (L.Bolus) Klak
Ruschia excedens L.Bolus (7)
Perennial. Succulent. Ht up to 0.024 m. Alt 200–400 m. WC

exsurgens (L.Bolus) H.E.K.Hartmann
Ruschia exsurgens L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m. NC, WC

fenestrata (L.Bolus) H.E.K.Hartmann
Ruschia fenestrata L.Bolus (6)
Perennial. Succulent. Ht up to 0.12 m. Alt 200–400 m. WC

fergusoniae (L.Bolus) H.E.K.Hartmann
Mesembryanthemum fergusoniae (L.Bolus) N.E.Br. (6)
Ruschia fergusoniae L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 200–1000 m. WC

gracillima (L.Bolus) H.E.K.Hartmann
Ruschia gracillima L.Bolus (6)
Perennial. Succulent. Ht 0.05–0.25 m. Alt 900–1600 m. NC

granitica (L.Bolus) H.E.K.Hartmann
Mesembryanthemum graniticum L.Bolus (6)
Ruschia granitica (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 20–100 m. NC

hallii (L.Bolus) H.E.K.Hartmann
Ruschia hallii L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 900–1600 m. NC

hamatilis (L.Bolus) H.E.K.Hartmann
Mesembryanthemum hamatile (L.Bolus) N.E.Br. (6)
Ruschia hamatilis L.Bolus (6)
Perennial. Succulent. Ht 0.08–0.12 m. Alt 200–800 m. WC

hantamensis (Engl.) H.E.K.Hartmann & Stüber
Eberlanzia disarticulata (L.Bolus) L.Bolus (4)
Eberlanzia stellata L.Bolus, naked name (6)
Mesembryanthemum hantamense Engl. (4)
Mesembryanthemum stellans (L.Bolus) N.E.Br. (6)
Ruschia disarticulata L.Bolus (4)
Ruschia stellata L.Bolus (6)
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1800 m. NC, WC

herrei (Schwantes) H.E.K.Hartmann
Mesembryanthemum herrei (Schwantes) N.E.Br. (6)
Ruschia herrei Schwantes (6)
Perennial. Succulent. Ht up to 0.16 m. Alt 1000–1900 m. WC

insidens (L.Bolus) Chesselet
Mesembryanthemum insidens (L.Bolus) N.E.Br. (8)
Ruschia insidens L.Bolus (8)
Perennial. Succulent. Ht up to 0.25 m. Alt 600–800 m. NC

intervallaris (L.Bolus) H.E.K.Hartmann
Ruschia intervallaris L.Bolus (6)
Perennial. Succulent. Ht 0.15–0.2 m. Alt 200–400 m. WC

ivori (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum ivori N.E.Br. (6)
Ruschia ivori (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 900–1800 m. NC

karroidea (L.Bolus) H.E.K.Hartmann
Ruschia karroidea L.Bolus (6)
Perennial. Succulent. Ht up to 0.07 m. Alt 800–1100 m. WC

klaverensis (L.Bolus) H.E.K.Hartmann
Mesembryanthemum klaverense L.Bolus (6)
Ruschia klaverensis (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 200–400 m. NC

koekenaapensis (L.Bolus) H.E.K.Hartmann
Ruschia koekenaapensis L.Bolus (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 200–400 m. NC, WC

komkansica (L.Bolus) H.E.K.Hartmann
Ruschia komkansica L.Bolus (6)
Perennial. Succulent. Ht up to 0.6 m. Alt 300–500 m. NC

lawsonii (L.Bolus) H.E.K.Hartmann
Mesembryanthemum lawsonii L.Bolus (6)
Ruschia lawsonii (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 1300–1600 m. NC

leipoldtii (L.Bolus) H.E.K.Hartmann
Mesembryanthemum leipoldtii (L.Bolus) N.E.Br. (6)
Ruschia leipoldtii L.Bolus (6)
Perennial. Succulent. Ht 0.15–0.2 m. Alt 800–1100 m. WC

leucanthera (L.Bolus) H.E.K.Hartmann
Mesembryanthemum leucantherum L.Bolus (6)
Ruschia leucanthera (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1800 m. WC

limbata (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum limbatum N.E.Br. (6)
Ruschia limbata (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht 0.03–0.1 m. Alt 5–100 m. WC

lodewykii (L.Bolus) H.E.K.Hartmann
Ruschia lodewykii L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 200–400 m. NC, WC

loganii (L.Bolus) H.E.K.Hartmann
Ruschia loganii L.Bolus (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 400–1100 m. WC

lokenbergensis (L.Bolus) H.E.K.Hartmann
Ruschia lokenbergensis L.Bolus (6)
Perennial. Succulent. Ht ± 0.45 m. Alt 800–1500 m. NC

longipes (L.Bolus) Dehn
Mesembryanthemum longipes (L.Bolus) N.E.Br. (6)
Ruschia longipes L.Bolus (3)
Perennial. Succulent. Ht ± 0.08 m. Alt up to 1200 m. NC

luckhoffii (L.Bolus) H.E.K.Hartmann
Ruschia luckhoffii L.Bolus (6)
Perennial. Succulent. Ht up to 0.05 m. Alt 500–700 m. WC

maleolens (L.Bolus) H.E.K.Hartmann
Mesembryanthemum maleolens (L.Bolus) N.E.Br. (6)
Ruschia maleolens L.Bolus (6)
Perennial. Succulent. Ht 0.12–0.25 m. Alt 50–300 m. NC

maxwellii (L.Bolus) H.E.K.Hartmann
Mesembryanthemum maxwellii (L.Bolus) N.E.Br. (6)
Ruschia maxwellii L.Bolus (6)
Perennial. Succulent. Ht 0.06–0.2 m. Alt 900–1400 m. EC

menniei (L.Bolus) H.E.K.Hartmann
Ruschia menniei L.Bolus (6)
Perennial. Succulent. Ht ± 0.25 m. Alt 200–400 m. WC

mesklipensis (L.Bolus) H.E.K.Hartmann
Ruschia mesklipensis L.Bolus (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 300–1200 m. NC

meyerae (Schwantes) H.E.K.Hartmann
Ruschia meyerae Schwantes (6)
Perennial. Succulent. Ht up to 0.05 m. Alt up to 1200 m. NC

microphylla (Haw.) Dehn
Mesembryanthemum microphyllum Haw. (3)
Ruschia microphylla (Haw.) Schwantes (3)
Perennial. Succulent. Ht ± 0.1 m. Alt 300–1800 m. WC

minima (Tischer) H.E.K.Hartmann
Cheiridopsis minima Tischer (6)
Perennial. Succulent. Ht 0.05–0.06 m. Alt up to 1200 m. NC

minutifolia (L.Bolus) H.E.K.Hartmann
Ruschia minutifolia L.Bolus (6)
Perennial. Succulent. Ht ± 0.08–0.15 m. Alt 300–900 m. WC

modesta (L.Bolus) H.E.K.Hartmann
Ruschia modesta L.Bolus forma *glabrescens* L.Bolus (6)
Ruschia modesta L.Bolus forma *modesta* (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 50–300 m. N

mucronata (Haw.) H.E.K.Hartmann
Mesembryanthemum mucronatum Haw. (6)
Ruschia mathewsii L.Bolus (6)
Ruschia mucronata (Haw.) Schwantes (6)
Perennial. Succulent. Ht ± 0.04 m. Alt 180–300 m. WC

mutica (L.Bolus) H.E.K.Hartmann
Mesembryanthemum muticum (L.Bolus) N.E.Br. (6)
Ruschia mutica L.Bolus (6)
Perennial. Succulent. Ht ± 0.12 m. Alt 300–600 m. WC

nobilis (Schwantes) H.E.K.Hartmann
Ruschia nobilis Schwantes (6)
Perennial. Succulent. Ht ± 0.3 m. Alt 200–900 m. NC

nordenstamii (L.Bolus) H.E.K.Hartmann
Ruschia nordenstamii L.Bolus (6)
Perennial. Succulent. Ht ± 0.4 m. Alt 200–400 m. WC

oviformis (L.Bolus) H.E.K.Hartmann
Ruschia oviformis L.Bolus (6)
Perennial. Succulent. Ht ± 0.06 m. Alt 100–300 m. NC

papillata (Bolus) H.E.K.Hartmann
Ruschia meyeri Schwantes (6)
Ruschia papillata L.Bolus (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 300–1200 m. NC, WC

paucifolia (L.Bolus) H.E.K.Hartmann
Ruschia paucifolia L.Bolus (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 200–1400 m. NC, WC

pauper (L.Bolus) H.E.K.Hartmann
Ruschia pauper L.Bolus (6)
Perennial. Succulent. Ht ± 0.35 m. Alt up to 1100 m. NC

peersii (L.Bolus) H.E.K.Hartmann
Mesembryanthemum formosulum N.E.Br. (6)
Ruschia peersii L.Bolus (6)
Perennial. Succulent. Ht ± 0.08 m. Alt 200–800 m. WC

perforata (L.Bolus) H.E.K.Hartmann
Mesembryanthemum perforatum (L.Bolus) N.E.Br. (6)
Ruschia paripetala (L.Bolus) L.Bolus var. *occultans* L.Bolus (6)
Ruschia perforata L.Bolus (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 50–200 m. N

persistens (L.Bolus) H.E.K.Hartmann
Ruschia persistens L.Bolus (1963), not of L.Bolus (1932), illegitimate name (6)
Perennial. Succulent. Ht ± 0.07–0.15 m. Alt 300–800 m. WC

pilosula (L.Bolus) H.E.K.Hartmann
Ruschia pilosula L.Bolus (6)
Perennial. Succulent. Ht ± 0.24 m. Alt 200–600 m. NC

piscodora (L.Bolus) H.E.K.Hartmann
Ruschia piscodora L.Bolus (6)
Perennial. Succulent. Ht ± 0.54 m. Alt 800–1800 m. NC, WC

prolongata (L.Bolus) H.E.K.Hartmann
Ruschia prolongata L.Bolus (6)
Perennial. Succulent. Ht ± 0.3 m. Alt 400–1600 m. NC

propinqua (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum propinquum N.E.Br. (6)
Ruschia propinqua (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht ± 0.027 m. Alt 500–800 m. WC

prostrata (L.Bolus) H.E.K.Hartmann
Mesembryanthemum prostratum (L.Bolus) N.E.Br. (6)
Ruschia prostrata L.Bolus (6)
Perennial. Succulent. Ht ± 0.15 m. Alt 100–500 m. WC

pumila (Fedde & K.Schust.) H.E.K.Hartmann
Mesembryanthemum levynsiae L.Bolus (6)
Mesembryanthemum pumilum L.Bolus (6)
Mesembryanthemum pumilum (L.Bolus) N.E.Br., illegitimate name (6)
Ruschia levynsiae (L.Bolus) Schwantes (6)
Ruschia pumila L.Bolus (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 300–600 m. WC

pusilla (Schwantes) H.E.K.Hartmann
Mesembryanthemum parvum N.E.Br. (6)
Ruschia pusilla Schwantes (6)
Perennial. Succulent. Ht ± 0.075 m. Alt up to 1000 m. NC

pygmaea (Haw.) H.E.K.Hartmann
Mesembryanthemum pygmaeum Haw. (6)
Ruschia pygmaea (Haw.) Schwantes (6)
Perennial. Succulent. Ht ± 0.15 m. Alt 300–1100 m. WC

quarzitica (Dinter) H.E.K.Hartmann
Corpuscularia quarzitica (Dinter) Schwantes (6)
Mesembryanthemum quarziticum Dinter (6)
Ruschia quarzitica (Dinter) Dinter & Schwantes (6)
Perennial. Succulent. Ht ± 0.3 m. Alt 50–400 m. N

roseola (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum roseolum N.E.Br. (6)
Ruschia roseola (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 200–800 m. WC

saturata (L.Bolus) H.E.K.Hartmann
Mesembryanthemum atrocinctum N.E.Br. (6)
Ruschia saturata L.Bolus (6)
Perennial. Succulent. Ht ± 0.12 m. Alt 200–800 m. WC

saxicola (L.Bolus) H.E.K.Hartmann
Mesembryanthemum saxicolum (L.Bolus) N.E.Br. (6)
Ruschia saxicola L.Bolus (6)
Perennial. Succulent. Ht ± 0.7 m. Alt 1400–1600 m. FS

schlechteri (Schwantes) H.E.K.Hartmann
Mesembryanthemum schlechteri (Schwantes) N.E.Br. (6)
Ruschia schlechteri Schwantes (6)
Perennial. Succulent. Ht 0.05–0.1 m. Alt ± 1200 m. NC

simulans (L.Bolus) H.E.K.Hartmann
Ruschia simulans L.Bolus (6)
Perennial. Succulent. Ht ± 0.05 m. Alt 200–400 m. WC

sobrina (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum sobrinum N.E.Br. (6)
Ruschia sobrina (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht ± 0.027 m. Alt 200–300 m. WC

solida (L.Bolus) H.E.K.Hartmann
Mesembryanthemum solidum L.Bolus (6)
Ruschia solida (L.Bolus) L.Bolus var. *solida* (6)
Ruschia solida (L.Bolus) L.Bolus var. *stigmatosa* L.Bolus (6)
Perennial. Succulent. Ht ± 0.08 m. Alt 100–400 m. WC

stayneri (L.Bolus) H.E.K.Hartmann
Ruschia stayneri L.Bolus (6)
Perennial. Succulent. Ht ± 0.3 m. Alt 900–1600 m. NC

stokoei (L.Bolus) H.E.K.Hartmann
Ruschia stokoei L.Bolus (6)
Perennial. Succulent. Ht ± 0.05 m. Alt 400–600 m. WC

subtruncata (L.Bolus) H.E.K.Hartmann
Ruschia subtruncata L.Bolus var. *minor* L.Bolus (6)
Ruschia subtruncata L.Bolus var. *subtruncata* (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 700–900 m. NC

triquetra (L.Bolus) H.E.K.Hartmann
Mesembryanthemum triquetrum (L.Bolus) N.E.Br. (6)
Ruschia triquetra L.Bolus (6)
Perennial. Succulent. Ht ± 0.15 m. Alt 300–600 m. NC, WC

tuberculosa (L.Bolus) H.E.K.Hartmann
Mesembryanthemum enorme N.E.Br. (6)
Ruschia tuberculosa L.Bolus (6)
Perennial. Succulent. Ht ± 0.08 m. Alt 300–600 m. WC

turneriana (L.Bolus) H.E.K.Hartmann
Ruschia turneriana L.Bolus (6)
Perennial. Succulent. Ht 0.02–0.04 m. Alt 200–400 m. WC

vanzylii (L.Bolus) H.E.K.Hartmann
Ruschia vanzylii L.Bolus (6)
Perennial. Succulent. Ht ± 0.2 m. Alt 800–950 m. NC

varians (L.Bolus) H.E.K.Hartmann
Ruschia varians L.Bolus (6)
Perennial. Succulent. Ht ± 0.18 m. Alt 800–1200 m. NC

ventricosa (L.Bolus) H.E.K.Hartmann
Cheiridopsis ventricosa (L.Bolus) N.E.Br. (6)
Mesembryanthemum ventricosum L.Bolus (6)
Ruschia ventricosa (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 300–600 m. WC

verruculosa (L.Bolus) H.E.K.Hartmann
Mesembryanthemum verruculosum (L.Bolus) N.E.Br. (6)
Ruschia verruculosa L.Bolus (6)
Perennial. Succulent. Ht ± 0.07 m. Alt 200–400 m. WC

virgata (Haw.) Dehn = **Ruschia virgata**

watermeyeri (L.Bolus) H.E.K.Hartmann
Ruschia obtusifolia L.Bolus (6)
Ruschia stenopetala L.Bolus (6)
Ruschia watermeyeri L.Bolus (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 200–300 m. WC

wittebergensis (L.Bolus) H.E.K.Hartmann
Mesembryanthemum wittebergense L.Bolus (6)
Ruschia wittebergensis (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht ± 0.025–0.05 m. Alt 800–1100 m. WC

ANYSOCALYX L.Bolus 2405006

vaginatus (L.Bolus) L.Bolus = **Jacobsenia vaginata**

APATESIA N.E.Br. 2405008

(1) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 65, 66.

helianthoides (Aiton) N.E.Br.
Annual. Succulent. Ht ± 0.25 m, when in flower. Alt 170–900 m. WC

maughanii N.E.Br. = **A. sabulosa**

pillansii N.E.Br.
Annual. Succulent. Ht ± 0.25 m, when in flower. Alt 20–200 m. WC

sabulosa (Thunb.) L.Bolus
A. maughanii N.E.Br. (1)
Annual. Succulent. Ht up to 0.3 m, when in flower. Alt 300–600 m. WC

APTENIA N.E.Br. 2405009

(1) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 66–68.

cordifolia (L.f.) Schwantes
Perennial. Succulent. Ht ± 0.25 m. Alt 20–800 m. KZN, EC

geniculiflora (L.) Bittrich ex Gerbaulet
Psilocaulon melanospermum (A.Berger) N.E.Br. (1)
Sphalmanthus decussatus (Thunb.) L.Bolus (1)
Sphalmanthus geniculiflorus (L.) L.Bolus (1)
Perennial. Succulent. Ht ± 0.45 m. Alt 800–1800 m. N, NC, EC

haeckeliana (A.Berger) Bittrich ex Gerbaulet
Platythyra haeckeliana (A.Berger) N.E.Br. (1)
Perennial. Succulent. Ht ± 0.25 m. Alt 50–500 m. EC

lancifolia L.Bolus
Perennial. Succulent. Ht ± 0.3 m. Alt 900–1100 m. LIM

ARENIFERA A.G.J.Herre 2405010

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 280A.
(2) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(3) Hartmann. 1996. *Bradleya* 14: 35–38.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 68–70.

pillansii (L.Bolus) A.G.J.Herre
Psammophora pillansii L.Bolus (3)
Perennial. Succulent. Ht ± 0.4 m. Alt up to 1000 m. NC

pungens H.E.K.Hartmann
Perennial. Succulent. Ht ± 0.15 m. Alt 800–1500 m. NC

spinescens (L.Bolus) H.E.K.Hartmann
Ruschia spinescens L.Bolus (3)
Perennial. Succulent. Ht ± 0.4 m. Alt 300–1100 m. WC

stylosa (L.Bolus) H.E.K.Hartmann
Eberlanzia armata (L.Bolus) L.Bolus (3)
Eberlanzia stylosa (L.Bolus) L.Bolus (3)
Ruschia armata L.Bolus (3)
Ruschia stylosa L.Bolus (3)
Perennial. Succulent. Ht ± 0.25 m. Alt up to 1200 m. NC

ARGYRODERMA N.E.Br. 2405011

(1) Brown. 1922. *The Flowering Plants of South Africa* 2: t. 78.
(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 268.
(3) Maass. 1927. In Schwantes, *Zeitschrift für Sukkulentenkunde* 3: 294, 295.
(4) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1057.
(5) Hartmann. 1973. *The National Cactus and Succulent Journal* 28: 48–50.
(6) Hartmann. 1977. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 15: 121–235.
(7) Van Jaarsveld. 1997. *Aloe* 34: 12, 13.
(8) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 70–75.

amoenum Schwantes = **A. pearsonii**

angustipetalum L.Bolus = **A. congregatum**

aureum L.Bolus = **A. delaetii**

australe L.Bolus = **A. delaetii**

blandum L.Bolus = **A. delaetii**

boreale L.Bolus = **A. delaetii**

braunsii (Schwantes) Schwantes = **A. fissum**

brevipes (Schltr.) L.Bolus = **A. fissum**

brevitubum L.Bolus = **A. delaetii**

carinatum L.Bolus in part = **A. delaetii**

carinatum L.Bolus in part = **A. testiculare**

citrinum L.Bolus = **A. delaetii**

concinnum Schwantes = **A. delaetii**

congregatum L.Bolus
A. angustipetalum L.Bolus (6)
A. jacobsenianum Schwantes (6)
A. nortieri L.Bolus (6)
A. peersii L.Bolus (6)
A. rooipanense L.Bolus in part (6)
Perennial. Succulent. Ht ± 0.04 m. Alt 120–400 m. WC

crateriforme (L.Bolus) N.E.Br.
A. pulvinare L.Bolus (6)
A. subrotundum L.Bolus (6)
Perennial. Succulent. Ht ± 0.03 m. Alt 120–400 m. WC

cuneatipetalum L.Bolus in part = **A. delaetii**

cuneatipetalum L.Bolus in part = **A. pearsonii**

delaetii C.A.Maass
A. aureum L.Bolus (6)
A. australe L.Bolus (6)
A. blandum L.Bolus (6)
A. boreale L.Bolus (6)
A. brevitubum L.Bolus (6)
A. carinatum L.Bolus in part (6)
A. citrinum L.Bolus (6)
A. concinnum Schwantes (6)
A. cuneatipetalum L.Bolus in part (6)
A. delaetii C.A.Maass var. *purpureum* C.A.Maass (3)
A. densipetalum L.Bolus (6)
A. formosum L.Bolus (6)
A. gregarium L.Bolus (6)
A. latifolium L.Bolus (6)
A. lesliei R.Br. (6)
A. leucanthum L.Bolus (6)
A. longipes L.Bolus (6)
A. planum L.Bolus (6)
A. productum L.Bolus (6)
A. reniforme L.Bolus (6)
A. rooipanense L.Bolus in part (6)
A. roseum Schwantes var. *delaetii* G.D.Rowley (6)
A. roseum Schwantes var. *roseum* (6)
A. schuldtii Schwantes (6)
A. speciosum L.Bolus (6)
A. splendens L.Bolus (6)
Perennial. Succulent. Ht ± 0.02 m. Alt 120–400 m. WC

delaetii C.A.Maass var. *purpureum* C.A.Maass = **A. delaetii**

densipetalum L.Bolus = **A. delaetii**

digitifolium (N.E.Br.) Schwantes ex L.Bolus = **A. fissum**

duale (N.E.Br.) N.E.Br. = **Antimima dualis**

fissum (Haw.) L.Bolus
A. braunsii (Schwantes) Schwantes (6)
A. brevipes (Schltr.) L.Bolus (6)
A. digitifolium (N.E.Br.) Schwantes ex L.Bolus (6)
A. hutchinsonii L.Bolus (6)
A. latipetalum L.Bolus var. *latipetalum* (6)
A. latipetalum L.Bolus var. *longitubum* L.Bolus (6)
A. litorale L.Bolus (6)
A. orientale L.Bolus (6)
Mesembryanthemum socium N.E.Br. (6)
Roodia digitifolia N.E.Br. (5)
Ruschia socia (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 120–400 m. WC

formosum L.Bolus = **A. delaetii**

framesii in sense of L.Bolus (1929), not of L.Bolus (1934) = **A. pearsonii**

framesii L.Bolus subsp. **framesii**
A. framesii L.Bolus var. *minus* L.Bolus (6)
Perennial. Succulent. Ht ± 0.03 m. Alt 120–400 m. WC

framesii L.Bolus subsp. **hallii** (L.Bolus) H.E.K.Hartmann
Perennial. Succulent. Ht ± 0.04 m. Alt 120–400 m. WC

framesii L.Bolus var. *minus* L.Bolus = **A. framesii** subsp. **framesii**

gregarium L.Bolus = **A. delaetii**

hutchinsonii L.Bolus = **A. fissum**

jacobsenianum Schwantes = **A. congregatum**

latifolium L.Bolus = **A. delaetii**

latipetalum L.Bolus var. *latipetalum* = **A. fissum**

latipetalum L.Bolus var. *longitubum* L.Bolus = **A. fissum**

lesliei R.Br. = **A. delaetii**

leucanthum L.Bolus = **A. delaetii**

litorale L.Bolus = **A. fissum**

longipes L.Bolus = **A. delaetii**

luckoffii L.Bolus = **A. pearsonii**

nortieri L.Bolus = **A. congregatum**

orientale L.Bolus = **A. fissum**

ovale L.Bolus = **A. pearsonii**

patens L.Bolus
Perennial. Succulent. Ht ± 0.05 m. Alt 120–250 m. WC

pearsonii (N.E.Br.) Schwantes
A. amoenum Schwantes (5)
A. cuneatipetalum L.Bolus in part (6)
A. framesii in sense of L.Bolus (1929), not of L.Bolus (1934) (6)
A. luckoffii L.Bolus (6)
A. ovale L.Bolus (6)
A. schlechteri Schwantes (6)
Perennial. Succulent. Ht ± 0.05 m. Alt 120–400 m. WC

peersii L.Bolus = **A. congregatum**

planum L.Bolus = **A. delaetii**

productum L.Bolus = **A. delaetii**

pulvinare L.Bolus = **A. crateriforme**

reniforme L.Bolus = **A. delaetii**

ringens L.Bolus
Perennial. Succulent. Ht ± 0.07 m. Alt 120–400 m. WC

rooipanense L.Bolus in part = **A. congregatum**

rooipanense L.Bolus in part = **A. delaetii**

roseum Schwantes forma *delaetii* G.D.Rowley = **A. delaetii**

roseum Schwantes forma *roseum* = **A. delaetii**

schlechteri Schwantes = **A. pearsonii**

schuldtii Schwantes = **A. delaetii**

speciosum L.Bolus = **A. delaetii**

splendens L.Bolus = **A. delaetii**

subalbum (N.E.Br.) N.E.Br.
A. villetii L.Bolus (5)
Perennial. Succulent. Ht ± 0.08 m. Alt 120–400 m. WC

subrotundum L.Bolus = **A. crateriforme**

testiculare (Aiton) N.E.Br.
A. carinatum L.Bolus in part (6)
Perennial. Succulent. Ht ± 0.05 m. Alt 120–400 m. WC

theartii Van Jaarsv.
Perennial. Succulent. Ht ± 0.04 m. Alt 450–590 m. WC

villetii L.Bolus = **A. subalbum**

ARIDARIA N.E.Br. 2405012

(1) Bolus. 1927. *The Flowering Plants of South Africa* 7: t. 258.
(2) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 41–58.
(3) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(4) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 75–80.

abbreviata L.Bolus = **Phyllobolus abbreviatus**

acuminata (Haw.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

albertensis L.Bolus = **Phyllobolus pumilus**

albicaulis (Haw.) N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

anguinea L.Bolus = **Phyllobolus oculatus**

arcuata L.Bolus = **A. noctiflora** subsp. **noctiflora**

arenicola L.Bolus = **Phyllobolus oculatus**

aurea (Thunb.) L.Bolus = **Phyllobolus nitidus**

ausana (Dinter & A.Berger) Dinter & Schwantes = **Prenia tetragona**

barkerae L.Bolus = **A. noctiflora** subsp. **defoliata**

beaufortensis L.Bolus = **A. noctiflora** subsp. **straminea**

bijliae N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

blanda L.Bolus = **Phyllobolus splendens** subsp. **splendens**

brevicarpa L.Bolus
A. intricata L.Bolus (2)
A. klaverensis L.Bolus (2)
A. meyeri L.Bolus (2)
Nycteranthus brevicarpus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus intricatus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus meyeri (L.Bolus) Schwantes, illegitimate name (2)
Perennial. Succulent. Ht ± 1 m. Alt ± 1200 m. NC, WC

brevifolia L.Bolus = **Phyllobolus splendens** subsp. **splendens**

brevisepala L.Bolus = **Phyllobolus spinuliferus**

calycina L.Bolus = **A. noctiflora** subsp. **noctiflora**

canaliculata (Haw.) Friedrich = **Phyllobolus canaliculatus**

caudata (L.Bolus) L.Bolus = **Phyllobolus caudatus**

celans L.Bolus = **Phyllobolus splendens** subsp. **splendens**

compacta L.Bolus = **A. serotina**

congesta L.Bolus = **Phyllobolus congestus**

constricta L.Bolus = **Phyllobolus splendens** subsp. **splendens**

debilis L.Bolus = **A. noctiflora** subsp. **noctiflora**

decidua L.Bolus = **Phyllobolus deciduus**

decurvata L.Bolus = **Phyllobolus decurvatus**

defoliata (Haw.) Schwantes = **A. noctiflora** subsp. **defoliata**

dejagerae L.Bolus = **A. noctiflora** subsp. **straminea**

dela (L.Bolus) L.Bolus = **Phyllobolus delus**

dinteri L.Bolus, illegitimate name = **Phyllobolus melanospermus**

dyeri L.Bolus = **Phyllobolus splendens** subsp. **splendens**

ebracteata N.E.Br. = **Phyllobolus trichotomus**

ebracteata N.E.Br. var. *brevipetala* L.Bolus = **Phyllobolus trichotomus**

elongata L.Bolus = **Phyllobolus prasinus**

englishiae (L.Bolus) N.E.Br. = **Prenia englishiae**

esterhuyseniae L.Bolus = **A. noctiflora** subsp. **straminea**

fastigiata (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

flexuosa (Haw.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

floribunda L.Bolus = **A. noctiflora** subsp. **noctiflora**

fourcadei L.Bolus = **Phyllobolus splendens** subsp. **splendens**

fragilis (N.E.Br.) Friedrich = **Phyllobolus oculatus**

framesii L.Bolus = **Phyllobolus spinuliferus**

fulva (Haw.) Schwantes = **A. noctiflora** subsp. **straminea**

gibbosa L.Bolus, illegitimate name = **Phyllobolus spinuliferus**

glandulifera L.Bolus = **Phyllobolus sinuosus**

globosa L.Bolus = **A. serotina**

godmaniae L.Bolus = **Phyllobolus sinuosus**

gracilis L.Bolus = **A. serotina**

gratiae L.Bolus = **Phyllobolus grossus**

grossa (Aiton) Friedrich = **Phyllobolus grossus**

herbertii (N.E.Br.) Friedrich = **Phyllobolus herbertii**

horizontalis (Haw.) Schwantes = **A. noctiflora** subsp. **defoliata**

inaequalis L.Bolus = **Phyllobolus nitidus**

intricata L.Bolus = **A. brevicarpa**

klaverensis L.Bolus = **A. brevicarpa**

latipetala L.Bolus = **Phyllobolus latipetalus**

laxa L.Bolus = **Phyllobolus decurvatus**

laxipetala L.Bolus = **Phyllobolus grossus**

leipoldtii L.Bolus = **A. noctiflora** subsp. **noctiflora**

leptopetala L.Bolus = **Phyllobolus splendens** subsp. **splendens**

lignea L.Bolus = **Phyllobolus melanospermus**

littlewoodii L.Bolus = **A. noctiflora** subsp. **straminea**

longisepala L.Bolus = **A. noctiflora** subsp. **defoliata**

longispinula (Haw.) L.Bolus = **Phyllobolus grossus**

longituba L.Bolus = **Phyllobolus tenuiflorus**

luteoalba L.Bolus = **Prenia tetragona**

macrosiphon L.Bolus = **Phyllobolus tenuiflorus**

meridiana L.Bolus = **A. noctiflora** subsp. **defoliata**

meyeri L.Bolus = **A. brevicarpa**

muirii N.E.Br. = **A. noctiflora** subsp. **defoliata**

multiseriata L.Bolus = **Phyllobolus prasinus**

mutans L.Bolus = **Prenia tetragona**

nevillei L.Bolus = **A. noctiflora** subsp. **noctiflora**

nitida (Haw.) N.E.Br. = **Phyllobolus nitidus**

nocta (N.E.Br.) N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

noctiflora (L.) Schwantes subsp. **defoliata** (Haw.) Gerbaulet

A. barkerae L.Bolus (2)
A. defoliata (Haw.) Schwantes (2)
A. horizontalis (Haw.) Schwantes (2)
A. longisepala L.Bolus (2)
A. meridiana L.Bolus (2)
A. muirii N.E.Br. (2)
Mesembryanthemum defoliatum Haw. (2)
Mesembryanthemum horizontale Haw. (2)
Nycteranthus defoliatus (Haw.) Schwantes, illegitimate name (2)
Nycteranthus horizontalis (Haw.) Schwantes, illegitimate name (2)
Nycteranthus longisepalus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus meridianus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus muirii (L.Bolus) Schwantes, illegitimate name (2)
Peratetracoilanthus defoliatus (Haw.) Rappa & Camarrone, invalid name (2)
Sphalmanthus defoliatus (Haw.) L.Bolus (4)
Perennial. Succulent. Ht ± 1 m. Alt 500–1000 m. NC, WC, EC

noctiflora (L.) Schwantes subsp. **noctiflora**
A. arcuata L.Bolus (2)
A. calycina L.Bolus (2)
A. debilis L.Bolus (2)
A. floribunda L.Bolus (2)
A. leipoldtii L.Bolus (2)
A. nevillei L.Bolus (2)
A. pillansii L.Bolus (2)
Mesembryanthemum lindequistii Engl. (2)
Mesembryanthemum noctiflorum L. var. *elatum* Haw. (2)
Mesembryanthemum noctiflorum L. var. *noctiflorum* (2)
Mesembryanthemum noctiflorum L. var. *phoeniceum* Haw., illegitimate name (2)
Nycteranthus arcuatus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus calycinus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus debilis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus floribundus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus noctiflorus (L.) Rothm., illegitimate name (2)
Peratetracoilanthus noctiflorus (L.) Rappa & Camarrone, invalid name (2)
Phyllobolus noctiflorus (L.) Bittrich (2)
Psilocaulon lindequistii (Engl.) Schwantes (2)
Perennial. Succulent. Ht ± 1 m. Alt 120–900 m. N, NC, WC

noctiflora (L.) Schwantes subsp. **straminea** (Haw.) Gerbaulet
A. beaufortensis L.Bolus (2)
A. dejagerae L.Bolus (2)
A. esterhuyseniae L.Bolus (2)
A. fulva (Haw.) Schwantes (2)
A. littlewoodii L.Bolus (2)
A. noctiflora (L.) Schwantes var. *fulva* (Haw.) A.G.J.Herre & Friedrich (4)
A. straminea (Haw.) Schwantes (2)
A. subtruncata L.Bolus (2)
Mesembryanthemum fulvum Haw. (2)
Mesembryanthemum noctiflorum L. var. *fulvum* (Haw.) Salm-Dyck (2)
Mesembryanthemum noctiflorum L. var. *stramineum* (Haw.) Haw. (2)
Mesembryanthemum stramineum Haw. (2)
Nycteranthus dejagerae (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus esterhuyseniae (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus fulvus (Haw.) Schwantes, illegitimate name (2)
Nycteranthus stramineus (Haw.) Schwantes, illegitimate name (2)
Nycteranthus subtruncatus (L.Bolus) Schwantes, illegitimate name (2)
Perennial. Succulent. Ht ± 1 m. Alt 800–1800 m. N, NC, WC, EC

noctiflora (L.) Schwantes var. *fulva* (Haw.) A.G.J.Herre & Friedrich = **A. noctiflora** subsp. **straminea**

obtusa L.Bolus = **Phyllobolus decurvatus**

oculata (N.E.Br.) L.Bolus = **Phyllobolus oculatus**

odorata (L.Bolus) Schwantes ex H.Jacobsen = **Hereroa odorata**

oubergensis L.Bolus = **Phyllobolus pumilus**

ovalis L.Bolus = **A. serotina**

parvisepala L.Bolus = **Phyllobolus spinuliferus**

paucandra L.Bolus var. *gracillima* L.Bolus = **A. serotina**

paucandra L.Bolus var. *paucandra* = **A. serotina**

peersii L.Bolus = **Phyllobolus tenuiflorus**

pentagona L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**

pentagona L.Bolus var. *occidentalis* L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**

pillansii L.Bolus = **A. noctiflora** subsp. **noctiflora**

platysepala L.Bolus = **Phyllobolus grossus**

plenifolia (N.E.Br.) Stearn = **Phyllobolus splendens** subsp. **splendens**

pomonae L.Bolus = **Phyllobolus oculatus**

prasina L.Bolus = **Phyllobolus prasinus**

primulina L.Bolus = **Phyllobolus splendens** subsp. **splendens**

pumila L.Bolus = **Phyllobolus pumilus**

quartzitica L.Bolus = **Phyllobolus quartziticus**

quaterna L.Bolus = **Phyllobolus spinuliferus**

rabiei L.Bolus = **Phyllobolus rabiei**

rabiesbergensis L.Bolus = **Phyllobolus splendens** subsp. **splendens**

radicans L.Bolus = **Prenia radicans**

rangei (N.E.Br.) Friedrich = **Phyllobolus oculatus**

recurva L.Bolus = **Phyllobolus sinuosus**

reflexa (Haw.) N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

resurgens (Kensit) L.Bolus = **Phyllobolus resurgens**

rhodandra L.Bolus = **Phyllobolus nitidus**

rosea L.Bolus = **Phyllobolus splendens** subsp. **splendens**

saturata L.Bolus = **Phyllobolus saturatus**

scintillans (Dinter) Friedrich = **Phyllobolus oculatus**

serotina L.Bolus
A. compacta L.Bolus (2)
A. globosa L.Bolus (2)
A. gracilis L.Bolus (2)
A. ovalis L.Bolus (2)
A. paucandra L.Bolus var. *gracillima* L.Bolus (2)
A. paucandra L.Bolus var. *paucandra* (2)
A. tenuifolia L.Bolus var. *speciosa* (L.Bolus) L.Bolus (4)
A. tenuifolia L.Bolus var. *tenuifolia* (2)
Nycteranthus compactus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus globosus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus gracilis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus ovalis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus paucandrus L.Bolus var. *gracillima* (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus paucandrus (L.Bolus) Schwantes var. *paucandrus*, illegitimate name (2)
Nycteranthus serotinus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus tenuifolius (L.Bolus) Schwantes var. *speciosa* L.Bolus, illegitimate name (2)
Nycteranthus tenuifolius (L.Bolus) Schwantes var. *tenuifolius*, illegitimate name (2)
Perennial. Succulent. Ht ± 0.3 m. Alt 100–1200 m. N, NC, WC

spinulifera (Haw.) N.E.Br. = **Phyllobolus spinuliferus**

splendens (L.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

straminea (Haw.) Schwantes = **A. noctiflora** subsp. **straminea**

straminea L.Bolus = **Phyllobolus sinuosus**

straminicolor L.Bolus = **Phyllobolus sinuosus**

striata L.Bolus = **Phyllobolus splendens** subsp. **splendens**

stricta L.Bolus = **Phyllobolus spinuliferus**

subaequans L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**

subpatens L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**

subpetiolata L.Bolus = **Phyllobolus grossus**

subtruncata L.Bolus = **A. noctiflora** subsp. **straminea**

suffusa L.Bolus = **Prenia tetragona**

sulcata (Haw.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

tenuifolia L.Bolus var. *speciosa* (L.Bolus) L.Bolus = **A. serotina**

tenuifolia L.Bolus var. *tenuifolia* = **A. serotina**

tetragona (Thunb.) L.Bolus = **Prenia tetragona**

tetramera L.Bolus var. *parviflora* L.Bolus = **Phyllobolus trichotomus**

tetramera L.Bolus var. *tetramera* = **Phyllobolus trichotomus**

trichosantha (A.Berger) N.E.Br. = **Phyllobolus viridiflorus**

trichotoma (Thunb.) L.Bolus = **Phyllobolus trichotomus**

umbelliflora (Jacq.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

varians L.Bolus = **Phyllobolus oculatus**

vernalis L.Bolus = **Phyllobolus splendens** subsp. **splendens**

vespertina L.Bolus
Nycteranthus vespertinus (L.Bolus) Schwantes, illegitimate name (2)
Perennial. Succulent. Ht ± 0.3 m. Alt 20–300 m. NC

viridiflora (Aiton) L.Bolus = **Phyllobolus viridiflorus**

watermeyeri L.Bolus = **Phyllobolus spinuliferus**

willowmorensis L.Bolus = **Phyllobolus grossus**

ASPAZOMA N.E.Br. 2405013

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 80, 81.

amplectens (L.Bolus) N.E.Br.
Perennial. Succulent. Ht ± 0.4 m. Alt 50–1200 m. NC

ASTRIDIA Dinter 2405014

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 397.
(2) Glen. 1984. *The Flowering Plants of Africa* 48: t. 1894.
(3) Glen. 1985. *The Flowering Plants of Africa* 48: t. 1917.
(4) Glen. 1986. *Bothalia* 16: 206–212.
(5) Glen. 1988. *The Flowering Plants of Africa* 50: t. 1970.
(6) Hartmann. 1999. *Bradleya* 17: 38–74.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 81–84.

alba (L.Bolus) L.Bolus
A. rubra (L.Bolus) L.Bolus var. *alba* (7)
Perennial. Succulent. Ht up to 0.5 m. Alt 300–1100 m. N, NC

blanda L.Bolus var. *angusta* L.Bolus ex H.Jacobsen, invalid name = **A. velutina**

blanda L.Bolus var. *blanda* = **A. velutina**

blanda L.Bolus var. *latipetala* L.Bolus ex H.Jacobsen, invalid name = **A. velutina**

citrina (L.Bolus) L.Bolus
A. rubra (L.Bolus) L.Bolus var. *citrina* L.Bolus (7)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 300–1100 m. N

dinteri (L.Bolus) L.Bolus var. *lutata* L.Bolus ex H.Jacobsen, invalid name = **A. lutata**

dulcis L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 200–900 m. NC

hallii L.Bolus
A. ruschii L.Bolus (4)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 300–1100 m. N

herrei L.Bolus
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 200–1300 m. NC

hillii L.Bolus
Perennial. Succulent. Ht ± 0.3 m. Alt 300–1000 m. NC

latisepala L.Bolus = **A. longifolia**

longifolia (L.Bolus) L.Bolus
A. latisepala L.Bolus (4)
A. vanbredai L.Bolus (4)
Mesembryanthemum longifolium L.Bolus (4)
Ruschia jacobseniana L.Bolus (6)
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt up to 1300 m. N, NC

lutata (L.Bolus) Friedrich ex H.E.K.Hartmann
A. dinteri (L.Bolus) L.Bolus var. *lutata* L.Bolus ex H.Jacobsen, invalid name (7)
A. velutina Dinter var. *lutata* L.Bolus (7)
Perennial. Succulent. Ht up to 0.5 m. Alt 100–900 m. N, NC

maxima (Haw.) Schwantes = **Ruschia maxima**

rubra (L.Bolus) L.Bolus
Lampranthus ruber (L.Bolus) L.Bolus (7)
Mesembryanthemum rubrum L.Bolus (7)
Ruschia rubra (L.Bolus) L.Bolus (7)
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt ± 300 m. NC

rubra (L.Bolus) L.Bolus var. *alba* L.Bolus = **A. alba**

rubra (L.Bolus) L.Bolus var. *citrina* L.Bolus = **A. citrina**

ruschii L.Bolus = **A. hallii**

speciosa L.Bolus
A. swartpoortensis L.Bolus (7)
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 300–1000 m. N, NC

swartpoortensis L.Bolus = **A. speciosa**

vanbredai L.Bolus = **A. longifolia**

vanheerdei L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt 300–1000 m. NC

velutina Dinter
A. blanda L.Bolus var. *angusta* L.Bolus ex H.Jacobsen, invalid name (4)
A. blanda L.Bolus var. *blanda* (4)
A. blanda L.Bolus var. *latipetala* L.Bolus ex H.Jacobsen, invalid name (4)
Mesembryanthemum velutinum Dinter (7)
Perennial. Dwarf shrub, succulent. Ht up to 0.5 m. Alt 300–1100 m. N

velutina Dinter var. *lutata* L.Bolus = **A. lutata**

BERGERANTHUS Schwantes 2405015

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 84–86.

addoensis L.Bolus = **B. multiceps**

artus L.Bolus = **B. multiceps**

concavus L.Bolus
B. katbergensis L.Bolus (1)
B. leightoniae L.Bolus (1)
Perennial. Succulent. Ht 0.03–0.04 m, ± 0.1 m when in flower. Alt ± 20–1760 m. EC

firmus L.Bolus = **B. multiceps**

glenensis N.E.Br. = **Hereroa glenensis**

jamesii L.Bolus = **B. vespertinus**

katbergensis L.Bolus = **B. concavus**

leightoniae L.Bolus = **B. concavus**

longisepalus L.Bolus
Perennial. Succulent. Ht ± 0.1 m. Alt up to 400 m. EC

multiceps (Salm-Dyck) Schwantes
B. addoensis L.Bolus (1)
B. artus L.Bolus (1)
B. firmus L.Bolus (1)
Perennial. Succulent. Ht 0.04–0.12 m. Alt 10–1520 m. EC

rhomboideus (Salm-Dyck) Schwantes = **Rhombophyllum rhomboideum**

scapiger (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.045–0.1 m, ± 0.2 m when in flower. Alt 15–853 m. EC

vespertinus (A.Berger) Schwantes
B. jamesii L.Bolus (1)
Perennial. Succulent. Ht 0.02–0.054 m. Alt 50–1798 m. EC

BERRISFORDIA L.Bolus 2405016

khamiesbergensis L.Bolus = **Conophytum khamiesbergense**

BIJLIA N.E.Br. 2405017

(1) Hartmann. 1992. *Cactus and Succulent Journal (US)* 64: 179.
(2) Hammer. 1995. *Cactus and Succulent Journal (US)* 67: 219.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 87, 88.

cana in sense of N.E.Br., misapplied name = **B. dilatata**

dilatata H.E.K.Hartmann
B. cana in sense of N.E.Br., misapplied name (1)
Hereroa cana in sense of L.Bolus, misapplied name (1)
Hereroa tugwelliae in sense of L.Bolus (1927, 1928), not of L.Bolus (1930), misapplied name (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC

tugwelliae (L.Bolus) S.A.Hammer
Hereroa tugwelliae (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.08 m. Alt 700–1300 m. WC

BRAUNSIA Schwantes 2405018

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 266.
(2) Klak. 2000. *Bothalia* 30: 35–42.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 88–90.

apiculata (Kensit) L.Bolus
Echinus apiculatus (Kensit) L.Bolus (3)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 500–1750 m. NC, WC

bina (N.E.Br.) Schwantes
Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 20–1000 m. WC

edentula (Haw.) N.E.Br. = **Ruschia edentula**

geminata (Haw.) L.Bolus
Ruschia polita L.Bolus (2)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 250–1000 m. WC

maximiliani (Schltr. & A.Berger) Schwantes
Perennial. Succulent. Ht ± 0.05 m. Alt 250–1100 m. NC, WC

nelii Schwantes, naked name (insufficiently known) (2)

stayneri (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht ± 0.08 m. Alt 300–700 m. WC

vanrensburgii (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht ± 0.08 m. Alt 20–150 m. WC

BRIANHUNTLEYA Chesselet, S.A.Hammer & I.Oliver 2405217

(1) Chesselet *et al.* 2003. *Bothalia* 33: 160–164.

intrusa (Kensit) Chesselet, S.A.Hammer & I.Oliver
Mesembryanthemum intrusum Kensit (1)
Ruschia intrusa (Kensit) L.Bolus (1)
Perennial. Dwarf shrub, succulent. Ht 0.07–0.1 m. Alt 200–250 m. WC

BROWNANTHUS Schwantes 2405135

(1) Pierce & Gerbaulet. 1997. *Aloe* 34: 42–44.
(2) Klak. 2000. *Bothalia* 30: 35–42.
(3) Gerbaulet & Pierce. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 91–95.

arenosus (Schinz) Ihlenf. & Bittrich
B. schlichtianus (Sond.) Ihlenf. & Bittrich (3)
Mesembryanthemum arenosum Schinz (3)
Mesembryanthemum schlichtianum Sond. (3)
Psilocaulon arenosum (Schinz) L.Bolus (3)
Psilocaulon schlichtianum (Sond.) Schwantes (3)
Perennial. Succulent. Ht up to 0.5 m. Alt 100–1100 m. N, NC

ciliatus (Aiton) Schwantes subsp. **ciliatus**
Mesembryanthemum ciliatum Aiton (3)
Psilocaulon ciliatum (Aiton) Friedrich (3)
Trichocyclus ciliatus N.E.Br. (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 500–1100 m. NC, WC

ciliatus (Aiton) Schwantes subsp. **schenckii** (Schinz) Ihlenf. & Bittrich
Mesembryanthemum schenckii Schinz (3)
Perennial. Succulent. Ht up to 0.3 m. Alt 100–1800 m. N, NC

corallinus (Thunb.) Ihlenf. & Bittrich
Mesembryanthemum corallinum Thunb. (3)
Psilocaulon corallinum (Thunb.) Schwantes (3)
Psilocaulon peersii L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.5 m. Alt 200–1100 m. NC, WC

fraternus Klak
Perennial. Succulent. Ht 0.15–0.4 m. Alt up to 350 m. WC

glareicola Klak
Perennial. Succulent. Ht up to 0.17 m. Alt 140–350 WC

kuntzei (Schinz) Ihlenf. & Bittrich
Mesembryanthemum kuntzei Schinz (3)
Psilocaulon kuntzei (Schinz) Dinter & Schwantes (3)
Perennial. Succulent. Ht up to 1 m. Alt 20–250 m. N

marlothii (Pax) Schwantes
Mesembryanthemum marlothii Pax (3)
Psilocaulon marlothii (Pax) Friedrich (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 100–800 m. N, NC

namibensis (Marloth) Bullock
Mesembryanthemum namibense Marloth (3)
Psilocaulon namibense (Marloth) Friedrich (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 20–200 m. N

neglectus S.M.Pierce & Gerbaulet
Perennial. Dwarf shrub, succulent. Ht up to 0.4 m. Alt up to 800 m. N, NC

nucifer (Ihlenf. & Bittrich) S.M.Pierce & Gerbaulet
Pseudobrownanthus nucifer Ihlenf. & Bittrich (1)
Perennial. Succulent. Ht up to 0.4 m. Alt up to 350 m. N, NC

pseudoschlichtianus S.M.Pierce & Gerbaulet
Perennial. Succulent. Ht up to 0.7 m. Alt up to 900 m. N, NC

pubescens (N.E.Br. ex C.A.Maass) Bullock
Psilocaulon pillansii (L.Bolus) Friedrich (3)
Trichocyclus pubescens N.E.Br. ex C.A.Maass (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 50–1000 m. N, NC

schlichtianus (Sond.) Ihlenf. & Bittrich = **B. arenosus**

CALAMOPHYLLUM Schwantes 2405019

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 95, 96.

cylindricum (Haw.) Schwantes
Mesembryanthemum cylindricum Haw. (1)
Perennial. Succulent. Ht up to 0.13 m. Alt? 'SA'

teretifolium (Haw.) Schwantes
Mesembryanthemum cylindricum Haw. var. *teretifolium* Haw. (1)
Mesembryanthemum teretifolium Haw. (1)
Perennial. Succulent. Ht up to 0.25 m. Alt? 'SA'

teretiusculum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.08 m. Alt? 'SA'

CARPANTHEA N.E.Br. 2405020

(1) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1264.
(2) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 96.

pilosa (Haw.) L.Bolus = **C. pomeridiana**

pomeridiana (L.) N.E.Br.
C. pilosa (Haw.) L.Bolus (2)
Annual. Succulent. Ht up to 0.3 m. Alt 50–900 m. NC, WC

CARPOBROTUS N.E.Br. 2405021

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 247.
(2) Bolus. 1927. *The Flowering Plants of South Africa* 7: t. 258.
(3) Wisura & Glen. 1993. *Contributions from the Bolus Herbarium* 15: 76–107.

(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 97–101.

acinaciformis (L.) L.Bolus
Abryanthemum acinaciforme (L.) Rothm., illegitimate name (4)
C. concavus L.Bolus (3)
C. laevigatus (Haw.) N.E.Br. (3)
C. laevigatus (Haw.) Schwantes (3)
C. rubrocinctus (Haw.) N.E.Br. (3)
C. subulatus (Haw.) N.E.Br. (3)
C. vanzijliae L.Bolus (3)
Mesembryanthemum acinaciforme Gouan (3)
Mesembryanthemum acinaciforme L. (3)
Mesembryanthemum acinaciforme L. var. *purpureum* L. (3)
Mesembryanthemum laevigatum Haw. (3)
Mesembryanthemum rubrocinctum Haw. (3)
Mesembryanthemum subalatum Haw. (3)
Perennial. Succulent. Ht 0.05–0.2 m. Alt 20–400 m. WC

concavus L.Bolus = **C. acinaciformis**

deliciosus (L.Bolus) L.Bolus
C. dulcis L.Bolus (3)
C. fourcadei L.Bolus var. *alba* L.Bolus (3)
C. fourcadei L.Bolus var. *fourcadei* (3)
Mesembryanthemum deliciosum L.Bolus (3)
Perennial. Succulent. Ht ± 0.25 m. Alt 20–800 m. WC, EC

dimidiatus (Haw.) L.Bolus
C. juritzii (L.Bolus) L.Bolus (3)
Mesembryanthemum dimidiatum Haw. (3)
Mesembryanthemum juritzii L.Bolus (3)
Perennial. Succulent. Ht ± 0.2 m. Alt 20–200 m. KZN, EC

dulcis L.Bolus = **C. deliciosus**

edulis (L.) L.Bolus subsp. **edulis**
Abryanthemum edule (L.) Rothm. (4)
Mesembryanthemum acinaciforme L. var. *β flavum* L. (4)
Mesembryanthemum edule L. (3)
Perennial. Succulent. Ht ± 0.15 m. Alt up to 1100 m. NC, WC, EC

edulis (L.) L.Bolus subsp. **parviflorus** Wisura & Glen
Perennial. Succulent. Ht ± 0.15 m. Alt up to 800 m. WC

fourcadei L.Bolus var. *alba* L.Bolus = **C. deliciosus**

fourcadei L.Bolus var. *fourcadei* = **C. deliciosus**

juritzii (L.Bolus) L.Bolus = **C. dimidiatus**

laevigatus (Haw.) N.E.Br. = **C. acinaciformis**

laevigatus (Haw.) Schwantes = **C. acinaciformis**

mellei (L.Bolus) L.Bolus
C. pageae L.Bolus (3)
C. pillansii L.Bolus (3)
Mesembryanthemum mellei L.Bolus (3)
Perennial. Succulent. Ht ± 0.2 m. Alt 200–900 m. WC

muirii (L.Bolus) L.Bolus
Mesembryanthemum muirii L.Bolus (3)
Perennial. Succulent. Ht ± 0.12 m. Alt 50–400 m. WC

pageae L.Bolus = **C. mellei**

pillansii L.Bolus = **C. mellei**

quadrifidus L.Bolus
C. quadrifidus L.Bolus forma *rosea* (L.Bolus) G.D.Rowley, semi-naked name (3)
C. quadrifidus L.Bolus var. *rosea* L.Bolus (3)
C. sauerae Schwantes (3)
Perennial. Succulent. Ht ± 0.25 m. Alt up to 1200 m. NC, WC

quadrifidus L.Bolus forma *rosea* (L.Bolus) G.D.Rowley, semi-naked name = **C. quadrifidus**

quadrifidus L.Bolus var. *rosea* L.Bolus = **C. quadrifidus**

rubrocinctus (Haw.) N.E.Br. = **C. acinaciformis**

sauerae Schwantes = **C. quadrifidus**

subulatus (Haw.) N.E.Br. = **C. acinaciformis**

vanzijliae L.Bolus = **C. acinaciformis**

CARRUANTHUS (Schwantes) Schwantes 2405022

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 101, 102.

peersii L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1200 m. EC

ringens (L.) Boom
Perennial. Succulent. Ht ± 0.15 m. Alt 400–1200 m. WC

CARYOTOPHORA Leistner 2405023

(1) Leistner. 1958. *Notes on* Mesembryanthemum *and allied genera* 3: 289–291.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 102.

skiatophytoides Leistner
Perennial. Succulent. Ht ± 0.25 m. Alt up to 100 m. WC

CAULIPSOLON Klak 2405200

(1) Klak & Linder. 1998. *Botanische Jahrbücher* 120: 301–375.
(2) Klak & Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 103.

rapaceum (Jacq.) Klak
Psilocaulon longipes L.Bolus (1)
Psilocaulon rapaceum (Jacq.) Schwantes (1)
Perennial, occ. annual. Succulent. Ht ± 0.1 m. Alt 200–350 m. NC, WC

CEPHALOPHYLLUM N.E.Br. 2405024

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 257.
(2) Bolus. 1962. *The Flowering Plants of Africa* 35: tt. 1396–1398.
(3) Hartmann. 1981. *Cactus and Succulent Journal of Great Britain* 43: 96–100.
(4) Hartmann. 1982. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 18: 85–101.
(5) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
(6) Hartmann. 1983. *Bothalia* 14: 653–659.
(7) Hartmann. 1984. *Botanische Jahrbücher* 104: 321–360.
(8) Hartmann. 1984. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 19: 141–163.
(9) Hartmann. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 93–187.
(10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 103–113.

acutum (Haw.) L.Bolus = **C. subulatoides**

albertiniense (L.Bolus) Schwantes = **Jordaaniella dubia**

alstonii Marloth ex L.Bolus
C. franciscii L.Bolus (9)
Perennial. Succulent. Ht up to 0.15 m. Alt up to 600 m. NC, WC

anemoniflorum (L.Bolus) N.E.Br. = **Jordaaniella dubia**

apiculatum L.Bolus = **C. loreum**

artum L.Bolus = **C. curtophyllum**

aurantiacum L.Bolus = **C. purpureo-album**

aureorubrum L.Bolus = **C. rigidum**

ausense L.Bolus = **C. ebracteatum**

baylissii L.Bolus = **C. diversiphyllum**

bredasdorpense L.Bolus = **C. diversiphyllum**

brevifolium L.Bolus = **C. pulchellum**

caespitosum H.E.K.Hartmann
Cheiridopsis cuprea (L.Bolus) N.E.Br. (9)
Mesembryanthemum cupreum L.Bolus (9)
Perennial. Succulent. Ht ± 0.06 m. Alt 200–350 m. WC

caledonicum L.Bolus = **C. diversiphyllum**

calvinianum L.Bolus = **Leipoldtia rosea**

cauliculatum (Haw.) N.E.Br. = **C. diversiphyllum**

cedrimontanum L.Bolus = **C. loreum**

ceresianum L.Bolus = **C. corniculatum**

clavifolium (L.Bolus) L.Bolus = **Jordaaniella clavifolia**

compactum L.Bolus = **C. loreum**

compressum L.Bolus
Perennial. Succulent. Ht ± 0.03 m. Alt 50–1000 m. N

comptonii N.E.Br. = **C. tricolorum**

concinnum L.Bolus = **C. curtophyllum**

confusum (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht ± 0.08 m. Alt up to 1000 m. N

conicum L.Bolus ex H.Jacobsen = **C. curtophyllum**

corniculatum (L.) Schwantes
C. ceresianum L.Bolus (10)
Perennial. Succulent. Ht ± 0.08 m. Alt 300–800 m. WC

crassum L.Bolus = **C. tricolorum**

cupreum L.Bolus = **Jordaaniella cuprea**

curtophyllum (L.Bolus) Schwantes
C. artum L.Bolus (8)
C. concinnum L.Bolus (8)
C. conicum L.Bolus ex H.Jacobsen (10)
C. latipetalum L.Bolus (7)
C. platycalyx (L.Bolus) Schwantes (8)
C. rhodandrum L.Bolus (8)
Perennial. Succulent. Ht ± 0.05 m. Alt 300–1200 m. NC, WC

decipiens (Haw.) L.Bolus = **C. loreum**

densum N.E.Br. = **C. framesii**

diminutum (Haw.) L.Bolus = **C. subulatoides**

diversifolium (Haw.) Schwantes = **C. diversiphyllum**

diversiphyllum (Haw.) H.E.K.Hartmann
C. baylissii L.Bolus (9)
C. bredasdorpense L.Bolus (9)
C. caledonicum L.Bolus (9)
C. cauliculatum (Haw.) N.E.Br. (9)
C. diversifolium (Haw.) Schwantes (9)
C. vandermerwei L.Bolus (9)
Perennial. Succulent. Ht ± 0.1 m. Alt up to 800 m. WC

dubium (Haw.) N.E.Br. = **Jordaaniella dubia**

ebracteatum (Schltr. & Diels) Dinter & Schwantes
C. ausense L.Bolus (9)
C. ernii L.Bolus (9)
C. laetulum L.Bolus (9)
C. namaquanum L.Bolus (9)
C. rangei (Engl.) L.Bolus ex H.Jacobsen (9)
Perennial. Succulent. Ht ± 0.04 m. Alt up to 400 m. N, NC

ernii L.Bolus = **C. ebracteatum**

framesii L.Bolus
C. densum N.E.Br. (10)
C. stayneri L.Bolus (9)
Perennial. Succulent. Ht ± 0.08 m. Alt 50–850 m. NC, WC

franciscii L.Bolus = **C. alstonii**

frutescens L.Bolus = **Leipoldtia frutescens**

frutescens L.Bolus var. *decumbens* L.Bolus = **Leipoldtia frutescens**

fulleri L.Bolus
Perennial. Succulent. Ht ± 0.09 m. Alt ± 1000 m. NC

goodii L.Bolus
Perennial. Succulent. Ht ± 0.06 m. Alt up to 450 m. NC

gracile L.Bolus = **C. purpureo-album**

gracile L.Bolus var. *longisepalum* L.Bolus = **C. purpureo-album**

hallii L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 600–900 m. NC

herrei L.Bolus
C. pallens L.Bolus (9)
Perennial. Succulent. Ht ± 0.4 m. Alt up to 1000 m. N, NC

herrei L.Bolus var. *decumbens* L.Bolus, naked name = **C. numeesense**

inaequale L.Bolus
Perennial. Succulent. Ht ± 0.1 m. Alt up to 1200 m. NC

insigne L.Bolus = **C. rigidum**

kliprandense L.Bolus = **C. parvibracteatum**

laetulum L.Bolus = **C. ebracteatum**

latipetalum L.Bolus = **C. curtophyllum**

littlewoodii L.Bolus = **C. purpureo-album**

loreum (L.) Schwantes
C. apiculatum L.Bolus (9)
C. cedrimontanum L.Bolus (9)
C. compactum L.Bolus (9)
C. decipiens (Haw.) L.Bolus (9)
C. primulinum (L.Bolus) Schwantes (9)
Perennial. Succulent. Ht ± 0.12 m. Alt ± 600 m. WC

luxurians Dinter, naked name = **Jordaaniella cuprea**

maritimum (L.Bolus) Schwantes = **Jordaaniella dubia**

middlemostii L.Bolus = **C. purpureo-album**

namaquanum L.Bolus = **C. ebracteatum**

niveum L.Bolus
C. truncatum L.Bolus (9)
Perennial. Succulent. Ht up to 0.12 m. Alt 150–800 m. NC, WC

numeesense H.E.K.Hartmann
C. herrei L.Bolus var. *decumbens* L.Bolus, naked name (9)
Perennial. Succulent. Ht up to 0.1 m. Alt 50–900 m. NC

pallens L.Bolus = **C. herrei**

parvibracteatum (L.Bolus) H.E.K.Hartmann
C. kliprandense L.Bolus (9)
Cheiridopsis parvibracteata L.Bolus (9)
Perennial. Succulent. Ht up to 0.07 m. Alt 600–1200 m. NC, WC

parviflorum L.Bolus
C. parviflorum L.Bolus var. *proliferum* L.Bolus (9)
Perennial. Succulent. Ht ± 0.07 m. Alt 20–300 m. WC

parviflorum L.Bolus var. *proliferum* L.Bolus = **C. parviflorum**

parvulum (Schltr.) H.E.K.Hartmann
Cheiridopsis parvula (Schltr.) N.E.Br. (10)
Mesembryanthemum parvulum Schltr. (10)
Perennial. Succulent. Ht ± 0.04 m. Alt 200–600 m. WC

paucifolium L.Bolus = **C. purpureo-album**

pillansii L.Bolus
C. pillansii L.Bolus var. *grandiflorum* L.Bolus (9)
Perennial. Succulent. Ht ± 0.2 m. Alt 300–1100 m. NC, WC

pillansii L.Bolus var. *grandiflorum* L.Bolus = **C. pillansii**

pittenii L.Bolus = **Jordaaniella dubia**

platycalyx (L.Bolus) Schwantes = **C. curtophyllum**

primulinum (L.Bolus) Schwantes = **C. loreum**

procumbens (Haw.) Schwantes = **Jordaaniella dubia**

pulchellum L.Bolus
C. brevifolium L.Bolus (9)
Perennial. Succulent. Ht ± 0.05 m. Alt 200–350 m. WC

pulchrum L.Bolus
Perennial. Succulent. Ht ± 0.07 m. Alt 200–350 m. WC

punctatum (Haw.) N.E.Br. = **C. subulatoides**

purpureo-album (Haw.) Schwantes
C. aurantiacum L.Bolus (9)
C. gracile L.Bolus (9)
C. gracile L.Bolus var. *longisepalum* L.Bolus (9)
C. littlewoodii L.Bolus (9)
C. middlemostii L.Bolus (9)
C. paucifolium L.Bolus (9)
C. serrulatum L.Bolus (9)
C. worcesterense L.Bolus (9)
Perennial. Succulent. Ht ± 0.15 m. Alt 300–1000 m. WC

rangei (Engl.) L.Bolus ex H.Jacobsen = **C. ebracteatum**

regale L.Bolus
C. vanheerdei L.Bolus (9)
Perennial. Succulent. Ht ± 0.05 m. Alt 20–1200 m. NC

rhodandrum L.Bolus = **C. curtophyllum**

rigidum L.Bolus
C. aureorubrum L.Bolus (9)
C. insigne L.Bolus (9)
Perennial. Succulent. Ht up to 0.06 m. Alt 20–1100 m. NC

roseum (L.Bolus) L.Bolus = **Leipoldtia rosea**

rostellum (L.Bolus) H.E.K.Hartmann
Vanzijlia rostella L.Bolus (10)
Perennial. Succulent. Ht up to 0.025 m. Alt 20–260 m. WC

serrulatum L.Bolus = **C. purpureo-album**

spissum H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.05 m, when in flower. Alt 200–350 m. WC

spongiosum (L.Bolus) L.Bolus = **Jordaaniella spongiosa**

staminodiosum L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 200–350 m. WC

stayneri L.Bolus = **C. framesii**

subulatoides (Haw.) N.E.Br.
C. acutum (Haw.) L.Bolus (10)
C. diminutum (Haw.) L.Bolus (9)
C. punctatum (Haw.) N.E.Br. (9)
Perennial. Succulent. Ht up to 0.04 m. Alt 60–690 m. WC

tenuifolium L.Bolus = **C. tricolorum**

tetrastichum H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.1 m. Alt 10–200 m. NC

tricolorum (Haw.) Schwantes
C. comptonii N.E.Br. (9)
C. crassum L.Bolus (9)
C. tenuifolium L.Bolus (9)
Perennial. Succulent. Ht up to 0.12 m. Alt 20–600 m. WC

truncatum L.Bolus = **C. niveum**

uniflorum L.Bolus = **Jordaaniella uniflora**

vandermerwei L.Bolus = **C. diversiphyllum**

vanheerdei L.Bolus = **C. regale**

vanputtenii L.Bolus = **Jordaaniella dubia**

watermeyeri L.Bolus = **Jordaaniella dubia**

weigangianum (Dinter) Dinter & Schwantes = **Leipoldtia weigangiana** subsp. **weigangiana**

worcesterense L.Bolus = **C. purpureo-album**

CEROCHLAMYS N.E.Br. 2405025

(1) Hartmann. 1998. *Bradleya* 16: 48–56.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 113–115.

gemina (L.Bolus) H.E.K.Hartmann
Mesembryanthemum geminum N.E.Br. (1)
Ruschia gemina L.Bolus (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 300–950 m. WC

pachyphylla (L.Bolus) L.Bolus
C. pachyphylla (L.Bolus) L.Bolus var. *albiflora* H.Jacobsen (1)
Mesembryanthemum pachyphyllum L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 400–780 m. WC

pachyphylla (L.Bolus) L.Bolus var. *albiflora* H.Jacobsen = **C. pachyphylla**

purpureostyla (L.Bolus) H.E.K.Hartmann = **Acrodon purpureostylus**

trigona N.E.Br.
Perennial. Succulent. Ht up to 0.05 m. Alt 190–650 m. WC

CHASMATOPHYLLUM Dinter & Schwantes 2405026

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 115–117.

braunsii Schwantes
braunsii Schwantes var. *majus* L.Bolus (1)
Perennial. Succulent. Ht up to 0.02 m. Alt 800–1700 m. NC, WC

braunsii Schwantes var. *majus* L.Bolus = **C. braunsii**

maninum L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt ± 1600 m. NC

musculinum (Haw.) Dinter & Schwantes
Mesembryanthemum dinterae Dinter (1)
Mesembryanthemum musculinum Haw. (1)
Stomatium musculinum Schwantes (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 980–1700 m. N, NW, G, M, FS, NC, WC, EC

nelii Schwantes
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m. EC

rouxii L.Bolus
Rhinephyllum rouxii (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.02 m. Alt 1300–1700 m. NC

stanleyi (L.Bolus) H.E.K.Hartmann
Hereroa stanleyi (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.09 m. Alt 550–1200 m. WC, EC

verdoorniae (N.E.Br.) L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1600 m. FS

willowmorense (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 750–1050 m. EC

CHEIRIDOPSIS N.E.Br. 2405027

(1) Bolus. 1967. *The Flowering Plants of Africa* 38: t. 1507.
(2) Bolus. 1968. *The Flowering Plants of Africa* 39: t. 1529.
(3) Hartmann & Dehn. 1987. *Botanische Jahrbücher* 108: 567–663.
(4) Hammer. 1993. *Bradleya* 11: 75–85.
(5) Hammer. 1995. *Piante Grasse* 15,4 Suppl.: 59–87.
(6) Williamson. 2000. *Aloe* 37: 4–7.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 117–128.
(8) Hammer. 2002. *Cactus and Succulent Journal (U.S.)* 74: 112–115.

acuminata L.Bolus
C. carinata L.Bolus (3)
Perennial. Succulent. Ht up to 0.07 m. Alt 190–900 m. NC

alata L.Bolus = **C. robusta**

albiflora L.Bolus = **C. derenbergiana**

albirosea L.Bolus = **Ihlenfeldtia excavata**

altitecta Schwantes = **C. derenbergiana**

amabilis S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt? NC

ampliata L.Bolus = **C. derenbergiana**

angustipetala L.Bolus = **C. derenbergiana**

aspera L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 460–1100 m. NC

aurea L.Bolus var. *aurea* = **C. robusta**

aurea L.Bolus var. *lutea* L.Bolus = **C. robusta**

ausensis L.Bolus = **C. caroli-schmidtii**

bibracteata (Haw.) N.E.Br. = **C. rostrata**

bifida (Haw.) N.E.Br. = **C. rostrata**

borealis L.Bolus = **C. caroli-schmidtii**

brachystigma L.Bolus = **C. pillansii**

breachiae L.Bolus = **C. namaquensis**

brevipes L.Bolus = **C. robusta**

brevis L.Bolus = **C. namaquensis**

brownii Schick & Tischer
C. hallii L.Bolus (3)
C. insignis Schwantes (3)
C. staminodifera L.Bolus (3)
C. turgida L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 20–1100 m. N, NC

campanulata G.Will.
Perennial. Succulent. Ht ± 0.08 m. Alt ± 678 m. NC

candidissima (Haw.) N.E.Br. = **C. denticulata**

carinata L.Bolus = **C. acuminata**

carnea N.E.Br. = **C. rostrata**

caroli-schmidtii (Dinter & A.Berger) N.E.Br.
C. ausensis L.Bolus (3)
C. borealis L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 600–1500 m. N

cigarettifera (A.Berger) N.E.Br. = **C. namaquensis**

citrina L.Bolus = **C. derenbergiana**

compressa L.Bolus = **C. derenbergiana**

cuprea (L.Bolus) N.E.Br. = **Cephalophyllum caespitosum**

curta L.Bolus = **C. namaquensis**

delphinoides S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. NC

denticulata (Haw.) N.E.Br.
C. candidissima (Haw.) N.E.Br. (3)
C. denticulata (Haw.) N.E.Br. var. *glauca* (Haw.) N.E.Br. (3)
C. inconspicua N.E.Br. (3)
C. littlewoodii L.Bolus (3)
C. macrophylla L.Bolus (3)
C. vanheerdei L.Bolus (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 300–1200 m. NC

denticulata (Haw.) N.E.Br. var. *glauca* (Haw.) N.E.Br. = **C. denticulata**

derenbergiana Schwantes
C. albiflora L.Bolus (3)
C. altitecta Schwantes (3)
C. ampliata L.Bolus (3)
C. angustipetala L.Bolus (3)
C. citrina L.Bolus (3)
C. compressa L.Bolus (3)
C. eburnea L.Bolus (3)
C. inaequalis L.Bolus (3)
C. macrocalyx L.Bolus (3)
C. quadrifolia L.Bolus (3)
C. subaequalis L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m. NC

difformis (Thunb.) N.E.Br. = **C. namaquensis**

dilatata L.Bolus = **Ihlenfeldtia excavata**

duplessii L.Bolus = **C. namaquensis**

eburnea L.Bolus = **C. derenbergiana**

excavata L.Bolus = **Ihlenfeldtia excavata**

framesii L.Bolus = **C. namaquensis**

gamoepensis S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 1010–1150 m. NC

gibbosa Schick & Tischer = **C. pillansii**

glabra L.Bolus = **C. pearsonii**

glomerata S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt? NC

grandiflora L.Bolus = **C. robusta**

hallii L.Bolus = **C. brownii**

herrei L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 300–600 m. NC

hutchinsonii L.Bolus = **C. namaquensis**

imitans L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–600 m. NC

inaequalis L.Bolus = **C. derenbergiana**

inconspicua N.E.Br. = **C. denticulata**

insignis Schwantes = **C. brownii**

inspersa (N.E.Br.) N.E.Br. = **C. rostrata**

intrusa L.Bolus = **C. namaquensis**

latifolia L.Bolus = **C. namaquensis**

lecta (N.E.Br.) N.E.Br. = **C. robusta**

leptopetala L.Bolus = **C. robusta**

littlewoodii L.Bolus = **C. denticulata**

longipes L.Bolus = **C. namaquensis**

luckhoffii L.Bolus = **C. namaquensis**

macrocalyx L.Bolus = **C. derenbergiana**

macrophylla L.Bolus = **C. denticulata**

marlothii N.E.Br. = **C. namaquensis**

meyeri N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt ± 300 m. NC

meyeri N.E.Br. var. *minor* L.Bolus = **C. minor**

minima Tischer = **Antimima minima**

minor (L.Bolus) H.E.K.Hartmann
C. meyeri N.E.Br. var. *minor* L.Bolus (7)
Perennial. Succulent. Ht up to 0.02 m. Alt? NC

multiseriata L.Bolus = **C. robusta**

namaquensis (Sond.) H.E.K.Hartmann
C. breachiae L.Bolus (7)
C. brevis L.Bolus (7)
C. cigarettifera (A.Berger) N.E.Br. (7)
C. curta L.Bolus (7)
C. difformis (Thunb.) N.E.Br. (7)
C. duplessii L.Bolus (7)
C. framesii L.Bolus (7)
C. hutchinsonii L.Bolus (7)
C. intrusa L.Bolus (7)
C. latifolia L.Bolus (7)
C. longipes L.Bolus (7)
C. luckhoffii L.Bolus (7)
C. marlothii N.E.Br. (7)
C. quaternifolia L.Bolus (7)
C. scabra L.Bolus var. *fera* L.Bolus (7)
C. scabra L.Bolus var. *scabra* (7)
C. serrulata L.Bolus (7)
C. subalba L.Bolus (7)
C. tenuifolia L.Bolus (7)
Mesembryanthemum difforme Thunb. (7)
Perennial. Succulent. Ht up to 0.04 m. Alt 300–900 m. NC, WC

nelii Schwantes
Perennial. Succulent. Ht? Alt? WC

papillata L.Bolus = **Ihlenfeldtia vanzylii**

parvibracteata L.Bolus = **Cephalophyllum parvibracteatum**

parvula (Schltr.) N.E.Br. = **Cephalophyllum parvulum**

paucifolia L.Bolus = **C. schlechteri**

pearsonii N.E.Br.
C. glabra L.Bolus (3)
C. resurgens L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1700 m. NC

peculiaris N.E.Br.
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1000 m. NC

peersii L.Bolus = **C. turbinata**

perdecora N.E.Br. = **C. robusta**

pillansii L.Bolus
C. brachystigma L.Bolus (3)
C. gibbosa Schick & Tischer (3)
C. pillansii L.Bolus var. *crassa* (L.Bolus) G.D.Rowley (3)
Perennial. Succulent. Ht up to 0.08 m. Alt 400–750 m. NC

pillansii L.Bolus var. *crassa* (L.Bolus) G.D.Rowley = **C. pillansii**

pilosula L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 850–1250 m. NC

ponderosa S.A.Hammer
Perennial. Succulent. Ht? Alt? NC

pressa (N.E.Br.) N.E.Br. = **C. robusta**

pulverulenta L.Bolus = **C. schlechteri**

purpurascens (Salm-Dyck) N.E.Br. var. *leipoldtii* L.Bolus = **C. rostrata**

purpurascens (Salm-Dyck) N.E.Br. var. *purpurascens* = **C. rostrata**

purpurea L.Bolus
C. splendens L.Bolus (3)
Perennial. Succulent. Ht up to 0.04 m. Alt ± 300 m. NC

quadrifolia L.Bolus = **C. derenbergiana**

quaternifolia L.Bolus = **C. namaquensis**

resurgens L.Bolus = **C. pearsonii**

richardiana L.Bolus = **Ihlenfeldtia vanzylii**

robusta (Haw.) N.E.Br.
C. alata L.Bolus (3)
C. aurea L.Bolus var. *aurea* (3)
C. aurea L.Bolus var. *lutea* L.Bolus (3)
C. brevipes L.Bolus (3)
C. grandiflora L.Bolus (3)
C. lecta (N.E.Br.) N.E.Br. (3)
C. leptopetala L.Bolus (3)
C. multiseriata L.Bolus (3)
C. perdecora N.E.Br. (3)
C. pressa (N.E.Br.) N.E.Br. (3)
C. roodiae N.E.Br. (3)
C. schickiana Tischer (3)
C. truncata L.Bolus (3)
Perennial. Succulent. Ht up to 0.1 m, when in flower. Alt 20–600 m. N, NC

roodiae N.E.Br. = **C. robusta**

rostrata (L.) N.E.Br.

C. bibracteata (Haw.) N.E.Br. (3)
C. bifida (Haw.) N.E.Br. (3)
C. carnea N.E.Br. (3)
C. inspersa (N.E.Br.) N.E.Br. (3)
C. purpurascens (Salm-Dyck) N.E.Br. var. *leipoldtii* L.Bolus (3)
C. purpurascens (Salm-Dyck) N.E.Br. var. *purpurascens* (3)
C. rostratoides (Haw.) N.E.Br. (3)
C. tuberculata (Mill.) N.E.Br. (3)
C. velutina L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m, when in flower. Alt 20–600 m. WC

rostratoides (Haw.) N.E.Br. = **C. rostrata**

rudis L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt? NC

scabra L.Bolus var. *fera* L.Bolus = **C. namaquensis**

scabra L.Bolus var. *scabra* = **C. namaquensis**

schickiana Tischer = **C. robusta**

schlechteri Tischer
C. paucifolia L.Bolus (3)
C. pulverulenta L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m. NC

serrulata L.Bolus = **C. namaquensis**

speciosa L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m. NC

splendens L.Bolus = **C. purpurea**

staminodifera L.Bolus = **C. brownii**

subaequalis L.Bolus = **C. derenbergiana**

subalba L.Bolus = **C. namaquensis**

tenuifolia L.Bolus = **C. namaquensis**

truncata L.Bolus = **C. robusta**

tuberculata (Mill.) N.E.Br. = **C. rostrata**

turbinata L.Bolus
C. peersii L.Bolus (3)
C. turbinata L.Bolus var. *minor* L.Bolus (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 300–1000 m. NC, WC

turbinata L.Bolus var. *minor* L.Bolus = **C. turbinata**

turgida L.Bolus = **C. brownii**

umbrosa S.A.Hammer & P.Desmet
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1200 m. NC

umdausensis L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 600–1120 m. NC

vanbredai L.Bolus = **Ihlenfeldtia excavata**

vanheerdei L.Bolus = **C. denticulata**

vanzijlii L.Bolus = **Ihlenfeldtia vanzylii**

velox S.A.Hammer
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1160 m. NC

velutina L.Bolus = **C. rostrata**

ventricosa (L.Bolus) N.E.Br. = **Antimima ventricosa**

verrucosa L.Bolus
C. verrucosa L.Bolus var. *minor* L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 20–300 m. NC

verrucosa L.Bolus var. *minor* L.Bolus = **C. verrucosa**

CIRCANDRA N.E.Br. 2405138

(1) Brown. 1930. *The Gardeners' Chronicle* 87: 126.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 129.

serrata (L.) N.E.Br.
Erepsia serrata (L.) L.Bolus (1)
Mesembryanthemum serratum L. (1)
Perennial. Succulent. Ht up to 0.6 m. Alt 350–850 m. WC

CLERETUM N.E.Br. 2405140

(1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1366.
(2) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 129–131.

herrei (Schwantes) Ihlenf. & Struck
Annual. Succulent. Ht up to 0.05 m. Alt 20–350 m. WC

lyratifolium Ihlenf. & Struck
Annual. Succulent. Ht up to 0.04 m. Alt 800–1000 m. WC

papulosum (L.f.) L.Bolus subsp. **papulosum**
C. papulosum (L.f.) N.E.Br., illegitimate name (2)
Mesembryanthemum papulosum L.f. (3)
Mesembryanthemum sessiliflorum Aiton (2)
Micropterum papulosum (L.f.) Schwantes (2)
Micropterum papulosum (L.f.) Schwantes subsp. *multiflorum* Schwantes, naked name (2)
Micropterum sessiliflorum (Aiton) Schwantes (2)
Annual. Succulent. Ht up to 0.08 m. Alt 800–1600 m. NC, WC

papulosum (L.f.) L.Bolus subsp. **schlechteri** (Schwantes) Ihlenf. & Struck
Annual. Succulent. Ht up to 0.1 m. Alt up to 1200 m. NC

papulosum (L.f.) N.E.Br., illegitimate name = **C. papulosum** subsp. **papulosum**

CONICOSIA N.E.Br. 2405028

(1) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 131–133.

alborosea L.Bolus = **C. pugioniformis** subsp. **alborosea**

australis L.Bolus = **C. pugioniformis** subsp. **muirii**

bijlii N.E.Br. = **C. pugioniformis** subsp. **muirii**

brevicaulis (Haw.) Schwantes = **C. pugioniformis** subsp. **pugioniformis**

communis (Edwards) N.E.Br. = **C. pugioniformis** subsp. **pugioniformis**

coruscans (Haw.) Schwantes = **C. elongata**

elongata (Haw.) N.E.Br.
C. coruscans (Haw.) Schwantes (1)
C. robusta N.E.Br. (1)
Herrea acocksii L.Bolus (1)
Herrea affinis (N.E.Br.) L.Bolus (1)
Herrea alba L.Bolus (1)
Herrea albolutea L.Bolus (1)
Herrea blanda L.Bolus (1)
Herrea brevisepala L.Bolus (1)
Herrea elongata (Haw.) L.Bolus var. *elongata* (1)
Herrea elongata (Haw.) L.Bolus var. *minor* (Haw.) L.Bolus (1)
Herrea excavata L.Bolus (1)
Herrea fusiformis (Haw.) L.Bolus (1)
Herrea grandis L.Bolus (1)
Herrea gydouwensis L.Bolus (1)

Herrea inaequalis L.Bolus (1)
Herrea klaverensis L.Bolus (1)
Herrea laticalyx L.Bolus (1)
Herrea macrocalyx L.Bolus (2)
Herrea nelii Schwantes (2)
Herrea obtusa L.Bolus (1)
Herrea plana L.Bolus (1)
Herrea porcina L.Bolus (1)
Herrea robusta (N.E.Br.) L.Bolus (1)
Herrea ronaldii L.Bolus (1)
Herrea roodiae (N.E.Br.) L.Bolus (1)
Herrea stipitata L.Bolus (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–950 m. NC, WC

muirii N.E.Br. = **C. pugioniformis** subsp. **muirii**

pugioniformis (L.) N.E.Br. subsp. **alborosea** (L.Bolus) Ihlenf. & Gerbaulet
C. alborosea L.Bolus (1)
Perennial. Succulent. Ht up to 0.6 m. Alt 20–600 m. NC

pugioniformis (L.) N.E.Br. subsp. **muirii** (N.E.Br.) Ihlenf. & Gerbaulet
C. australis L.Bolus (1)
C. bijlii N.E.Br. (1)
C. muirii N.E.Br. (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 10–200 m. WC

pugioniformis (L.) N.E.Br. subsp. **pugioniformis**
C. brevicaulis (Haw.) Schwantes (1)
C. communis (Edwards) N.E.Br. (1)
C. pulliloba N.E.Br. (1)
Herrea caledonica L.Bolus (1)
Perennial. Succulent. Ht up to 0.4 m, when in flower. Alt 20–350 m. WC

pulliloba N.E.Br. = **C. pugioniformis** subsp. **pugioniformis**

robusta N.E.Br. = **C. elongata**

CONOPHYLLUM Schwantes 2405029

globosum L.Bolus = **Meyerophytum globosum**

CONOPHYTUM N.E.Br. 2405030

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 400.
(2) Lavis. 1933. *The Flowering Plants of South Africa* 13: tt. 509A–510B.
(3) Hammer. 1993. *The genus* Conophytum: 1–283.
(4) Pavelka. 1999. *Kaktusy* 35, Speciál 1999/1: 1–32.
(5) Smale. 2000. *Cactus and Succulent Journal of Great Britain* 18: 101–107.
(6) Hammer. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 134–175.
(7) Desmet *et al.* 2001. *Bradleya* 19: 15–18.
(8) Hammer. 2002. *Dumpling and his wife: new views of the genus* Conophytum: 1–398.

absimile L.Bolus forma *majus* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

absimile L.Bolus forma *umbrosum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

absimile L.Bolus var. *absimile* = **C. bilobum** subsp. **bilobum** var. **bilobum**

achabense S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 1050–1160 m. NC

acutum L.Bolus
Perennial. Succulent. Ht up to 0.01 m. Alt 420–600 m. WC

admiraalii L.Bolus = **C. jucundum** subsp. **jucundum**

advenum N.E.Br. = **C. piluliforme** subsp. **piluliforme**

aequale L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

aequatum L.Bolus = **C. pageae**

aggregatum (Haw. ex N.E.Br.) N.E.Br. = **C. piluliforme** subsp. **piluliforme**

albertense (N.E.Br.) N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

albescens N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

albifissum Tischer = **C. minimum**

albiflorum (Rawe) S.A.Hammer
C. edwardsiae Lavis var. *albiflorum* Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 10–100 m. WC

altile (N.E.Br.) N.E.Br. = **C. ficiforme**

altum L.Bolus var. *altum* = **C. bilobum** subsp. **altum**

altum L.Bolus var. *plenum* L.Bolus = **C. bilobum** subsp. **altum**

ampliatum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

amplum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

andausanum N.E.Br. var. *andausanum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

andausanum N.E.Br. var. *immaculatum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

angelicae (Dinter & Schwantes) N.E.Br. subsp. **angelicae**
Mesembryanthemum angelicae (Dinter & Schwantes) N.E.Br. (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 900–1100 m. N, NC

angelicae (Dinter & Schwantes) N.E.Br. subsp. **tetragonum** Rawe & S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–980 m. NC

angustum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

angustum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

anjametae de Boer = **C. violaciflorum**

anomalum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

apertum Tischer = **C. bilobum** subsp. **altum**

apiatum (N.E.Br.) N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

apiculatum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

approximatum Lavis = **C. bilobum** subsp. **bilobum** var. **bilobum**

archeri Lavis var. *archeri* = **C. piluliforme** subsp. **piluliforme**

archeri Lavis var. *stayneri* L.Bolus = **C. truncatum** subsp. **viridicatum**

areolatum Littlew. = **C. pellucidum** subsp. **pellucidum**

armianum S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 650–1100 m. NC

arthurolfago S.A.Hammer
C. lithopsoides L.Bolus subsp. *arthurolfago* S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1200 m. NC

asperulum L.Bolus var. *asperulum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

asperulum L.Bolus var. *brevistylum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

assimile (N.E.Br.) N.E.Br. = **C. ficiformе**

astylum L.Bolus = **C. pellucidum** subsp. **cupreatum**

auctum N.E.Br. forma *approximatum* (Lavis) Rawe = **C. bilobum** subsp. **bilobum** var. **bilobum**

auctum N.E.Br. forma *auctum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

auriflorum Tischer subsp. **auriflorum**
Perennial. Succulent. Ht up to 0.02 m. Alt 690–1000 m. NC

auriflorum Tischer subsp. **turbiniforme** (Rawe) S.A.Hammer
C. turbiniforme Rawe (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 540–860 m. NC

australe L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

avenantii L.Bolus = **C. jucundum** subsp. **fragile**

bachelorum S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m, when in flower. Alt 400–730 m. NC

bachelorum S.A.Hammer subsp. *sponsaliorum* S.A.Hammer = **C. obscurum** subsp. **sponsaliorum**

barbatum L.Bolus = **C. obscurum** subsp. **barbatum**

barkerae L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

batesii N.E.Br. = **C. minimum**

bicarinatum L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1400 m. WC

bilobum (Marloth) N.E.Br. subsp. **altum** (L.Bolus) S.A.Hammer
C. altum L.Bolus var. *altum* (3)
C. altum L.Bolus var. *plenum* L.Bolus (3)
C. apertum Tischer (3)
C. connatum L.Bolus (3)
C. corniferum Schick & Tischer (3)
C. gracile N.E.Br. var. *gracile* (3)
C. gracile N.E.Br. var. *majusculum* L.Bolus (3)
C. graciliramosum L.Bolus (2)
C. luiseae Schwantes (3)
C. luiseae Schwantes var. *papillatum* L.Bolus, semi-naked name (3)
Perennial. Succulent. Ht up to 0.1 m with age. Alt 600–800 m. NC

bilobum (Marloth) N.E.Br. subsp. **bilobum** var. **bilobum**
C. absimile L.Bolus forma *absimile* (3)
C. absimile L.Bolus forma *majus* L.Bolus (3)
C. absimile L.Bolus forma *umbrosum* L.Bolus (3)
C. aequale L.Bolus (3)
C. albescens N.E.Br. (3)
C. ampliatum L.Bolus (3)
C. amplum L.Bolus (3)
C. andausanum N.E.Br. var. *andausanum* (3)
C. andausanum N.E.Br. var. *immaculatum* L.Bolus (3)
C. angustum L.Bolus (3)
C. angustum N.E.Br. (3)
C. anomalum L.Bolus (3)
C. apiatum (N.E.Br.) N.E.Br. (3)
C. apiculatum N.E.Br. (3)
C. approximatum Lavis (3)
C. asperulum L.Bolus var. *asperulum* (3)
C. asperulum L.Bolus var. *brevistylum* L.Bolus (3)
C. auctum N.E.Br. forma *approximatum* (Lavis) Rawe (3)
C. auctum N.E.Br. forma *auctum* (3)
C. australe L.Bolus (3)
C. barkerae L.Bolus (3)
C. brevisectum L.Bolus (3)
C. cauliferum N.E.Br. var. *cauliferum* (3)
C. cauliferum N.E.Br. var. *lekkersingense* L.Bolus (3)
C. christiansenianum L.Bolus (3)
C. citrinum L.Bolus (3)
C. compressum N.E.Br. (3)
C. conradii L.Bolus (3)
C. convexum L.Bolus (3)
C. cordatum Schick & Tischer var. *cordatum* (3)
C. cordatum Schick & Tischer var. *macrostigma* L.Bolus (3)
C. coriaceum L.Bolus (3)
C. crassum L.Bolus (3)
C. curtum L.Bolus (3)
C. dennisii N.E.Br. (3)
C. difforme L.Bolus (3)
C. dilatatum Tischer (3)
C. dissimile L.Bolus (3)
C. distans L.Bolus (3)
C. divaricatum N.E.Br. (3)
C. diversum N.E.Br. (3)
C. dolomiticum Tischer (3)
C. ecarinatum L.Bolus var. *angustum* L.Bolus (3)
C. ecarinatum L.Bolus var. *ecarinatum* (3)
C. ecarinatum L.Bolus var. *mutabile* L.Bolus (3)
C. excisum L.Bolus (3)
C. exsertum N.E.Br. (3)
C. gonapense L.Bolus var. *gonapense* (3)
C. gonapense L.Bolus var. *numeesicum* L.Bolus (3)
C. grandiflorum L.Bolus (3)
C. inclusum L.Bolus (3)
C. incurvum N.E.Br. var. *incurvum* (3)
C. incurvum N.E.Br. var. *leucanthum* (Lavis) Tischer (3)
C. indefinitum L.Bolus (3)
C. insigne L.Bolus (3)
C. klipbokbergense L.Bolus (3)
C. lacteum L.Bolus (3)
C. largum L.Bolus (3)
C. latum L.Bolus (3)
C. lavisianum L.Bolus (3)
C. laxipetalum N.E.Br. (3)
C. lekkersingense L.Bolus (3)
C. leucanthum Lavis (3)
C. leucanthum Lavis var. *multipetalum* L.Bolus (3)
C. markoetterae Schwantes (3)
C. meyerae Schwantes forma *alatum* Tischer (3)
C. meyerae Schwantes forma *apiculatum* (N.E.Br.) Tischer, invalid combination (3)
C. meyerae Schwantes forma *asperulum* (L.Bolus) H.Jacobsen (3)
C. meyerae Schwantes forma *meyerae* (3)
C. meyerae Schwantes forma *pole-evansii* (N.E.Br.) Tischer, invalid combination (3)
C. nelianum Schwantes (3)
C. noisabisense L.Bolus (3)
C. nutaboiense Tischer (3)
C. obtusum N.E.Br. var. *amplum* (L.Bolus) Rawe (3)
C. obtusum N.E.Br. var. *obtusum* (3)
C. ovatum L.Bolus (3)
C. parvulum L.Bolus (3)
C. philippi L.Bolus (3)
C. piriforme L.Bolus (3)
C. plenum N.E.Br. (3)
C. pluriforme L.Bolus (3)
C. pole-evansii N.E.Br. (3)

C. proximum L.Bolus (3)
C. recisum N.E.Br. (3)
C. simile N.E.Br. (3)
C. simplum N.E.Br. (3)
C. sitzlerianum Schwantes (3)
C. smithersii L.Bolus (3)
C. sororium N.E.Br. (3)
C. springbokense N.E.Br. (3)
C. strictum L.Bolus var. *inaequale* L.Bolus (3)
C. strictum L.Bolus var. *strictum* (3)
C. stylosum (N.E.Br.) Tischer (3)
C. subacutum L.Bolus (3)
C. subcylindricum L.Bolus (3)
C. subtenue L.Bolus (3)
C. supremum L.Bolus (3)
C. tectum N.E.Br. (3)
C. tumidum N.E.Br. (3)
C. tumidum N.E.Br. var. *asperulum* L.Bolus (3)
C. umdausense L.Bolus (3)
C. variabile L.Bolus (3)
C. vlakmynense L.Bolus (3)
Mesembryanthemum apiatum N.E.Br. (3)
Mesembryanthemum bilobum Marloth (3)
Mesembryanthemum elishae N.E.Br. (3)
Mesembryanthemum stylosum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.1 m. Alt 50–1200 m. NC

bilobum (Marloth) N.E.Br. subsp. **bilobum** var. **elishae** (N.E.Br.) S.A.Hammer
C. elishae (N.E.Br.) N.E.Br. (8)
Perennial. Succulent. Ht up to 0.08 m. Alt 900–1200 m. NC

bilobum (Marloth) N.E.Br. subsp. **bilobum** var. **linearilucidum** (L.Bolus) S.A.Hammer
C. linearilucidum L.Bolus (8)
Perennial. Succulent. Ht up to 0.06 m. Alt 840–1100 m. NC

bilobum (Marloth) N.E.Br. subsp. **bilobum** var. **muscosipapillatum** (Lavis) S.A.Hammer
C. muscosipapillatum Lavis (8)
Perennial. Succulent. Ht up to 0.8 m. Alt 600–800 m. NC

bilobum (Marloth) N.E.Br. subsp. **claviferens** S.A.Hammer
Perennial. Succulent. Ht up to 0.8 m. Alt 730–910 m. NC

bilobum (Marloth) N.E.Br. subsp. **gracilistylum** (L.Bolus) S.A.Hammer
C. gracilistylum (L.Bolus) N.E.Br. (3)
Mesembryanthemum gracistylum L.Bolus (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 320–750 m. WC

blandum L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 940–1140 m. NC

bolusiae Schwantes subsp. **bolusiae**
C. intrepidum L.Bolus (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 500–750 m. NC

bolusiae Schwantes subsp. **primavernum** S.A.Hammer
Perennial. Succulent. Ht up to 0.08 m. Alt 350–580 m. NC

boreale L.Bolus = **C. lithopsoides** subsp. **boreale**

braunsii Tischer = **C. minutum** var. **minutum**

breve N.E.Br.
C. breve N.E.Br. var. *minor* L.Bolus (3)
C. doornense N.E.Br., confused name (6)
C. membranaceum L.Bolus (3)
C. paucipunctum Tischer (3)
C. pumilum N.E.Br. (3)
C. pygmaeum Schick & Tischer (3)
C. subtile N.E.Br. (3)
Perennial. Succulent. Ht up to 0.1 m. Alt 820–1200 m. NC

breve N.E.Br. var. *minor* L.Bolus = **C. breve**

breve N.E.Br. var. *minutiflorum* (Schwantes) Rawe = **C. pageae**

breve N.E.Br. var. *vanzylii* (Lavis) Rawe, invalid combination = **C. calculus** subsp. **vanzylii**

brevilineatum Tischer = **C. minimum**

brevipes L.Bolus = **C. wettsteinii**

brevipetalum Lavis = **C. piluliforme** subsp. **piluliforme**

brevisectum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

brevitubum Lavis = **C. truncatum** subsp. **truncatum** var. **truncatum**

brownii Tischer = **C. ectypum** subsp. **brownii**

brunneum S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 450–590 m. WC

bruynsii S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 450–590 m. WC

burgeri L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1050–1100 m. NC

buysianum A.R.Mitch. & S.A.Hammer = **C. reconditum** subsp. **buysianum**

calculus (A.Berger) N.E.Br. subsp. **calculus**
C. calculus (A.Berger) N.E.Br. var. *komkansicum* (L.Bolus) Rawe (3)
C. komkansicum L.Bolus (3)
Mesembryanthemum calculus A.Berger (3)
Perennial. Succulent. Ht up to 0.08 m with age. Alt 180–350 m. NC, WC

calculus (A.Berger) N.E.Br. subsp. **vanzylii** (Lavis) S.A.Hammer
C. breve N.E.Br. var. *vanzylii* (Lavis) Rawe, invalid combination (3)
C. namiesicum L.Bolus (3)
C. vanzylii Lavis (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 1080–1150 m. NC, WC

calculus (A.Berger) N.E.Br. var. *komkansicum* (L.Bolus) Rawe = **C. calculus** subsp. **calculus**

calculus (A.Berger) N.E.Br. var. *protusum* L.Bolus = **C. pageae**

calitzdorpense L.Bolus = **C. truncatum** subsp. **truncatum** var. **truncatum**

calitzdorpense Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

candidum L.Bolus = **C. meyeri**

caroli Lavis
C. singulare G.D.Rowley (3)
Ophthalmophyllum australe L.Bolus (3)
Ophthalmophyllum caroli (Lavis) Tischer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 940–1050 m. NC

carpianum L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 900–1160 m. NC

catervum (N.E.Br.) N.E.Br. = **C. truncatum** subsp. **viridicatum**

cauliferum N.E.Br. var. *cauliferum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

cauliferum N.E.Br. var. *lekkersingense* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ceresianum L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **ceresianum**

ceresianum L.Bolus var. *divergens* (L.Bolus) Rawe = **C. obcordellum** subsp. **obcordellum** var. **ceresianum**

chauviniae (Schwantes) S.A.Hammer
Mesembryanthemum augeiforme Schwantes (3)
Mesembryanthemum chauviniae Schwantes (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 410–800 m. WC

chloratum Tischer = **C. ectypum** subsp. **ectypum**

chrisocruxum S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt ± 900 m. NC

chrisolum S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt ± 750 m. NC

christianseni anum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

cibdelum N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

circumpunctatum Schick & Tischer = **C. wettsteinii**

citrinum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

clarum N.E.Br. = **C. uviformе** subsp. **uviformе**

clavatum L.Bolus = **C. obscurum** subsp. **obscurum**

colorans Lavis = **C. uviformе** subsp. **uviformе**

complanatum L.Bolus = **C. truncatum** subsp. **viridicatum**

compressum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

comptonii N.E.Br.
Perennial. Succulent. Ht up to 0.01 m. Alt 850–1010 m. WC

concavum L.Bolus
Perennial. Succulent. Ht up to 0.01 m. Alt 300–650 m. NC

concinnum Schwantes = **C. flavum** subsp. **flavum**

concordans G.D.Rowley
Ophthalmophyllum villetii L.Bolus (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1300 m. NC

connatum L.Bolus = **C. bilobum** subsp. **altum**

conradii L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

convexum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

corculum Schwantes = **C. meyeri**

cordatum Schick & Tischer var. *cordatum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

cordatum Schick & Tischer var. *macrostigma* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

coriaceum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

corniferum Schick & Tischer = **C. bilobum** subsp. **altum**

crassum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

craterulum Tischer = **C. velutinum** subsp. **velutinum**

cubicum Pavelka
Perennial. Succulent. Ht up to 0.01 m. Alt up to 930 m. NC

cuneatum Tischer = **C. halenbergense**

cupreatum Tischer = **C. pellucidum** subsp. **cupreatum**

cupreiflorum Tischer (insufficiently known)
Perennial. Succulent. Ht? Alt? NC

curtum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

cylindratum Schwantes = **C. roodiae** subsp. **cylindratum**

cylindratum Schwantes var. *primosii* (Lavis) Rawe = **C. roodiae** subsp. **cylindratum**

danielii Pavelka = **C. jarmilae**

declinatum L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

decoratum N.E.Br. = **C. uviformе** subsp. **decoratum**

dennisii N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

densipunctum L.Bolus = **C. quaesitum** subsp. **densipunctum**

depressum Lavis subsp. **depressum**
Perennial. Succulent. Ht up to 0.01 m. Alt 500–1450 m. NC

depressum Lavis subsp. **perdurans** S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 950–1075 m. NC

devium G.D.Rowley subsp. **devium**
Ophthalmophyllum littlewoodii L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 650–1150 m. NC

devium G.D.Rowley subsp. **stiriiferum** S.A.Hammer & Barnhill
Perennial. Succulent. Ht up to 0.02 m. Alt up to 1200 m. NC

difforme L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

dilatatum Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

discrepans G.D.Rowley forma *discrepans* = **C. maughanii** subsp. **latum**

discrepans G.D.Rowley forma *rubrum* (Tischer) G.D.Rowley = **C. maughanii** subsp. **latum**

dispar N.E.Br. = **C. truncatum** subsp. **viridicatum**

dissimile L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

distans L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

divaricatum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

divergens L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

diversum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

dolomiticum Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

doornense N.E.Br., confused name = **C. breve**

ecarinatum L.Bolus var. *angustum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ecarinatum L.Bolus var. *candidum* (L.Bolus) Rawe = **C. meyeri**

ecarinatum L.Bolus var. *ecarinatum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

ecarinatum L.Bolus var. *mutabile* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ectypum N.E.Br. subsp. **brownii** (Tischer) S.A.Hammer
C. ectypum N.E.Br. subsp. *ectypum* var. *brownii* (Tischer) Tischer (8)
C. brownii Tischer (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 950–1000 m. NC

ectypum N.E.Br. subsp. **cruciatum** S.A.Hammer
Perennial. Succulent. Ht up to 0.012 m. Alt 650–850 m. NC

ectypum N.E.Br. subsp. **ectypum**
C. chloratum Tischer (3)
C. ectypum N.E.Br. var. *limbatum* (N.E.Br.) Tischer (3)
C. ectypum N.E.Br. var. *tischleri* (Schwantes) Tischer (3)
C. limbatum N.E.Br. (3)
C. tischleri Schwantes (3)
C. virens L.Bolus (6)
Perennial. Succulent. Ht up to 0.025 m. Alt 650–950 m. NC

ectypum N.E.Br. subsp. *ectypum* var. *brownii* (Tischer) Tischer = **C. ectypum** subsp. **brownii**

ectypum N.E.Br. subsp. **ignavum** S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 950–1100 m. NC

ectypum N.E.Br. subsp. **sulcatum** (L.Bolus) S.A.Hammer
C. sulcatum L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 760–1080 m. NC

ectypum N.E.Br. var. *limbatum* (N.E.Br.) Tischer = **C. ectypum** subsp. **ectypum**

ectypum N.E.Br. var. *tischleri* (Schwantes) Tischer = **C. ectypum** subsp. **ectypum**

edithiae N.E.Br. = **C. subfenestratum**

edwardii Schwantes = **C. piluliforme** subsp. **edwardii**

edwardsiae Lavis = **C. luckhoffii**

edwardsiae Lavis var. *albiflorum* Rawe = **C. albiflorum**

eenkokerense L.Bolus = **C. tantillum** subsp. **eenkokerense**

elegans N.E.Br. = **C. pellucidum** subsp. **pellucidum**

elishae (N.E.Br.) N.E.Br. = **C. bilobum** subsp. **bilobum** var. **elishae**

ellipticum Tischer = **C. flavum** subsp. **novicium**

elongatum Schick & Tischer = **C. hians**

ernianum Loesch & Tischer = **C. taylorianum** subsp. **ernianum**

ernstii S.A.Hammer subsp. **cerebellum** S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 600–920 m. N

ernstii S.A.Hammer subsp. **ernstii**
Perennial. Succulent. Ht up to 0.02 m. Alt 200–1200 m. NC

etaylorii Schwantes = **C. piluliforme** subsp. **piluliforme**

excisum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

exiguum N.E.Br. = **C. saxetanum**

exsertum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

extractum Tischer = **C. meyeri**

fenestratum Schwantes = **C. pellucidum** subsp. **pellucidum**

fibuliforme (Haw.) N.E.Br. (insufficiently known)
Mesembryanthemum fibuliforme Haw. (3)
Perennial. Succulent. Ht? Alt? 'SA'

ficiforme (Haw.) N.E.Br.
C. altile (N.E.Br.) N.E.Br. (3)
C. assimile (N.E.Br.) N.E.Br. (3)
C. ficiforme (Haw.) N.E.Br. var. *placitum* (N.E.Br.) Rawe (3)
C. fossulatum Tischer (3)
C. odoratum (N.E.Br.) N.E.Br. (3)
C. pallidum (N.E.Br.) N.E.Br. (3)
C. placitum (N.E.Br.) N.E.Br. var. *placitum* (3)
C. placitum (N.E.Br.) N.E.Br. var. *pubescens* Littlew. (3)
Mesembryanthemum altile N.E.Br. (3)
Mesembryanthemum assimile N.E.Br. (3)
Mesembryanthemum ficiforme Haw. (3)
Mesembryanthemum jugiferum N.E.Br. (3)
Mesembryanthemum odoratum N.E.Br. (3)
Mesembryanthemum pallidum N.E.Br. (3)
Mesembryanthemum placitum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–550 m. WC

ficiforme (Haw.) N.E.Br. var. *placitum* (N.E.Br.) Rawe = **C. ficiforme**

flavum N.E.Br. subsp. **flavum**
C. concinnum Schwantes (3)
C. flavum N.E.Br. var. *luteum* (N.E.Br.) Boom (3)
C. luteum N.E.Br. (3)
C. ornatum Lavis (3)
C. percrassum Schick & Tischer (3)
C. tetracarpum Lavis (3)
C. tinctum Lavis (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 850–1100 m. NC

flavum N.E.Br. subsp. **novicium** (N.E.Br.) S.A.Hammer
C. ellipticum Tischer (3)
C. luteolum L.Bolus var. *luteolum* (3)
C. luteolum L.Bolus var. *macrostigma* L.Bolus (3)
C. novicium N.E.Br. (3)
C. rubristylosum Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1150 m. NC

flavum N.E.Br. var. *luteum* (N.E.Br.) Boom = **C. flavum** subsp. **flavum**

forresteri L.Bolus = **C. pageae**

fossulatum Tischer = **C. ficiforme**

fragile Tischer = **C. jucundum** subsp. **fragile**

framesii Lavis = **C. uviforme** subsp. **uviforme**

francisci L.Bolus = **C. uviforme** subsp. **uviforme**

francoiseae (S.A.Hammer) S.A.Hammer
C. wettsteinii (A.Berger) N.E.Br. subsp. *francoiseae* S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 360–850 m. NC

fraternum (N.E.Br.) N.E.Br.
C. kubusanum N.E.Br. (3)
C. praecox N.E.Br. (3)
Mesembryanthemum fraternum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1200 m. NC

fraternum (N.E.Br.) N.E.Br. var. *leptanthum* (L.Bolus) L.Bolus = **C. jucundum** subsp. **marlothii**

friedrichiae (Dinter) Schwantes
C. renominatum G.D.Rowley (3)
C. schwantesii G.D.Rowley (3)
Mesembryanthemum friedrichiae Dinter (6)
Ophthalmophyllum dinteri Schwantes ex H.Jacobsen (6)
Ophthalmophyllum friedrichiae (Dinter) Dinter & Schwantes (6)
Ophthalmophyllum triebneri Schwantes (3)
Ophthalmophyllum vanheerdei L.Bolus (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 900–1100 m. N, NC

frutescens Schwantes
C. notabile N.E.Br. (3)
C. salmonicolor L.Bolus (3)
C. teguliflorum Tischer (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 300–540 m. NC

fulleri L.Bolus
C. wiesemannianum Schwantes (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 980–1150 m. NC

geometricum Lavis = **C. violaciflorum**

germanum N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

geyeri L.Bolus = **C. jucundum** subsp. **jucundum**

giftbergense Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

glabrum Tischer = **C. minutum** var. **minutum**

globosum (N.E.Br.) N.E.Br.
C. globosum (N.E.Br.) N.E.Br. var. *vanbredae* (L.Bolus) Rawe (3)
C. obovatum Lavis var. *obovatum* (3)
C. obovatum Lavis var. *obtusum* L.Bolus (3)
C. vanbredae L.Bolus (3)
Mesembryanthemum globosum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–580 m. NC

globosum (N.E.Br.) N.E.Br. var. *vanbredae* (L.Bolus) Rawe = **C. globosum**

globuliforme Schick & Tischer = **C. meyeri**

gonapense L.Bolus var. *gonapense* = **C. bilobum** subsp. **bilobum** var. **bilobum**

gonapense L.Bolus var. *numeesicum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

gracile N.E.Br. var. *gracile* = **C. bilobum** subsp. **altum**

gracile N.E.Br. var. *majusculum* L.Bolus = **C. bilobum** subsp. **altum**

graciliramosum L.Bolus = **C. bilobum** subsp. **altum**

gracilistylum (L.Bolus) N.E.Br. = **C. bilobum** subsp. **gracilistylum**

graessneri Tischer = **C. saxetanum**

grandiflorum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

gratum (N.E.Br.) N.E.Br. subsp. *gratum* = **C. jucundum** subsp. **jucundum**

gratum (N.E.Br.) N.E.Br. subsp. *marlothii* (N.E.Br.) S.A.Hammer = **C. jucundum** subsp. **marlothii**

halenbergense (Dinter & Schwantes) N.E.Br.
C. cuneatum Tischer (3)
Mesembryanthemum halenbergense Dinter & Schwantes (3)
Perennial. Succulent. Ht up to 0.08 m. Alt 530–670 m. N

hallii L.Bolus = **C. roodiae** subsp. **roodiae**

hammeri G.Will. & H.C.Kennedy
Perennial. Succulent. Ht up to 0.02 m. Alt 310–650 m. NC

hanae Pavelka = **C. tomasi**

haramoepense L.Bolus, as '*karamoepense*' = **C. marginatum** subsp. **haramoepense**

heleniae Rawe = **C. tantillum** subsp. **heleniae**

helmutii Lavis = **C. stephanii** subsp. **helmutii**

hermarium (S.A.Hammer) S.A.Hammer
C. smorenskaduense de Boer subsp. *hermarium* S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1190 m. NC

herreanthus S.A.Hammer subsp. **herreanthus**
Herreanthus meyeri Schwantes (3)
Perennial. Succulent. Ht up to 0.1 m. Alt ± 780 m. NC

herreanthus S.A.Hammer subsp. **rex** S.A.Hammer
Perennial. Succulent. Ht up to 0.1 m. Alt 790–980 m. NC

herrei Schwantes = **C. minusculum** subsp. **minisculum**

hians N.E.Br.
C. elongatum Schick & Tischer (3)
C. hians N.E.Br. var. *acuminatum* L.Bolus (3)
C. hirtum Schwantes (3)
C. miserum N.E.Br. (3)
C. parvimarinum L.Bolus (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 130–1000 m. NC

hians N.E.Br. var. *acuminatum* L.Bolus = **C. hians**

hillii L.Bolus = **C. uviforme** subsp. **uviforme**

hirtum Schwantes = **C. hians**

hirtum Schwantes var. *baradii* Rawe = **C. klinghardtense** subsp. **baradii**

impressum Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

inclusum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

incurvum N.E.Br. var. *incurvum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

incurvum N.E.Br. var. *leucanthum* (Lavis) Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

indefinitum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

indutum L.Bolus = **C. obscurum** subsp. **obscurum**

inornatum N.E.Br. (insufficiently known)

Perennial. Succulent. Ht? Alt? 'SA'

insigne L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

intermedium L.Bolus = **C. loeschianum**

intrepidum L.Bolus = **C. bolusiae** subsp. **bolusiae**

irmae S.A.Hammer & Barnhill
Perennial. Succulent. Ht up to 0.03 m. Alt ± 750 m. NC

jacobsenianum Tischer = **C. jucundum** subsp. **jucundum**

jarmilae Halda
C. danielii Pavelka (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1150 m. NC

johannis-winkleri (Dinter & Schwantes) N.E.Br. = **C. pageae**

joubertii Lavis
C. viride Tischer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 390–580 m. WC

jucundum (N.E.Br.) N.E.Br. subsp. **fragile** (Tischer) S.A.Hammer
C. avenantii L.Bolus (8)
C. fragile Tischer (8)
C. middlemostii L.Bolus (8)
C. nordenstamii L.Bolus (8)
C. wettsteinii (A.Berger) N.E.Br. subsp. *fragile* (Tischer) S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 700–930 m. NC

jucundum (N.E.Br.) N.E.Br. subsp. **jucundum**
C. admiraalii L.Bolus (3)
C. geyeri L.Bolus (3)
C. gratum (N.E.Br.) N.E.Br. subsp. *gratum* (6)
C. jacobsenianum Tischer (6)
C. longistylum N.E.Br. (3)
C. maximum Tischer (3)
C. orbicum N.E.Br. ex Tischer (3)
C. praegratum Tischer (3)
C. rarum N.E.Br. (3)
C. robustum Tischer (3)
Mesembryanthemum gratum N.E.Br. (6)
Mesembryanthemum jucundum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 700–1100 m. N, NC

jucundum (N.E.Br.) N.E.Br. subsp. **marlothii** (N.E.Br.) S.A.Hammer
C. fraternum (N.E.Br.) N.E.Br. var. *leptanthum* (L.Bolus) L.Bolus (3)
C. gratum (N.E.Br.) N.E.Br. subsp. *marlothii* (N.E.Br.) S.A.Hammer (6)
C. leptanthum L.Bolus (3)
C. marlothii N.E.Br. (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 700–850 m. NC

jucundum (N.E.Br.) N.E.Br. subsp. **ruschii** (Schwantes) S.A.Hammer
C. ruschii Schwantes var. *obtusipetalum* L.Bolus (8)
C. ruschii Schwantes var. *ruschii* (8)
C. speciosum Tischer (8)
C. wettsteinii (A.Berger) N.E.Br. subsp. *ruschii* (Schwantes) S.A.Hammer (8)
C. wettsteinii (A.Berger) N.E.Br. var. *oculatum* L.Bolus, semi-naked name (8)
C. wettsteinii (A.Berger) N.E.Br. var. *speciosum* (Tischer) Tischer (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1200 m. NC

julii Schwantes ex H.Jacobsen = **C. uviforme** subsp. **uviforme**

kennedyi L.Bolus = **C. lithopsoides** subsp. **lithopsoides**

khamiesbergense (L.Bolus) Schwantes
Berrisfordia khamiesbergensis L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1500 m. NC

klaverense N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

klinghardtense Rawe subsp. **baradii** (Rawe) S.A.Hammer
C. hirtum Schwantes var. *baradii* Rawe (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 290–1000 m. N

klinghardtense Rawe subsp. **klinghardtense**
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1120 m. N

klipbokbergense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

komkansicum L.Bolus = **C. calculus** subsp. **calculus**

koubergense L.Bolus = **C. lithopsoides** subsp. **koubergense**

koupense Tischer = **C. truncatum** subsp. **viridicatum**

kubusanum N.E.Br.
Perennial. Succulent. Ht up to 0.05 m. Alt 300–800 m. NC

labiatum Tischer = **C. pageae**

labyrintheum (N.E.Br.) N.E.Br. = **C. minimum**

lacteum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

laetum L.Bolus var. *extractum* (Tischer) Rawe = **C. meyeri**

laetum L.Bolus var. *laetum* = **C. meyeri**

lambertense Schick & Tischer var. *conspicuum* Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

lambertense Schick & Tischer var. *lambertense* = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

lambertense Schick & Tischer var. *rolfii* (de Boer) Rawe = **C. obcordellum** subsp. **rolfii**

largum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

latum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

lavisianum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

lavranosii Rawe var. *cuneatum* Rawe = **C. taylorianum** subsp. **taylorianum**

lavranosii Rawe var. *lavranosii* = **C. taylorianum** subsp. **taylorianum**

laxipetalum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

leightoniae L.Bolus = **C. piluliforme** subsp. **piluliforme**

leipoldtii N.E.Br. = **C. minusculum** subsp. **leipoldtii**

lekkersingense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

leopardinum L.Bolus = **C. meyeri**

leptanthum L.Bolus = **C. jucundum** subsp. **marlothii**

leucanthum Lavis = **C. bilobum** subsp. **bilobum** var. **bilobum**

leucanthum Lavis var. *multipetalum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

leviculum (N.E.Br.) N.E.Br. = **C. minimum**

lilianum Littlew. = **C. pellucidum** subsp. **pellucidum** var. **lilianum**

limbatum N.E.Br. = **C. ectypum** subsp. **ectypum**

limpidum S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1100 m. NC

lindenianum Lavis & S.A.Hammer = **C. tantillum** subsp. **lindenianum**

linearilucidum L.Bolus = **C. bilobum** subsp. **bilobum** var. **linearilucidum**

literatum N.E.Br., semi-naked name = **C. minimum**

lithopsoides L.Bolus subsp. *arthurolfago* S.A.Hammer = **C. arthurolfago**

lithopsoides L.Bolus subsp. **boreale** (L.Bolus) S.A.Hammer
C. boreale L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 710–960 m. NC

lithopsoides L.Bolus subsp. **koubergense** (L.Bolus) S.A.Hammer
C. koubergense L.Bolus (3)
Perennial. Succulent. Ht up to 0.023 m. Alt 1000–1200 m. NC

lithopsoides L.Bolus subsp. **lithopsoides**
C. kennedyi L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 870–1100 m. NC

litorale L.Bolus = **C. uviforme** subsp. **uviforme**

littlewoodii L.Bolus = **C. marginatum** subsp. **littlewoodii**

loeschianum Tischer
C. intermedium L.Bolus (3)
C. rubricarinatum Tischer (3)
C. saxetanum (N.E.Br.) N.E.Br. var. *loeschianum* (Tischer) Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 540–1200 m. N, NC

longibracteatum L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 300–780 m. NC

longifissum Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

longipetalum L.Bolus = **C. pageae**

longistylum N.E.Br. = **C. jucundum** subsp. **jucundum**

longitubum L.Bolus = **C. truncatum** subsp. **viridicatum**

longum N.E.Br.
C. rawei G.D.Rowley (3)
Ophthalmophyllum fulleri Lavis (6)
Ophthalmophyllum longitubum L.Bolus (3)
Ophthalmophyllum longum (N.E.Br.) Tischer (6)
Ophthalmophyllum schlechteri Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 860–1150 m. NC

lucipunctum N.E.Br. = **C. subfenestratum**

luckhoffii Lavis
C. edwardsiae Lavis (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 100–980 m. WC

luiseae Schwantes = **C. bilobum** subsp. **altum**

luiseae Schwantes var. *papillatum* L.Bolus, semi-naked name = **C. bilobum** subsp. **altum**

luteolum L.Bolus var. *luteolum* = **C. flavum** subsp. **novicium**

luteolum L.Bolus var. *macrostigma* L.Bolus = **C. flavum** subsp. **novicium**

luteum N.E.Br. = **C. flavum** subsp. **flavum**

lydiae (H.Jacobsen) G.D.Rowley
C. spathulatum (L.Bolus) G.D.Rowley (3)
Ophthalmophyllum lydiae H.Jacobsen (3)
Ophthalmophyllum spathulatum L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 950–1140 m. NC

marginatum Lavis subsp. **haramoepense** (L.Bolus) S.A.Hammer
C. haramoepense L.Bolus, as '*karmoepense*'(8)
C. marginatum Lavis var. *haramoepense* (L.Bolus) Rawe, as '*karmoepense*' (8)
C. senarium L.Bolus (8)
C. triebneri Schwantes (8)
Ophthalmophyllum haramoepense L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 940–1200 m. NC

marginatum Lavis subsp. **littlewoodii** (L.Bolus) S.A. Hammer
C. littlewoodii L.Bolus (8)
C. marginatum Lavis var. *littlewoodii* (L.Bolus) Rawe (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–1200 m. N, NC

marginatum Lavis subsp. **marginatum**
Perennial. Succulent. Ht up to 0.03 m. Alt 940–1200 m. NC

marginatum Lavis var. *eenkokerense* (L.Bolus) Rawe = **C. tantillum** subsp. **eenkokerense**

marginatum Lavis var. *haramoepense* (L.Bolus) Rawe = **C. marginatum** subsp. **haramoepense**

marginatum Lavis var. *littlewoodii* (L.Bolus) Rawe = **C. marginatum** subsp. **littlewoodii**

markoetterae Schwantes = **C. bilobum** subsp. **bilobum** var. **bilobum**

marlothii N.E.Br. = **C. jucundum** subsp. **marlothii**

maughanii N.E.Br. subsp. **armeniacum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–1000 m. NC

maughanii N.E.Br. subsp. **latum** (Tischer) S.A.Hammer
C. discrepans G.D.Rowley forma *discrepans* (3)
C. discrepans G.D.Rowley forma *rubrum* (Tischer) G.D.Rowley (3)
C. noctiflorum (L.Bolus) G.D.Rowley (3)
Ophthalmophyllum latum Tischer forma *latum* (3)
Ophthalmophyllum latum Tischer forma *rubrum* (Tischer) G.D.Rowley (3)
Ophthalmophyllum noctiflorum L.Bolus (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 740–1200 m. NC

maughanii N.E.Br. subsp. **maughanii**
C. rufescens N.E.Br. (3)
Ophthalmophyllum maughanii (N.E.Br.) Schwantes (3)

Ophthalmophyllum rufescens (N.E.Br.) Tischer (6)
Ophthalmophyllum schuldtii Schwantes (6)
Perennial. Succulent. Ht up to 0.01 m. Alt 950–1200 m. NC

maximum Tischer = **C. jucundum** subsp. **jucundum**

meleagris L.Bolus = **C. uviforme** subsp. **uviforme**

membranaceum L.Bolus = **C. breve**

meridianum L.Bolus var. *meridianum* = **C. pellucidum** subsp. **cupreatum**

meridianum L.Bolus var. *pulverulentum* L.Bolus = **C. pellucidum** subsp. **cupreatum**

meyerae Schwantes forma *alatum* Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

meyerae Schwantes forma *apiculatum* (N.E.Br.) Tischer, invalid combination = **C. bilobum** subsp. **bilobum** var. **bilobum**

meyerae Schwantes forma *asperulum* (L.Bolus) H.Jacobsen = **C. bilobum** subsp. **bilobum** var. **bilobum**

meyerae Schwantes forma *meyerae* = **C. bilobum** subsp. **bilobum** var. **bilobum**

meyerae Schwantes forma *pole-evansii* (N.E.Br.) Tischer, invalid combination = **C. bilobum** subsp. **bilobum** var. **bilobum**

meyeri N.E.Br.
C. candidum L.Bolus (3)
C. corculum Schwantes (3)
C. ecarinatum L.Bolus var. *candidum* (L.Bolus) Rawe (3)
C. extractum Tischer (3)
C. globuliforme Schick & Tischer (3)
C. laetum L.Bolus var. *extractum* (Tischer) Rawe (3)
C. laetum L.Bolus var. *laetum* (3)
C. leopardinum L.Bolus (3)
C. meyeri N.E.Br. var. *globuliforme* (Schick & Tischer) Rawe (3)
C. meyeri N.E.Br. var. *meyeri* forma *semilunulum* (Tischer) Rawe (3)
C. meyeri N.E.Br. var. *quinarium* L.Bolus (3)
C. meyeri N.E.Br. var. *ramosum* (Lavis) Rawe (3)
C. microstoma L.Bolus (3)
C. nanum Tischer (3)
C. niveum L.Bolus (3)
C. ovigerum Schwantes (3)
C. papillatum L.Bolus (6)
C. puberulum Lavis (3)
C. ramosum Lavis (3)
C. retusum N.E.Br. (3)
C. semilunulum Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 130–980 m. NC

meyeri N.E.Br. var. *globuliforme* (Schick & Tischer) Rawe = **C. meyeri**

meyeri N.E.Br. var. *meyeri* forma *semilunulum* (Tischer) Rawe = **C. meyeri**

meyeri N.E.Br. var. *quinarium* L.Bolus = **C. meyeri**

meyeri N.E.Br. var. *ramosum* (Lavis) Rawe = **C. meyeri**

microstoma L.Bolus = **C. meyeri**

middlemostii L.Bolus = **C. jucundum** subsp. **fragile**

minimum (Haw.) N.E.Br.
C. albifissum Tischer (3)
C. batesii N.E.Br. (3)
C. brevilineatum Tischer (3)
C. labyrintheum (N.E.Br.) N.E.Br. (3)
C. leviculum (N.E.Br.) N.E.Br. (3)
C. literatum N.E.Br., semi-naked name (3)
C. notatum N.E.Br. (3)
C. obmetale (N.E.Br.) N.E.Br. (3)
C. pauxillum (N.E.Br.) N.E.Br. (3)
C. perpusillum (Haw.) N.E.Br. (3)
C. petraeum N.E.Br. (3)
C. pictum (N.E.Br.) N.E.Br. (3)
C. polulum N.E.Br. (3)
C. praecinctum N.E.Br. (3)
C. pusillum (N.E.Br.) N.E.Br. (3)
C. radiatum Tischer (3)
C. scitulum (N.E.Br.) N.E.Br. (3)
C. signatum (N.E.Br.) N.E.Br. (3)
C. vagum N.E.Br. (3)
C. wittebergense de Boer (3)
Mesembryanthemum labyrintheum N.E.Br. (3)
Mesembryanthemum leviculum N.E.Br. (3)
Mesembryanthemum minimum Haw. (6)
Mesembryanthemum obmetale N.E.Br. (3)
Mesembryanthemum pauxillum N.E.Br. (3)
Mesembryanthemum perpusillum Haw. (3)
Mesembryanthemum pictum N.E.Br. (3)
Mesembryanthemum pusillum N.E.Br. (3)
Mesembryanthemum scitulum N.E.Br. (3)
Mesembryanthemum signatum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC

minusculum (N.E.Br.) N.E.Br. subsp. **aestiflorens** S.A.Hammer & T.C.Smale
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–2050 m. WC

minusculum (N.E.Br.) N.E.Br. subsp. **leipoldtii** (N.E.Br.) S.A.Hammer
C. leipoldtii N.E.Br. (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 980–1300 m. WC

minusculum (N.E.Br.) N.E.Br. subsp. **minisculum**
C. herrei Schwantes (3)
C. minusculum (N.E.Br.) N.E.Br. var. *paucilineatum* Rawe (3)
C. minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *reticulatum* (3)
C. minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *roseum* (G.D.Rowley) G.D.Rowley (3)
C. minusculum (N.E.Br.) N.E.Br. var. *roseum* (G.D.Rowley) Tischer (3)
C. reticulatum L.Bolus (3)
C. reticulatum L.Bolus forma *roseum* G.D.Rowley (3)
Mesembryanthemum minisculum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 800–1400 m. WC

minusculum (N.E.Br.) N.E.Br. var. *paucilineatum* Rawe = **C. minusculum** subsp. **minisculum**

minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *reticulatum* = **C. minusculum** subsp. **minisculum**

minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *roseum* (G.D.Rowley) G.D.Rowley = **C. minusculum** subsp. **minisculum**

minusculum (N.E.Br.) N.E.Br. var. *roseum* (G.D.Rowley) Tischer = **C. minusculum** subsp. **minisculum**

minutiflorum (Schwantes) N.E.Br. = **C. pageae**

minutum (Haw.) N.E.Br. forma *sellatum* (Tischer) Rawe = **C. minutum** var. **minutum**

minutum (Haw.) N.E.Br. var. **minutum**
C. braunsii Tischer (6)
C. glabrum Tischer (6)
C. minutum (Haw.) N.E.Br. forma *sellatum* (Tischer) Rawe (3)
C. minutum (Haw.) N.E.Br. var. *laxum* Lavis (3)
C. minutum (Haw.) N.E.Br. var. *sellatum* (Tischer) Boom (3)
C. sellatum Tischer (3)
C. tubatum Tischer (6)
Mesembryanthemum minutum Haw. (3)

Perennial. Succulent. Ht up to 0.03 m. Alt 30–580 m. NC, WC

minutum (Haw.) N.E.Br. var. *laxum* Lavis = **C. minutum** var. **minutum**

minutum (Haw.) N.E.Br. var. **nudum** (Tischer) Boom
C. nudum Tischer (8)
Perennial. Succulent. Ht up to 0.05 m. Alt 120–350 m. WC

minutum (Haw.) N.E.Br. var. **pearsonii** (N.E.Br.) Boom
C. pearsonii N.E.Br. var. *latisectum* L.Bolus (8)
C. pearsonii N.E.Br. var. *minor* N.E.Br. (8)
C. pearsonii N.E.Br. var. *pearsonii* (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 120–580 m. NC, WC

minutum (Haw.) N.E.Br. var. *sellatum* (Tischer) Boom = **C. minutum** var. **minutum**

mirabile A.R.Mitch. & S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 1100–1340 m. NC

misellum N.E.Br. = **C. saxetanum**

miserum N.E.Br. = **C. hians**

modestum L.Bolus = **C. quaesitum** subsp. **quaesitum** var. **quaesitum**

morganii Lavis = **C. truncatum** subsp. **truncatum** var. **truncatum**

muirii N.E.Br. = **C. truncatum** subsp. **viridicatum**

multicolor Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

multipunctatum Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

mundum N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

muscosipapillatum Lavis = **C. bilobum** subsp. **bilobum** var. **muscosipapillatum**

namibense N.E.Br. = **C. saxetanum**

namiesicum L.Bolus = **C. calculus** subsp. **vanzylii**

nanum Tischer = **C. meyeri**

nelianum Schwantes = **C. bilobum** subsp. **bilobum** var. **bilobum**

nevillei (N.E.Br.) N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

niveum L.Bolus = **C. meyeri**

noctiflorum (L.Bolus) G.D.Rowley = **C. maughanii** subsp. **latum**

noisabisense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

nordenstamii L.Bolus = **C. jucundum** subsp. **fragile**

notabile N.E.Br. = **C. frutescens**

notatum N.E.Br. = **C. minimum**

novellum N.E.Br. = **C. truncatum** subsp. **viridicatum**

novicium N.E.Br. = **C. flavum** subsp. **novicium**

nudum Tischer = **C. minutum** var. **nudum**

nutaboiense Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

obconellum (Haw.) Schwantes = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. subsp. **obcordellum** var. **ceresianum** (L.Bolus) S.A.Hammer
C. ceresianum L.Bolus (6)
C. ceresianum L.Bolus var. *divergens* (L.Bolus) Rawe (6)
Perennial. Succulent. Ht up to 0.05 m. Alt 650–900 m. WC

obcordellum (Haw.) N.E.Br. subsp. **obcordellum** var. **obcordellum**
C. declinatum L.Bolus (3)
C. divergens L.Bolus (6)
C. germanum N.E.Br. (3)
C. giftbergense Tischer (6)
C. impressum Tischer (3)
C. klaverense N.E.Br. (3)
C. lambertense Schick & Tischer var. *conspicuum* Rawe (3)
C. lambertense Schick & Tischer var. *lambertense* (3)
C. longifissum Tischer (6)
C. multicolor Tischer (3)
C. mundum N.E.Br. (3)
C. nevillei (N.E.Br.) N.E.Br. (3)
C. obconellum (Haw.) Schwantes (3)
C. obcordellum (Haw.) N.E.Br. var. *germanum* (N.E.Br.) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *mundum* (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *picturatum* (N.E.Br.) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *stayneri* (L.Bolus) Rawe (6)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *ursprungianum* (Tischer) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *declinatum* (L.Bolus) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *multicolor* (Tischer) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *picturatum* (N.E.Br.) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *parvipetalum* (N.E.Br.) Tischer (3)
C. parviflorum N.E.Br. (3)
C. parviflorum N.E.Br. var. *impressum* (Tischer) Tischer (6)
C. parvipetalum (N.E.Br.) N.E.Br. (3)
C. picturatum N.E.Br. (3)
C. spectabile Lavis (3)
C. ursprungianum Tischer var. *stayneri* L.Bolus (6)
C. ursprungianum Tischer var. *ursprungianum* (3)
Mesembryanthemum nevillei N.E.Br. (3)
Mesembryanthemum obconellum Haw. (3)
Mesembryanthemum obcordellum Haw. (3)
Mesembryanthemum parvipetalum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1650 m. NC, WC

obcordellum (Haw.) N.E.Br. subsp. **rolfii** (de Boer) S.A.Hammer
C. lambertense Schick & Tischer var. *rolfii* (de Boer) Rawe (3)
C. rolfii de Boer (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 20–180 m. WC

obcordellum (Haw.) N.E.Br. subsp. **stenandrum** (L.Bolus) S.A.Hammer
C. stenandrum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 450–1150 m. NC, WC

obcordellum (Haw.) N.E.Br. var. *germanum* (N.E.Br.) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *mundum* = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *picturatum* (N.E.Br.) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *stayneri* (L.Bolus) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma *ursprungianum* (Tischer) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *declinatum* (L.Bolus) Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *multicolor* (Tischer) Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *picturatum* (N.E.Br.) Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *parvipetalum* (N.E.Br.) Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

obmetale (N.E.Br.) N.E.Br. = **C. minimum**

obovatum Lavis var. *obovatum* = **C. globosum**

obovatum Lavis var. *obtusum* L.Bolus = **C. globosum**

obscurum N.E.Br. subsp. **barbatum** (L.Bolus) S.A.Hammer
C. barbatum L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–980 m. NC

obscurum N.E.Br. subsp. **obscurum**
C. clavatum L.Bolus (3)
C. indutum L.Bolus (6)
C. pulchellum Tischer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–1000 m. NC

obscurum N.E.Br. subsp. **sponsaliorum** (S.A.Hammer) S.A.Hammer
C. bachelorum S.A.Hammer subsp. *sponsaliorum* S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.02 m. Alt ± 680 m. NC

obscurum N.E.Br. subsp. **vitreopapillum** (Rawe) S.A.Hammer
C. vitreopapillum Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–650 m. NC

obtusum N.E.Br. var. *amplum* (L.Bolus) Rawe = **C. bilobum** subsp. **bilobum** var. **bilobum**

obtusum N.E.Br. var. *obtusum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

occultum L.Bolus = **C. uviforme** subsp. **decoratum**

odoratum (N.E.Br.) N.E.Br. = **C. ficiforme**

orbicum N.E.Br. ex Tischer = **C. jucundum** subsp. **jucundum**

orientale L.Bolus = **C. truncatum** subsp. **truncatum** var. **truncatum**

ornatum Lavis = **C. flavum** subsp. **flavum**

ovatum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ovigerum Schwantes = **C. meyeri**

pageae (N.E.Br.) N.E.Br.
C. aequatum L.Bolus (3)
C. breve N.E.Br. var. *minutiflorum* (Schwantes) Rawe (3)
C. calculus (A.Berger) N.E.Br. var. *protusum* L.Bolus (3)
C. forresteri L.Bolus (3)
C. johannis-winkleri (Dinter & Schwantes) N.E.Br. (3)
C. labiatum Tischer (3)
C. longipetalum L.Bolus (3)
C. minutiflorum (Schwantes) N.E.Br. (3)
C. pageae (N.E.Br.) N.E.Br. var. *albiflorum* Rawe (3)
C. pauperae L.Bolus (3)
C. poellnitzianum Schwantes (3)
C. productum L.Bolus (3)
C. schickianum Tischer (3)
C. subrisum (N.E.Br.) N.E.Br. (3)
C. tenuisectum L.Bolus (3)
C. thudichumii L.Bolus (3)
C. udabibense Loesch & Tischer (3)
Mesembryanthemum johannis-winkleri Dinter & Schwantes (3)
Mesembryanthemum pageae N.E.Br. (3)
Mesembryanthemum subrisum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 350–700 m. NC, WC

pageae (N.E.Br.) N.E.Br. var. *albiflorum* Rawe = **C. pageae**

pageae (N.E.Br.) N.E.Br. var. *pygmaeum* (Schick & Tischer) Rawe in sense of Rawe = **C. stevensjonesianum**

pallidum (N.E.Br.) N.E.Br. = **C. ficiforme**

papillatum L.Bolus = **C. meyeri**

pardicolor Tischer = **C. pellucidum** subsp. **pellucidum**

pardivisum Tischer = **C. uviforme** subsp. **uviforme**

parviflorum N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

parviflorum N.E.Br. var. *impressum* (Tischer) Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

parvimarinum L.Bolus = **C. hians**

parvipetalum (N.E.Br.) N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

parvipunctum Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

parvulum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

paucipunctum Tischer = **C. breve**

pauperae L.Bolus = **C. pageae**

pauxillum (N.E.Br.) N.E.Br. = **C. minimum**

pearsonii N.E.Br. var. *latisectum* L.Bolus = **C. minutum** var. **pearsonii**

pearsonii N.E.Br. var. *minor* N.E.Br. = **C. minutum** var. **pearsonii**

pearsonii N.E.Br. var. *pearsonii* = **C. minutum** var. **pearsonii**

peersii Lavis var. *multipunctatum* (Tischer) Rawe = **C. truncatum** subsp. **truncatum** var. **truncatum**

peersii Lavis var. *peersii* = **C. truncatum** subsp. **truncatum** var. **truncatum**

pellucidum Schwantes subsp. **cupreatum** (Tischer) S.A.Hammer var. **cupreatum**
C. astylum L.Bolus (3)
C. cupreatum Tischer (3)
C. meridianum L.Bolus var. *meridianum* (3)
C. meridianum L.Bolus var. *pulverulentum* L.Bolus (3)

Perennial. Succulent. Ht up to 0.04 m. Alt 870–1050 m. NC

pellucidum Schwantes subsp. **cupreatum** (Tischer) S.A.Hammer var. **terrestre** (Tischer) S.A.Hammer
C. terrestre Tischer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 870–950 m. NC

pellucidum Schwantes subsp. **pellucidum** var. **lilianum** (Littlew.) S.A.Hammer
C. lilianum Littlew. (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 420–600 m. NC

pellucidum Schwantes subsp. **pellucidum** var. **neohallii** S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1050 m. NC

pellucidum Schwantes subsp. **pellucidum** var. **pellucidum**
C. areolatum Littlew. (3)
C. elegans N.E.Br. (3)
C. fenestratum Schwantes (3)
C. pardicolor Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1050 m. NC

pellucidum Schwantes subsp. **pellucidum** var. **tericolor** (Tischer) Littlew. ex S.A.Hammer
C. tericolor Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1150 m. NC

pellucidum Schwantes subsp. **saueri** S.A.Hammer & T.C.Smale
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1150 m. NC

percrassum Schick & Tischer = **C. flavum** subsp. **flavum**

permaculatum Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

perpusillum (Haw.) N.E.Br. = **C. minimum**

petraeum N.E.Br. = **C. minimum**

philippi L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

phoeniceum S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–800 m. NC

pictum (N.E.Br.) N.E.Br. = **C. minimum**

picturatum N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

pillansii Lavis = **C. subfenestratum**

piluliforme (N.E.Br.) N.E.Br. subsp. **edwardii** (Schwantes) S.A.Hammer
C. edwardii Schwantes (3)
C. rubrum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 500–650 m. WC

piluliforme (N.E.Br.) N.E.Br. subsp. **piluliforme**
C. advenum N.E.Br. (3)
C. aggregatum (Haw. cx N.E.Br.) N.E.Br. (3)
C. archeri Lavis var. *archeri* (3)
C. brevipetalum Lavis (3)
C. etaylorii Schwantes (3)
C. leightoniae L.Bolus (3)
C. piluliforme (N.E.Br.) N.E.Br. var. *advenum* (N.E.Br.) Rawe (3)
C. piluliforme (N.E.Br.) N.E.Br. var. *brevipetalum* (Lavis) Rawe (3)
C. subconfusum Tischer (3)
Mesembryanthemum aggregatum Haw. ex N.E.Br. (3)
Mesembryanthemum piluliforme N.E.Br. (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 390–600 m. WC

piluliforme (N.E.Br.) N.E.Br. var. *advenum* (N.E.Br.) Rawe = **C. piluliforme** subsp. **piluliforme**

piluliforme (N.E.Br.) N.E.Br. var. *brevipetalum* (Lavis) Rawe = **C. piluliforme** subsp. **piluliforme**

piriforme L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

pisinnum N.E.Br. = **C. truncatum** subsp. **viridicatum**

placitum (N.E.Br.) N.E.Br. var. *placitum* = **C. ficiforme**

placitum (N.E.Br.) N.E.Br. var. *pubescens* Littlew. = **C. ficiforme**

plenum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

pluriforme L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

poellnitzianum Schwantes = **C. pageae**

pole-evansii N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

polulum N.E.Br. = **C. minimum**

polyandrum Lavis = **C. velutinum** subsp. **polyandrum**

praecinctum N.E.Br. = **C. minimum**

praecox N.E.Br. = **C. fraternum**

praegratum Tischer = **C. jucundum** subsp. **jucundum**

praeparvum N.E.Br. var. *praeparvum* = **C. uviforme** subsp. **uviforme**

praeparvum N.E.Br. var. *roseum* Lavis = **C. uviforme** subsp. **uviforme**

praesectum N.E.Br.
Ophthalmophyllum praesectum (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1150 m. NC

primosii Lavis = **C. roodiae**

productum L.Bolus = **C. pageae**

prolongatum L.Bolus = **C. uviforme** subsp. **uviforme**

proximum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

puberulum Lavis = **C. meyeri**

pubescens (Tischer) G.D.Rowley
Ophthalmophyllum pubescens Tischer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1100 m. NC

pubicalyx Lavis
Perennial. Succulent. Ht up to 0.02 m. Alt 600–1070 m. NC

pulchellum Tischer = **C. obscurum** subsp. **obscurum**

pumilum N.E.Br. = **C. breve**

purpusii (Schwantes) N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

pusillum (N.E.Br.) N.E.Br. = **C. minimum**

pygmaeum Schick & Tischer = **C. breve**

quaesitum (N.E.Br.) N.E.Br. subsp. **densipunctum** (L.Bolus) S.A.Hammer

C. densipunctum L.Bolus (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 1050–1200 m. N

quaesitum (N.E.Br.) N.E.Br. subsp. **quaesitum** var. **quaesitum**
C. modestum L.Bolus (6)
C. quartziticum Tischer (3)
Mesembryanthemum quaesitum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1200 m. NC

quaesitum (N.E.Br.) N.E.Br. subsp. **quaesitum** var. **rostratum** (Tischer) S.A.Hammer
C. rostratum Tischer (6)
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1200 m. NC

quartziticum Tischer = **C. quaesitum** subsp. **quaesitum** var. **quaesitum**

radiatum Tischer = **C. minimum**

ramosum Lavis = **C. meyeri**

rarum N.E.Br. = **C. jucundum** subsp. **jucundum**

ratum S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 800–950 m. NC

rauhii Tischer = **C. uviforme** subsp. **rauhii**

rawei G.D.Rowley = **C. longum**

recisum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

reconditum A.R.Mitch. subsp. **buysianum** (A.R.Mitch. & S.A.Hammer) S.A.Hammer
C. buysianum A.R.Mitch. & S.A.Hammer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 980–1100 m. NC

reconditum A.R.Mitch. subsp. **reconditum**
Perennial. Succulent. Ht up to 0.02 m. Alt 430–1150 m. NC

regale Lavis
Perennial. Succulent. Ht up to 0.04 m. Alt 950–1150 m. NC

renniei Lavis = **C. truncatum** subsp. **truncatum** var. **truncatum**

renominatum G.D.Rowley = **C. friedrichiae**

reticulatum L.Bolus = **C. minusculum** subsp. **miniscu-lum**

reticulatum L.Bolus forma *roseum* G.D.Rowley = **C. minusculum** subsp. **minisculum**

retusum N.E.Br. = **C. meyeri**

ricardianum Loesch & Tischer subsp. **ricardianum**
Perennial. Succulent. Ht up to 0.04 m. Alt 690–970 m. N

ricardianum Loesch & Tischer subsp. **rubriflorum** Tischer
Perennial. Succulent. Ht up to 0.04 m. Alt 650–1050 m. N

robustum Tischer = **C. jucundum** subsp. **jucundum**

rolfii de Boer = **C. obcordellum** subsp. **rolfii**

roodiae N.E.Br. subsp. **corrugatum** T.C.Smale
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC

roodiae N.E.Br. subsp. **cylindratum** (Schwantes) T.C.Smale
C. cylindratum Schwantes (8)
C. cylindratum Schwantes var. *primosii* (Lavis) Rawe (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 650–1100 m. NC

roodiae N.E.Br. subsp. **roodiae**
C. hallii L.Bolus (3)
C. primosii Lavis (3)
C. rubroniveum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC

roodiae N.E.Br. subsp. **sanguineum** (S.A.Hammer) T.C.Smale
C. rugosum S.A.Hammer subsp. *sanguineum* S.A.Hammer (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC

rooipanense L.Bolus = **C. uviforme** subsp. **uviforme**

rostratum Tischer = **C. quaesitum** subsp. **quaesitum** var. **rostratum**

rubricarinatum Tischer = **C. loeschianum**

rubristylosum Tischer = **C. flavum** subsp. **novicium**

rubrolineatum Rawe = **C. swanepoelianum** subsp. **rubrolineatum**

rubroniveum L.Bolus = **C. roodiae** subsp. **roodiae**

rubrum L.Bolus = **C. piluliforme** subsp. **edwardii**

rufescens N.E.Br. = **C. maughanii** subsp. **maughanii**

rugosum S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 200–1200 m. NC, WC

rugosum S.A.Hammer subsp. *sanguineum* S.A.Hammer = **C. roodiae** subsp. **sanguineum**

ruschii Schwantes var. *obtusipetalum* L.Bolus = **C. jucundum** subsp. **ruschii**

ruschii Schwantes var. *ruschii* = **C. jucundum** subsp. **ruschii**

salmonicolor L.Bolus = **C. frutescens**

saxetanum (N.E.Br.) N.E.Br.
C. exiguum N.E.Br. (3)
C. graessneri Tischer (3)
C. misellum N.E.Br. (3)
C. namibense N.E.Br. (6)
C. saxetanum (N.E.Br.) N.E.Br. forma *hallianum* G.D.Rowley (3)
C. saxetanum (N.E.Br.) N.E.Br. var. *misellum* (N.E.Br.) Rawe (3)
C. vescum N.E.Br. (3)
Mesembryanthemum saxetanum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.04 m. Alt 20–1125 m. N, NC

saxetanum (N.E.Br.) N.E.Br. forma *hallianum* G.D.Rowley = **C. saxetanum**

saxetanum (N.E.Br.) N.E.Br. var. *loeschianum* (Tischer) Rawe = **C. loeschianum**

saxetanum (N.E.Br.) N.E.Br. var. *misellum* (N.E.Br.) Rawe = **C. saxetanum**

schickianum Tischer = **C. pageae**

schlechteri Schwantes
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1050 m. NC

schwantesii G.D.Rowley = **C. friedrichiae**

scitulum (N.E.Br.) N.E.Br. = **C. minimum**

sellatum Tischer = **C. minutum** var. **minutum**

semilunulum Tischer = **C. meyeri**

semivestitum L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt? NC

senarium L.Bolus = **C. marginatum** subsp. **haramoepense**

signatum (N.E.Br.) N.E.Br. = **C. minimum**

simile N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

simplum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

singulare G.D.Rowley = **C. caroli**

sitzlerianum Schwantes = **C. bilobum** subsp. **bilobum** var. **bilobum**

smithersii L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

smorenskaduense de Boer
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1190 m. NC

smorenskaduense de Boer subsp. *hermarium* S.A.Hammer = **C. hermarium**

sororium N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

spathulatum (L.Bolus) G.D.Rowley = **C. lydiae**

speciosum Tischer = **C. jucundum** subsp. **ruschii**

spectabile Lavis = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

spirale N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

springbokense N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

stegmannianum L.Bolus = **C. truncatum** subsp. **truncatum** var. **truncatum**

stenandrum L.Bolus = **C. obcordellum** subsp. **stenandrum**

stephanii Schwantes subsp. *abductum* S.A.Hammer = **C. stephanii** subsp. **stephanii**

stephanii Schwantes subsp. **helmutii** (Lavis) S.A.Hammer
C. helmutii Lavis (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1150 m. NC

stephanii Schwantes subsp. **stephanii**
C. stephanii Schwantes subsp. *abductum* S.A.Hammer (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 600–1169 m. NC

stevens-jonesianum L.Bolus
C. pageae (N.E.Br.) N.E.Br. var. *pygmaeum* (Schick & Tischer) Rawe in sense of Rawe (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 500–1110 m. NC

steytlervillense Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

stipitatum L.Bolus = **C. uviforme** subsp. **uviforme**

strictum L.Bolus var. *inaequale* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

strictum L.Bolus var. *strictum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

stylosum (N.E.Br.) Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**

subacutum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

subconfusum Tischer = **C. piluliforme** subsp. **piluliforme**

subcylindricum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

subfenestratum Schwantes
C. edithiae N.E.Br. (3)
C. lucipunctum N.E.Br. (3)
C. pillansii Lavis (3)
Ophthalmophyllum subfenestratum (Schwantes) Tischer (6)
Perennial. Succulent. Ht up to 0.005 m. Alt 180–350 m. WC

subglobosum Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

subincanum Tischer = **C. uviforme** subsp. **subincanum**

subrisum (N.E.Br.) N.E.Br. = **C. pageae**

subtenue L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

subterraneum T.C.Smale & T.Jacobs
Perennial. Succulent. Ht up to 0.02 m, when in flower. Alt 750–1100 m. NC

subtile N.E.Br. = **C. breve**

sulcatum L.Bolus = **C. ectypum** subsp. **sulcatum**

supremum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

swanepoelianum Rawe subsp. **proliferans** S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 750–980 m. NC

swanepoelianum Rawe subsp. **rubrolineatum** (Rawe) S.A.Hammer
C. rubrolineatum Rawe (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 600–850 m. NC

swanepoelianum Rawe subsp. **swanepoelianum**
Perennial. Succulent. Ht up to 0.02 m. Alt 800–1100 m. NC

tantillum N.E.Br. subsp. **amicorum** S.A.Hammer & Barnhill
Perennial. Succulent. Ht up to 0.02 m. Alt ± 850 m. NC

tantillum N.E.Br. subsp. **eenkokerense** (L.Bolus) S.A.Hammer
C. eenkokerense L.Bolus (8)
C. marginatum Lavis var. *eenkokerense* (L.Bolus) Rawe (8)
Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1150 m. NC

tantillum N.E.Br. subsp. **heleniae** (Rawe) S.A.Hammer
C. heleniae Rawe (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1150 m. NC

tantillum N.E.Br. subsp. **inexpectatum** S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 750–1000 m. NC

tantillum N.E.Br. subsp. **lindenianum** (Lavis & S.A.Hammer) S.A.Hammer
C. lindenianum Lavis & S.A.Hammer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 650–950 m. NC

tantillum N.E.Br. subsp. **tantillum**
Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1150 m. NC

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **ernianum** (Loesch & Tischer) de Boer ex S.A.Hammer
C. ernianum Loesch & Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1114 m. N

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **rosynense** S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1200 m. NC

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **taylorianum**
C. lavranosii Rawe var. *cuneatum* Rawe (3)
C. lavranosii Rawe var. *lavranosii* (3)
Mesembryanthemum taylorianum Dinter & Schwantes (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 650–1125 m. N

tectum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

teguliflorum Tischer = **C. frutescens**

tenuisectum L.Bolus = **C. pageae**

terrestre Tischer = **C. pellucidum** subsp. **cupreatum**

terricolor Tischer = **C. pellucidum** subsp. **pellucidum** var. **terricolor**

tetracarpum Lavis = **C. flavum** subsp. **flavum**

thudichumi L.Bolus = **C. pageae**

tinctum Lavis = **C. flavum** subsp. **flavum**

tischeri Schick = **C. velutinum** subsp. **velutinum**

tischleri Schwantes = **C. ectypum** subsp. **ectypum**

tomasi Halda
C. hanae Pavelka (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1300 m. NC

translucens N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

triebneri Schwantes = **C. marginatum** subsp. **haramoepense**

truncatum (Thunb.) N.E.Br. subsp. **truncatum** var. **truncatum**
C. albertense (N.E.Br.) N.E.Br. (3)
C. brevitubum Lavis (3)
C. calitzdorpense L.Bolus (6)
C. calitzdorpense Tischer (6)
C. cibdelum N.E.Br. (3)
C. morganii Lavis (3)
C. multipunctatum Tischer (3)
C. orientale L.Bolus (3)
C. parvipunctum Tischer (3)
C. peersii Lavis var. *multipunctatum* (Tischer) Rawe (3)
C. peersii Lavis var. *peersii* (3)
C. permaculatum Tischer (6)
C. purpusii (Schwantes) N.E.Br. (3)
C. renniei Lavis (3)
C. spirale N.E.Br. (3)
C. stegmannianum L.Bolus (6)
C. steytlervillense Tischer (3)
C. subglobosum Tischer (3)
C. translucens N.E.Br. (3)
C. truncatum (Thunb.) N.E.Br. var. *brevitubum* (Lavis) Tischer (3)
C. truncatum (Thunb.) N.E.Br. var. *truncatum* forma *parvipunctum* (Tischer) Tischer (3)
C. truncatum (Thunb.) N.E.Br. var. *truncatum* forma *rennei* (Lavis) Tischer (3)
C. wagneriorum Schwantes (3)
Mesembryanthemum purpusii Schwantes (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 440–950 m. NC, WC, EC

truncatum (Thunb.) N.E.Br. subsp. **truncatum** var. **wiggettiae** (N.E.Br.) Rawe
C. wiggettiae N.E.Br. (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 440–950 m. WC

truncatum (Thunb.) N.E.Br. subsp. **viridicatum** (N.E.Br.) S.A.Hammer
C. archeri Lavis var. *stayneri* L.Bolus (3)
C. catervum (N.E.Br.) N.E.Br. (3)
C. complanatum L.Bolus (3)
C. dispar N.E.Br. (3)
C. koupense Tischer (3)
C. longitubum L.Bolus (3)
C. muirii N.E.Br. (3)
C. novellum N.E.Br. (3)
C. pisinnum N.E.Br. (3)
C. viridicatum (N.E.Br.) N.E.Br. var. *pisinnum* (N.E.Br.) Rawe (6)
C. viridicatum (N.E.Br.) N.E.Br. var. *punctatum* N.E.Br. (3)
C. viridicatum (N.E.Br.) N.E.Br. var. *viridicatum* (3)
Mesembryanthemum catervum N.E.Br. (3)
Mesembryanthemum pisinnum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 550–1250 m. WC

truncatum (Thunb.) N.E.Br. var. *brevitubum* (Lavis) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

truncatum (Thunb.) N.E.Br. var. *truncatum* forma *parvipunctum* (Tischer) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

truncatum (Thunb.) N.E.Br. var. *truncatum* forma *rennei* (Lavis) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

tubatum Tischer = **C. minutum** var. **minutum**

tumidum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

tumidum N.E.Br. var. *asperulum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

turbiniforme Rawe = **C. auriflorum** subsp. **turbiniforme**

turrigerum (N.E.Br.) N.E.Br.
Mesembryanthemum turrigerum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 200–880 m. WC

udabibense Loesch & Tischer = **C. pageae**

umdausense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ursprungianum Tischer var. *stayneri* L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

ursprungianum Tischer var. *ursprungianum* = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

uviforme (Haw.) N.E.Br. forma *framesii* (Lavis) Tischer = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. forma *meleagris* (L.Bolus) Tischer = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. subsp. **decoratum** (N.E.Br.) S.A.Hammer

C. decoratum N.E.Br. (3)
C. occultum L.Bolus (3)
C. varians L.Bolus (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 20–600 m. NC, WC

uviforme (Haw.) N.E.Br. subsp. **rauhii** (Tischer) S.A.Hammer
C. rauhii Tischer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 600–820 m. NC

uviforme (Haw.) N.E.Br. subsp. **subincanum** (Tischer) S.A.Hammer
C. subincanum Tischer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 200–250 m. WC

uviforme (Haw.) N.E.Br. subsp. **uviforme**
C. clarum N.E.Br. (3)
C. colorans Lavis (3)
C. framesii Lavis (3)
C. francisci L.Bolus (3)
C. hillii L.Bolus (3)
C. julii Schwantes ex H.Jacobsen (3)
C. litorale L.Bolus (3)
C. meleagris L.Bolus (3)
C. pardivisum Tischer (3)
C. praeparvum N.E.Br. var. *praeparvum* (3)
C. praeparvum N.E.Br. var. *roseum* Lavis (3)
C. prolongatum L.Bolus (3)
C. rooipanense L.Bolus (3)
C. stipitatum L.Bolus (3)
C. uviforme (Haw.) N.E.Br. forma *framesii* (Lavis) Tischer (3)
C. uviforme (Haw.) N.E.Br. forma *meleagris* (L.Bolus) Tischer (3)
C. uviforme (Haw.) N.E.Br. var. *clarum* (N.E.Br.) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *litorale* (L.Bolus) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *occultum* (L.Bolus) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *subincanum* (Tischer) Rawe (3)
C. vanrhynsdorpense Schwantes (3)
Mesembryanthemum uviforme (Haw.) N.E.Br. (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 200–1200 m. NC

uviforme (Haw.) N.E.Br. var. *clarum* (N.E.Br.) Rawe = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. var. *litorale* (L.Bolus) Rawe = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. var. *occultum* (L.Bolus) Rawe = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. var. *subincanum* (Tischer) Rawe = **C. uviforme** subsp. **uviforme**

vagum N.E.Br. = **C. minimum**

vanbredae L.Bolus = **C. globosum**

vanheerdei Tischer
Perennial. Succulent. Ht up to 0.04 m. Alt 850–1200 m. NC

vanrhynsdorpense Schwantes = **C. uviforme** subsp. **uviforme**

vanzylii Lavis = **C. calculus** subsp. **vanzylii**

variabile L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

varians L.Bolus = **C. uviforme** subsp. **decoratum**

velutinum Schwantes subsp. **polyandrum** (Lavis) S.A.Hammer
C. polyandrum Lavis (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–540 m. NC

velutinum Schwantes subsp. **velutinum**
C. craterulum Tischer (3)
C. tischeri Schick (3)
C. velutinum Schwantes var. *craterulum* (Tischer) Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–750 m. NC

velutinum Schwantes var. *craterulum* (Tischer) Rawe = **C. velutinum** subsp. **velutinum**

verrucosum (Lavis) G.D.Rowley
Ophthalmophyllum verrucosum Lavis (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 750–880 m. NC

vescum N.E.Br. = **C. saxetanum**

violaciflorum Schick & Tischer
C. anjametae de Boer (3)
C. geometricum Lavis (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1320 m. NC

virens L.Bolus = **C. ectypum** subsp. **ectypum**

viride Tischer = **C. joubertii**

viridicatum (N.E.Br.) N.E.Br. var. *pisinnum* (N.E.Br.) Rawe = **C. truncatum** subsp. **viridicatum**

viridicatum (N.E.Br.) N.E.Br. var. *punctatum* N.E.Br. = **C. truncatum** subsp. **viridicatum**

viridicatum (N.E.Br.) N.E.Br. var. *viridicatum* = **C. truncatum** subsp. **viridicatum**

vitreopapillum Rawe = **C. obscurum** subsp. **vitreopapillum**

vlakmynense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

wagneriorum Schwantes = **C. truncatum** subsp. **truncatum** var. **truncatum**

wettsteinii (A.Berger) N.E.Br.
C. brevipes L.Bolus (3)
C. circumpunctatum Schick & Tischer (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 910–1160 m. NC

wettsteinii (A.Berger) N.E.Br. subsp. *fragile* (Tischer) S.A.Hammer = C. **jucundum** subsp. **fragile**

wettsteinii (A.Berger) N.E.Br. subsp. *francoiseae* S.A.Hammer = **C. francoiseae**

wettsteinii (A.Berger) N.E.Br. subsp. *ruschii* (Schwantes) S.A.Hammer = C. **jucundum** subsp. **ruschii**

wettsteinii (A.Berger) N.E.Br. var. *oculatum* L.Bolus, semi-naked name = **C. jucundum** subsp. **ruschii**

wettsteinii (A.Berger) N.E.Br. var. *speciosum* (Tischer) Tischer = **C. jucundum** subsp. **ruschii**

wiesemannianum Schwantes = **C. fulleri**

wiggettiae N.E.Br. = **C. truncatum** subsp. **truncatum** var. **wiggettiae**

wittebergense de Boer = **C. minimum**

CORPUSCULARIA Schwantes 2405130

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 175–178.

angustifolia (L.Bolus) H.E.K.Hartmann
Delosperma angustifolium L.Bolus (1)
Perennial. Succulent. Ht 0.04–0.05 m. Alt 600–840 m. EC

angustipetala (Lavis) H.E.K.Hartmann
Delosperma angustipetalum Lavis (1)

Perennial. Succulent. Ht up to 0.12 m. Alt? EC

appressa (L.Bolus) H.E.K.Hartmann
Delosperma appressum L.Bolus (1)
Perennial. Succulent. Ht up to 0.09 m. Alt? EC

britteniae (L.Bolus) H.E.K.Hartmann
Delosperma britteniae L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 100–340 m. EC

cymbiformis (Haw.) Schwantes
Mesembryanthemum cymbiforme Haw. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt? 'SA'

dolomitica (Dinter) Schwantes = **Antimima dolomitica**

gracilis (L.Bolus) H.E.K.Hartmann
Delosperma gracillimum L.Bolus (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 280–650 m. EC

lehmannii (Eckl. & Zeyh.) Schwantes
Delosperma lehmannii (Eckl. & Zeyh.) Schwantes (1)
Schonlandia lehmannii (Eckl. & Zeyh.) L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 140–400 m. EC

quarzitica (Dinter) Schwantes = **Antimima quarzitica**

taylori (N.E.Br.) Schwantes
Delosperma minimum Lavis (1)
Delosperma taylori (N.E.Br.) Schwantes (1)
Delosperma taylori (N.E.Br.) Schwantes var. *albanense* L.Bolus (1)
Mesembryanthemum taylori N.E.Br. (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 100–700 m. EC

CROCANTHUS L.Bolus 2405142

thunbergii (Haw.) L.Bolus = **Malephora thunbergii**

CRYOPHYTUM N.E.Br. 2405164

suaveolens (L.Bolus) J.W.Ingram = **Phyllobolus lignescens**

suffruticosum L.Bolus = **Phyllobolus suffruticosus**

CYLINDROPHYLLUM Schwantes 2405031

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 179–181.

calamiforme (L.) Schwantes
C. dyeri L.Bolus (1)
Mesembryanthemum calamiforme L. (1)
Perennial. Succulent. Ht 0.02–0.03 m. Alt 750–1050 m. EC

comptonii L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 450–1290 m. WC

dichroum (Rolfe) Schwantes = **Ruschia dichroa**

dyeri L.Bolus = **C. calamiforme**

hallii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 720–754 m. NC

obsubulatum (Haw.) Schwantes
Mesembryanthemum obsubulatum Haw. (1)
Perennial. Succulent. Ht? Alt? 'SA'

tugwelliae L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 800–1100 m. WC

DACTYLOPSIS N.E.Br. 2405032

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 102.
(2) Chesselet *et al.* 2000. In Leistner, *Strelitzia* 10: 385.
(3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 208, 209.

digitata (Aiton) N.E.Br.
Mesembryanthemum digitatum Aiton (2)
Mesembryanthemum digitatum Thunb. (2)
Mesembryanthemum digitiforme Thunb. (2)
Phyllobolus digitatus (Aiton) Gerbaulet subsp. *digitatus* (2)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 180–290 m. WC

littlewoodii L.Bolus
Phyllobolus digitatus (Aiton) Gerbaulet subsp. *littlewoodii* (L.Bolus) Gerbaulet (2)
Perennial. Succulent. Ht up to 0.1 m. Alt 180–290 m. WC

DEILANTHE N.E.Br. 2405165

(1) Hammer. 1995. *Cactus and Succulent Journal (U.S.)* 67: 173.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 182, 183.

hilmarii (L.Bolus) H.E.K.Hartmann
Aloinopsis hilmarii (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht 0.025–0.03 m. Alt 750–1330 m. WC

peersii (L.Bolus) N.E.Br.
Aloinopsis peersii (L.Bolus) L.Bolus (2)
Mesembryanthemum canum A.Berger (2)
Nananthus peersii L.Bolus (2)
Perennial. Succulent. Ht 0.02–0.035 m. Alt 850–1400 m. FS, WC, EC

thudichumii (L.Bolus) S.A.Hammer
Aloinopsis thudichumii L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1300 m. NC, WC

DELOSPERMA N.E.Br. emend. Lavis 2405033

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 259, 261, 278.
(2) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 419.
(3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1023, 1024.
(4) Lavis. 1966. *Journal of South African Botany* 32: 209, 210.
(5) Hammer & Barnhill. 1997. *Bradleya* 15: 46.
(6) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
(7) Smith *et al.* 1999. *Flowering Plants of Africa* 56: 46–52, t. 2149.
(8) Hartmann. 2001. *Aloe* 38: 4–12.
(9) Hartmann 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 184–210.

aberdeenense (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt ± 1067 m. EC

acocksii L.Bolus
D. acocksii L.Bolus var. *luxurians* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.16 m. Alt 1200–1600 m. NC

acocksii L.Bolus var. *luxurians* L.Bolus = **D. acocksii**

acuminatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 250–830 m. EC

adelaidense Lavis
Perennial. Dwarf shrub, succulent. Ht? Alt 420–950 m. EC

aereum (L.Bolus) L.Bolus
D. aereum (L.Bolus) L.Bolus var. *album* (L.Bolus) L.Bolus (9)

Perennial. Succulent. Ht? Alt? 'CP'

aereum (L.Bolus) L.Bolus var. *album* (L.Bolus) L.Bolus = **D. aereum**

affine Lavis
Perennial. Succulent. Ht 0.12–0.3 m. Alt? 'SA'

algoense L.Bolus
Perennial. Dwarf shrub, succulent. Ht? Alt? EC

aliwalense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 1400–1700 m. EC

alticola L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt 3000–3300 m. KZN

angustifolium L.Bolus = **Corpuscularia angustifolia**

angustipetalum Lavis = **Corpuscularia angustipetala**

annulare L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.04–0.12 m. Alt 2000–2330 m. M

appressum L.Bolus = **Corpuscularia appressum**

ashtonii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt 1600–3400 m. FS, KZN, L

asperulum (Salm-Dyck) L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.3–0.8 m. Alt 91–300 m. WC

ausense L.Bolus = **D. klinghardtianum**

basuticum L.Bolus
Perennial. Succulent. Ht up to 0.055 m. Alt 3000–3400 m. L

brevipetalum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m, when in flower. Alt 250–900 m. EC

brevisepalum L.Bolus
D. brevisepalum L.Bolus var. *majus* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt ± 1220 m. EC

brevisepalum L.Bolus var. *majus* L.Bolus = **D. brevisepalum**

britteniae L.Bolus = **Corpuscularia britteniae**

brunnthaleri (A.Berger) Schwantes
Perennial. Dwarf shrub, succulent. Ht 0.3–0.4 m. Alt 120–580 m. EC

burtoniae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 300–550 m. WC

caespitosum L.Bolus
D. caespitosum L.Bolus forma *roseum* (L.Bolus) L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 20–610 m. KZN, EC

caespitosum L.Bolus forma *roseum* (L.Bolus) L.Bolus = **D. caespitosum**

calitzdorpense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 270–1200 m. WC

calycinum L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt ± 305 m. EC

carolinense N.E.Br.
D. carolinense N.E.Br. var. *compacta* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht 0.06–0.14 m. Alt ± 1700 m. M, FS

carolinense N.E.Br. var. *compacta* L.Bolus = **D. carolinense**

carterae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 365–915 m. EC

clavipes Lavis
Perennial. Succulent. Ht up to 0.05 m. Alt 1600–3400 m. FS, L

cloeteae Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 520–980 m. EC

concavum L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt 610–1520 m. KZN, L, EC

congestum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.13 m. Alt up to 3400 m. FS, KZN, L

cooperi (Hook.f.) L.Bolus
D. cooperi (Hook.f.) L.Bolus forma *bicolor* (L.Bolus) G.D.Rowley (9)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt 1350–2745 m. FS, L

cooperi (Hook.f.) L.Bolus forma *bicolor* (L.Bolus) G.D.Rowley = **D. cooperi**

crassuloides (Haw.) L.Bolus
Perennial. Succulent. Ht up to 0.055 m. Alt 1450–3200 m. FS, KZN, L, EC

crassum L.Bolus
Drosanthemum robustum L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 200–350 m. WC

cronemeyerianum (A.Berger) H.Jacobsen
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt? 'SA'

davyi N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt ± 1730 m. G

deilanthoides S.A.Hammer
Perennial. Succulent. Ht up to 0.08 m, when in flower. Alt 2000–2250 m. M

deleeuwiae Lavis
Perennial. Succulent. Ht up to 0.03 m. Alt up to 2970 m. FS, KZN, L

denticulatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 990–1800 m. M

dolomitica Van Jaarsv.
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 1000–1500 m. M

dunense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 50–350 m. EC

dyeri L.Bolus
D. dyeri L.Bolus var. *laxum* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht? Alt 1300–1600 m. EC

dyeri L.Bolus var. *laxum* L.Bolus = **D. dyeri**

echinatum (Lam.) Schwantes

D. pruinosum (Thunb.) J.W.Ingram (9)
Trichodiadema echinatum L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 150–860 m. EC

ecklonis (Salm-Dyck) Schwantes
D. ecklonis (Salm-Dyck) Schwantes var. *latifolia* L.Bolus (9)
Perennial. Succulent. Ht up to 0.25 m. Alt 50–850 m. EC?

ecklonis (Salm-Dyck) Schwantes var. *latifolia* L.Bolus = **D. ecklonis**

edwardsiae L.Bolus = **D. rogersii**

erectum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.14 m. Alt? 'SA'

esterhuyseniae L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt ± 700 m. WC

exspersum (N.E.Br.) L.Bolus var. *decumbens* L.Bolus = **Drosanthemum exspersum**

exspersum (N.E.Br.) L.Bolus var. *exspersum* = **Drosanthemum exspersum**

ficksburgense Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt ± 700 m. FS

floribundum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt 800–1920 m. FS, KZN

framesii L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1740 m. G

fredericii Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.27 m. Alt 120–650 m. EC

frutescens L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 1.5 m. Alt 450–1100 m. EC

galpinii L.Bolus
D. galpinii L.Bolus var. *minus* L.Bolus (9)
Perennial. Succulent. Ht 0.05–0.12 m. Alt ± 2440 m. FS, KZN, L

galpinii L.Bolus var. *minus* L.Bolus = **D. galpinii**

gautengense H.E.K.Hartmann
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1250–1600 m. G

gerstneri L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt ± 1600 m. L

giffenii Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.45 m. Alt 550–1250 m. EC

gracile L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt ± 1525 m. KZN

gracillimum L.Bolus = **Corpuscularia gracilis**

gramineum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt ± 1465 m. EC

grandiflorum L.Bolus = **Drosanthemum longipes**

grantiae L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 320–890 m. EC

gratiae L.Bolus
D. longii L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt ± 305 m. EC

guthriei Lavis
Perennial. Succulent. Ht up to 0.25 m. Alt 20–200 m. WC

hallii L.Bolus = **Hartmanthus halii**

herbeum (N.E.Br.) N.E.Br.
Perennial. Succulent. Ht 0.09–0.15 m. Alt 1000–2200 m. B, NW, G, M, FS

hirtum (N.E.Br.) Schwantes
D. hirtum (N.E.Br.) Schwantes var. *bicolor* L.Bolus (9)
Perennial. Succulent. Ht 0.08–0.12 m. Alt 900–3400 m. M, FS, KZN, L

hirtum (N.E.Br.) Schwantes var. *bicolor* L.Bolus = **D. hirtum**

hollandii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 170–550 m. EC

imbricatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 610–1980 m. EC

inaequale L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 150–330 m. WC

incomptum (Haw.) L.Bolus
D. incomptum (Haw.) L.Bolus var. *gracile* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt 1000–1100 m. NC

incomptum (Haw.) L.Bolus var. *ecklonis* (Salm-Dyck) H.Jacobsen = **D. invalidum**

incomptum (Haw.) L.Bolus var. *gracile* L.Bolus = **D. incomptum**

inconspicuum L.Bolus
Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 20–200 m. WC

intonsum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1200–1540 m. NC

invalidum (N.E.Br.) H.E.K.Hartmann
D. incomptum (Haw.) L.Bolus var. *ecklonis* (Salm-Dyck) H.Jacobsen (9)
Perennial. Dwarf shrub, succulent. Ht? Alt? 'SA'

jansei N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1800 m. M, KZN

karrooicum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1000–1800 m. EC

katbergense L.Bolus
D. katbergense L.Bolus var. *amatolense* L.Bolus (9)
D. katbergense L.Bolus var. *angustifolium* L.Bolus (9)
Perennial. Succulent. Ht up to 0.2 m. Alt 1200–1700 m. EC

katbergense L.Bolus var. *amatolense* L.Bolus = **D. katbergense**

katbergense L.Bolus var. *angustifolium* L.Bolus = **D. katbergense**

klinghardtianum (Dinter) Schwantes
D. ausense L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 120–800 m. N, NC

knox-daviesii Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt ± 1500 m. G

kofleri Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.13 m. Alt up to 3400 m. FS, L

lavisiae L.Bolus
D. lavisiae L.Bolus var. *parisepalum* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt 730–3415 m. FS, KZN, L

lavisiae L.Bolus var. *parisepalum* L.Bolus = **D. lavisiae**

laxipetalum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 550–1100 m. EC

lebomboense (L.Bolus) Lavis
Perennial. Succulent. Ht up to 0.15 m. Alt 340–650 m. M, S, KZN

leendertziae N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt ± 1600 m. G

lehmannii (Eckl. & Zeyh.) Schwantes = **Corpuscularia lehmannii**

leightoniae Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 450–1200 m. EC

liebenbergii L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt 1500–1900 m. EC

lineare L.Bolus
D. lineare L.Bolus var. *tenuifolium* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.18 m. Alt up to 3400 m. KZN, L

lineare L.Bolus var. *tenuifolium* L.Bolus = **D. lineare**

litorale (Kensit) L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 5–305 m. WC

longii L.Bolus = **D. gratiae**

longipes L.Bolus = **Drosanthemum longipes**

lootsbergense Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1200–1900 m. EC

luckhoffii L.Bolus
Perennial. Dwarf shrub, succulent. Ht 0.03–0.05 m. Alt? 'SA'

luteum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 450–1000 m. EC

lydenburgense L.Bolus
D. lydenburgense L.Bolus var. *acutipetalum* L.Bolus (9)
Perennial. Succulent. Ht up to 0.15 m. Alt 750–2000 m. M

lydenburgense L.Bolus var. *acutipetalum* L.Bolus = **D. lydenburgense**

macellum (N.E.Br.) N.E.Br.
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt up to 2000 m. B, NW, G, FS

macrostigma L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 175–350 m. WC

mahonii (N.E.Br.) N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt 1100–1800 m. B, LIM, NW, G

mariae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 50–300 m. WC

maxwellii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 730–1200 m. EC

minimum Lavis = **Corpuscularia taylori**

monanthemum Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt? 'SA'

muirii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 50–350 m. EC

multiflorum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt 220–590 m. EC

neethlingiae (L.Bolus) Schwantes
Trichodiadema tenue L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.14 m. Alt 50–650 m. WC

nelii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt up to 3400 m. L

nubigenum (Schltr.) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt up to 3400 m. FS, L

obtusum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 1600–1700 m. FS

ornatulum N.E.Br.
Perennial. Dwarf shrub, succulent. Ht up to 0.38 m. Alt 400–1405 m. FS, EC

pachyrhizum L.Bolus
D. pachyrhizum L.Bolus var. *pubescens* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht 0.14–0.2 m. Alt 120–1220 m. FS, KZN

pachyrhizum L.Bolus var. *pubescens* L.Bolus = **D. pachyrhizum**

pageanum (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.26 m. Alt ± 400 m. WC

pallidum L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt? 'SA'

papillatum (L.Bolus) L.Bolus = **Drosanthemum papillatum**

parviflorum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.06 m. Alt up to 305 m. EC

patersoniae (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 5–100 m. EC

peersii Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.24 m. Alt 750–1300 m. EC

peglerae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 550–1500 m. EC

pergamentaceum L.Bolus var. *pergamentaceum* = **Hartmanthus pergamentaceus**

pergamentaceum L.Bolus var. *roseum* Lavis = **Hartmanthus pergamentaceus**

pilosulum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt up to 3400 m. L

platysepalum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 550–1000 m. EC

pondoense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.17 m. Alt 20–100 m. KZN

pontii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt ± 1400 m. FS

pottsii (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1400–1600 m. FS

prasinum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.12 m. Alt ± 185 m. EC

pruinosum (Thunb.) J.W.Ingram = **D. echinatum**

pubipetalum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 1000–1600 m. WC

purpureum H.E.K.Hartmann
Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt 1200–1500 m. G

repens L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 1500–1900 m. FS, EC

reynoldsii Lavis
Perennial. Dwarf shrub, succulent. Ht 0.1–0.17 m. Alt up to 3300 m. FS, KZN, L

rileyi L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 1200–1800 m. LIM, M

robustum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt up to 610 m. EC

rogersii (Schönland & A.Berger) L.Bolus
D. edwardsiae L.Bolus (9)
D. rogersii (Schönland & A.Berger) L.Bolus var. *glabrescens* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 20–140 m. EC

rogersii (Schönland & A.Berger) L.Bolus var. *glabrescens* L.Bolus = **D. rogersii**

roseopurpureum Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 1220–3400 m. FS, L

saturatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.16 m. Alt 1065–1300 m. KZN

saxicola Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.04 m. Alt 5–80 m. EC

scabripes L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.01 m. Alt 1675–3300 m. KZN, L, EC

smytheae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 1100–1300 m. KZN

sphalmanthoides S.A.Hammer
Perennial. Dwarf shrub, succulent. Ht up to 0.01 m. Alt ± 1500 m. NC

stenandrum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 890–1250 m. EC

subclavatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 600–850 m. EC

subincanum (Haw.) Schwantes
Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt 85–1465 m. EC

subpetiolatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 20–80 m. KZN

sulcatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 50–200 m. EC

sutherlandii (Hook.f.) N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m, when in flower. Alt up to 2210 m. G, M, KZN

suttoniae Lavis
Perennial. Succulent. Ht up to 0.02–0.04 m. Alt ± 1300 m. KZN

taylori (N.E.Br.) Schwantes = **Corpuscularia taylori**

taylori (N.E.Br.) Schwantes var. *albanense* L.Bolus = **Corpuscularia taylori**

testaceum (Haw.) Schwantes
Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–0.9 m. Alt? 'CP'

tradescantioides (A.Berger) L.Bolus
Perennial. Succulent. Ht 0.01–0.25 m. Alt 400–1440 m. M, S, KZN, EC

truteri Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1400–1800 m. EC

uitenhagense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 20–450 m. EC

uncinatum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 20–450 m. EC

uniflorum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 500–1500 m. EC

vandermerwei L.Bolus
Perennial. Succulent. Ht 0.02–0.05 m. Alt 1300–1700 m. LIM

velutinum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 1470–1530 m. KZN

verecundum L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt 20–765 m. EC

vernicolor L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 100–300 m. EC

versicolor L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt 850–1400 m. EC

vinaceum (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt? 'CP'

virens L.Bolus
Perennial. Shrub, succulent. Ht 0.2–0.45 m. Alt 600–1400 m. WC

vogtsii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1200–1700 m. G

waterbergense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1500–1800 m. LIM

wethamae L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1700–3400 m. FS, L

wilmaniae Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1000–1140 m. NC

wiumii Lavis as '*wiunii*'
Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt ± 3100 m. FS

zeederbergii L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.17 m. Alt ± 1500 m. M

zoeae L.Bolus
Perennial. Herb, succulent. Ht 0.15–0.25 m. Alt 1000–1400 m. NC

zoutpansbergense L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1500–1730 m. LIM

DICROCAULON N.E.Br. 2405034

(1) Ihlenfeldt *et al.* 1978. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 16: 171–181.
(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 211–214.

brevifolium N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 175–350 m. WC

grandiflorum Ihlenf.
Monilaria brevifolia L.Bolus (1)
Perennial. Succulent. Ht up to 0.5 m. Alt 170–300 m. WC

humile N.E.Br.
Perennial. Succulent. Ht up to 0.05 m. Alt 250–350 m. WC

microstigma (L.Bolus) Ihlenf.
Meyerophytum microstigma (L.Bolus) L.Bolus (1)
Meyerophytum primosii (L.Bolus) L.Bolus (1)
Monilaria microstigma L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 170–350 m. WC

nodosum (A.Berger) N.E.Br.
D. pearsonii N.E.Br. (2)
Perennial. Succulent. Ht up to 0.4 m. Alt 250–350 m. WC

pearsonii N.E.Br. = **D. nodosum**

ramulosum (L.Bolus) Ihlenf.
Perennial. Succulent. Ht up to 0.2 m. Alt 20–540 m. NC

spissum N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt up to 400 m. NC

trichotomum (Thunb.) N.E.Br. = **Phyllobolus trichotomus**

DIDYMAOTUS N.E.Br. 2405035

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 215.

lapidiformis (Marloth) N.E.Br.
Perennial. Succulent. Ht up to 0.06 m. Alt 630–910 m. WC

DINTERANTHUS Schwantes 2405036

(1) Sauer. 1975. *Aloe* 13: 9–24.
(2) Sauer. 1978. *The Flowering Plants of Africa* 45: tt. 1778A–1779B, 1780A, 1780B.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 215–217.

inexpectatus Dinter ex H.Jacobsen
D. wilmotianus L.Bolus subsp. *impunctatus* N.Sauer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 910–1030 m. N

microspermus (Dinter & Derenb.) Schwantes subsp. **impunctatus** N.Sauer
Perennial. Succulent. Ht? Alt? N

microspermus (Dinter & Derenb.) Schwantes subsp. **microspermus**
D. microspermus (Dinter & Derenb.) Schwantes var. *acutipetalus* L.Bolus (3)
Perennial. Succulent. Ht? Alt? N

microspermus (Dinter & Derenb.) Schwantes subsp. *puberulus* (N.E.Br.) N.Sauer = **D. puberulus**

microspermus (Dinter & Derenb.) Schwantes var. *acutipetalus* L.Bolus = **D. microspermus** subsp. **microspermus**

pole-evansii (N.E.Br.) Schwantes
Perennial. Succulent. Ht up to 0.03 m. Alt 910–1100 m. NC

puberulus N.E.Br.
D. microspermus (Dinter & Derenb.) Schwantes subsp. *puberulus* (N.E.Br.) N.Sauer (3)
D. punctatus L.Bolus (3)
Perennial. Succulent. Ht up to 0.07 m. Alt 870–930 m. NC

punctatus L.Bolus = **D. puberulus**

vanzylii (L.Bolus) Schwantes
D. vanzylii (L.Bolus) Schwantes var. *lineatus* H.Jacobsen (2)
Lithops vanzylii L.Bolus (1)
Perennial. Succulent. Ht up to 0.02 m. Alt 870–930 m. NC

vanzylii (L.Bolus) Schwantes var. *lineatus* H.Jacobsen = **D. vanzylii**

wilmotianus L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 800–960 m. NC

wilmotianus L.Bolus subsp. *impunctatus* N.Sauer = **D. inexpectatus**

DIPLOSOMA Schwantes 2405037

(1) Ihlenfeldt 1988. *Beiträge zur Biologie der Pflanzen* 63: 375–401.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 218, 219.

leipoldtii L.Bolus = **D. retroversum**

luckhoffii (L.Bolus) Schwantes ex Ihlenf.
Maughaniella luckhoffii (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.03 m. Alt 100–270 m. WC

retroversum (Kensit) Schwantes
D. leipoldtii L.Bolus (1)
Perennial. Succulent. Ht up to 0.02 m. Alt 300–450 m. WC

DISPHYMA N.E.Br. 2405038

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 276.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 220, 221.

crassifolium (L.) L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 5–50 m. WC, EC

dunsdonii L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 30–160 m. WC

DOROTHEANTHUS Schwantes 2405039

(1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1365.
(2) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
(3) Brusse. 1996. *Bradleya* 14: 89.
(4) Struck. 1998. *Feddes Repertorium* 109: 5, 6.
(5) Struck & Hartmann. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 222–225.

acuminatus L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

apetalus (L.f.) N.E.Br.
D. gramineus (Haw.) Schwantes (4)
Annual. Succulent. Ht up to 0.04 m. Alt 40–320 m. WC

bellidiformis (Burm.f.) N.E.Br. subsp. **bellidiformis**
D. acuminatus L.Bolus (2)
D. bidouwensis L.Bolus (2)
D. flos-solis (A.Berger) L.Bolus (2)
D. hallii L.Bolus (2)
D. littlewoodii L.Bolus (2)
D. lutens N.E.Br. (2)
D. muiri L.Bolus, as '*muirii*' (2)
D. oculatus N.E.Br. var. *oculatus* (2)
D. oculatus N.E.Br. var. *saldhanensis* L.Bolus (2)
D. stayneri L.Bolus (2)
Drosanthemum martinii L.Bolus (2)
Annual. Succulent. Ht up to 0.1 m. Alt up to 450 m. NC, WC

bellidiformis (Burm.f.) N.E.Br. subsp. **hestermalensis** Ihlenf. & Struck
Annual. Succulent. Ht up to 0.01 m. Alt up to 1200 m. NC

bidouwensis L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

booysenii L.Bolus
Annual. Succulent. Ht up to 0.03 m. Alt 800–1800 m. NC

clavatus (Haw.) Struck
D. gramineus (Haw.) Schwantes forma *albus* (Haw.) G.D.Rowley (5)
D. gramineus (Haw.) Schwantes forma *roseus* (Haw.) G.D.Rowley (5)
D. tricolor (Willd.) L.Bolus (5)
Annual. Succulent. Ht up to 0.04 m. Alt 100–930 m. WC

flos-solis (A.Berger) L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

gramineus (Haw.) Schwantes = **D. apetalus**

gramineus (Haw.) Schwantes forma *albus* (Haw.) G.D.Rowley = **D. clavatus**

gramineus (Haw.) Schwantes forma *roseus* (Haw.) G.D.Rowley = **D. clavatus**

hallii L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

littlewoodii L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

lutens N.E.Br. = **D. bellidiformis** subsp. **bellidiformis**

maughanii (N.E.Br.) Ihlenf. & Struck
Pherolobus maughanii N.E.Br. var. *maughanii* (2)
Pherolobus maughanii N.E.Br. var. *stayneri* L.Bolus (2)
Annual. Succulent. Ht up to 0.04 m. Alt 900–1600 m. NC

muiri L.Bolus, as '*muirii*' = **D. bellidiformis** subsp. **bellidiformis**

oculatus N.E.Br. var. *oculatus* = **D. bellidiformis** subsp. **bellidiformis**

oculatus N.E.Br. var. *saldhanensis* L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

rourkei L.Bolus
Sineoperculum rourkei (L.Bolus) Van Jaarsv. (4)
Annual. Succulent. Ht up to 0.06 m, when in flower. Alt 100–320 m. NC, WC

stayneri L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

tricolor (Willd.) L.Bolus = **D. clavatus**

ulularis Brusse
Annual. Succulent. Ht up to 0.12 m. Alt 50–100 m. WC

DRACOPHILUS (Schwantes) Dinter & Schwantes 2405040

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 273.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 225, 226.

dealbatus (N.E.Br.) Walgate
D. montis-draconis (Dinter) Dinter & Schwantes (2)
D. proximus (L.Bolus) Walgate (2)
Juttadinteria proxima L.Bolus (2)
Perennial. Succulent. Ht up to 0.8 m. Alt 50–350 m. N, NC

delaetianus (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.12 m. Alt 50–1000 m. N

montis-draconis (Dinter) Dinter & Schwantes = **D. dealbatus**

proximus (L.Bolus) Walgate = **D. dealbatus**

DROSANTHEMOPSIS Rauschert 2405167

salaria (L.Bolus) Rauschert = **Jacobsenia vaginata**

vaginata (L.Bolus) Rauschert = **Jacobsenia vaginata**

DROSANTHEMUM Schwantes 2405041

(1) Bolus. 1951. *The Flowering Plants of Africa* 28: tt. 1106, 1107.
(2) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1152.
(3) Niesler. 1997. *Bradleya* 15: 13–27.
(4) Hartmann. 1999. *Bradleya* 17: 38–74.
(5) Hartmann & Bruckmann. 2000. *Bradleya* 18: 75–112.
(6) Hartmann *et al.* 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 227–250.
(7) Hartmann. 2002. *Bradleya* 20: 121–147.

acuminatum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 550–890 m. WC

acutifolium (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 180–750 m. WC

albens L.Bolus
D. littlewoodii L.Bolus (6)
Perennial. Succulent. Ht up to 0.09 m. Alt up to 1200 m. N, NC

albiflorum (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt 150–280 m. WC

ambiguum L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 50–360 m. WC

anomalum L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 200–650 m. WC

archeri L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m. WC

attenuatum (Haw.) Schwantes
Mesembryanthemum attenuatum Haw. (6)
Perennial. Succulent. Ht ± 0.25 m. Alt 300–600 m. WC

aureopurpureum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 170–450 m. WC

austricola L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 20–220 m. WC

autumnale L.Bolus
Perennial. Succulent. Ht up to 0.45 m. Alt 10–75 m. WC

barkerae L.Bolus
Perennial. Succulent. Ht 0.3–0.6 m. Alt 400–750 m. WC

barwickii L.Bolus = **D. subcompressum**

bellum L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 300–580 m. WC

bicolor L.Bolus
Perennial. Succulent. Ht up to 0.9 m. Alt 490–850 m. WC

breve L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

brevifolium (Aiton) Schwantes
Mesembryanthemum brevifolium Aiton (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 180–300 m. WC

calycinum (Haw.) Schwantes
Mesembryanthemum calycinum Haw. (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 300–550 m. WC

candens (Haw.) Schwantes
Mesembryanthemum candens Haw. (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 30–330 m. EC

capillare (Thunb.) Schwantes
D. subglobosum (Haw.) Schwantes (6)
Perennial. Succulent. Ht? Alt 100–290 m. WC, EC

cereale L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 500–750 m. WC

chrysum L.Bolus
Perennial. Succulent. Ht? Alt 750–1100 m. WC

collinum (Sond.) Schwantes
Mesembryanthemum collinum Sond. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–550 m. WC

comptonii L.Bolus
Perennial. Succulent. Ht up to 0.17 m. Alt 900–1100 m. WC

concavum L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 1000–1600 m. NC

crassum L.Bolus
Perennial. Succulent. Ht up to 0.26 m. Alt 800–1100 m. WC

croceum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 700–1600 m. WC

curtophyllum L.Bolus
Perennial. Succulent. Ht 0.1–0.3 m. Alt 30–450 m. NC

cymiferum L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 500–1000 m. NC, WC

deciduum H.E.K.Hartmann & Bruckmann
Perennial. Succulent. Ht up to 0.3 m. Alt 250–320 m. WC

dejagerae L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 800–1200 m. WC

delicatulum (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.1 m. Alt 250–550 m. WC

dipageae H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.6 m. Alt? EC

diversifolium L.Bolus
D. subalbum L.Bolus (7)
Perennial. Succulent. Ht up to 0.12 m. Alt up to 1200 m. WC

duplessiae L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 400–900 m. WC

eburneum L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 1000–1700 m. NC

edwardsiae L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 50–350 m. WC

erigeriflorum (Jacq.) Stearn
Perennial. Succulent. Ht up to 0.6 m. Alt? 'SA'

exspersum (N.E.Br.) Schwantes
Delosperma exspersum (N.E.Br.) L.Bolus var. *decumbens* L.Bolus (6)
Delosperma exspersum (N.E.Br.) L.Bolus var. *exspersum* (6)
Perennial. Succulent. Ht 0.16–0.33 m. Alt 950–1500 m. NC

filiforme L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt up to 1200 m. NC

flammeum L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 350–730 m. WC

flavum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt? 'CP'

floribundum (Haw.) Schwantes
D. torquatum (Haw.) Schwantes (6)
Mesembryanthemum floribundum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 20–100 m. WC

fourcadei (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.22 m. Alt 220–860 m. EC

framesii L.Bolus
Perennial. Succulent. Ht 0.07–0.08 m. Alt 500–850 m. WC

fulleri L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1150 m. NC

giffenii (L.Bolus) Schwantes
D. giffenii (L.Bolus) Schwantes var. *intertextum* (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 500–850 m. WC

giffenii (L.Bolus) Schwantes var. *intertextum* (L.Bolus) Schwantes = **D. giffenii**

glabrescens L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 900–1500 m. NC

globosum L.Bolus
Perennial. Succulent. Ht up to 0.45 m. Alt 500–750 m. WC

godmaniae L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt up to 1200 m. NC

gracillimum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 890–1250 m. WC

hallii L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–580 m. WC

hirtellum (Haw.) Schwantes
Mesembryanthemum hirtellum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt? 'SA'

hispidum (L.) Schwantes
D. hispidum (L.) Schwantes var. *platypetalum* (Haw.) Schwantes (6)
Mesembryanthemum hispidum L. (6)
Perennial. Succulent. Ht 0.3–0.6 m. Alt up to 1600 m. N, FS, NC, WC, EC

hispidum (L.) Schwantes var. *platypetalum* (Haw.) Schwantes = **D. hispidum**

hispifolium (Haw.) Schwantes
D. striatum (Haw.) Schwantes var. *hispifolium* (Haw.) G.D.Rowley (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m. WC

inornatum (L.Bolus) L.Bolus
Trichodiadema inornatum L.Bolus (8)
Perennial. Succulent. Ht up to 0.3 m. Alt 450–1000 m. N, NC

insolitum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt ± 650 m. WC

intermedium (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 20–100 m. WC

jamesii L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 990–1500 m. EC

karrooense L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 800–1100 m. WC

latipetalum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 250–1200 m. WC

lavisii L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 50–390 m. WC

laxum L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 215–300 m. WC

leipoldtii L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 300–980 m. WC

leptum L.Bolus
Perennial. Succulent. Ht 0.22–0.35 m. Alt 215–300 m. WC

lignosum L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 500–800 m. WC

lique (N.E.Br.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 760–1900 m. EC

littlewoodii L.Bolus = **D. albens**

longipes (L.Bolus) H.E.K.Hartmann
Delosperma grandiflorum L.Bolus (6)
Delosperma longipes L.Bolus (6)
Perennial. Succulent. Ht 0.2–0.6 m. Alt 240–1100 m. WC

luederitzii (Engl.) Schwantes
D. paxianum (Schltr. & Diels) Schwantes (6)
Mesembryanthemum luederitzii Engl. (6)
Mesembryanthemum paxianum Schltr. & Diels (6)
Perennial. Succulent. Ht 0.1–0.15 m. Alt 5–50 m. N, NC, WC

macrocalyx L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 500–1100 m. WC

maculatum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt? 'CP'

marinum L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 5–100 m. WC

martinii L.Bolus = **Dorotheanthus bellidiformis** subsp. **bellidiformis**

mathewsii L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 170–220 m. WC

micans (L.) Schwantes
Mesembryanthemum micans L. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 150–300 m. WC

montaguense L.Bolus = **D. praecultum**

muiri L.Bolus, as '*muirii*'
Perennial. Succulent. Ht up to 0.4 m. Alt 150–280 m. WC

nitidum (Haw.) Schwantes = **Phyllobolus nitidus**

nordenstamii L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 20–450 m. N

oculatum L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 173–428 m. WC

opacum L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 250–300 m. WC

otzenianum (Dinter) Friedrich = **Lampranthus otzenianus**

pallens (Haw.) Schwantes
D. striatum (Haw.) Schwantes var. *pallens* (Haw.) G.D.Rowley (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–550 m. WC

papillatum L.Bolus
Delosperma papillatum (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt ± 300 m. WC

parvifolium (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt 560–640 m. WC

pauper (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 250–800 m. N

paxianum (Schltr. & Diels) Schwantes = **D. luederitzii**

pickhardii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 500–800 m. WC

praecultum (N.E.Br.) Schwantes
D. montaguense L.Bolus (6)
Perennial. Succulent. Ht up to 0.17 m. Alt 200–550 m. WC

prostratum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–700 m. WC

pulchellum L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 300–700 m. WC

pulchrum L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–500 m. WC

pulverulentum (Haw.) Schwantes
D. roseatum (N.E.Br.) L.Bolus (6)
Mesembryanthemum pulverulentum Haw. (6)
Ruschia comptonii L.Bolus (6)
Perennial. Succulent. Ht up to 0.15 m. Alt? WC

ramosissimum (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–330 m. WC

robustum L.Bolus = **Delosperma crassum**

roridum L.Bolus = **D. subcompressum**

roseatum (N.E.Br.) L.Bolus = **D. pulverulentum**

salicola L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–980 m. WC

schoenlandianum (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–330 m. WC

semiglobosum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 850–950 m. WC

sessile (Thunb.) Schwantes = **Ruschia sessilis**

speciosum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 85–500 m. WC

splendens L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 500–750 m. WC

stokoei L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 30–400 m. WC

striatum (Haw.) Schwantes
Mesembryanthemum striatum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–500 m. WC

striatum (Haw.) Schwantes var. *hispifolium* (Haw.) G.D.Rowley = **D. hispifolium**

striatum (Haw.) Schwantes var. *pallens* (Haw.) G.D.Rowley = **D. pallens**

strictifolium L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt? WC?

subalbum L.Bolus = **D. diversifolium**

subclausum L.Bolus
Perennial. Succulent. Ht 0.13–0.16 m. Alt 470–700 m. NC

subcompressum (Haw.) Schwantes
D. barwickii L.Bolus (6)
D. roridum L.Bolus (6)
Mesembryanthemum subcompressum Haw. (6)
Perennial. Succulent. Ht up to 0.7 m. Alt 500–750 m. WC

subglobosum (Haw.) Schwantes = **D. capillare**

subplanum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 800–1600 m. WC

subspinosum (Kuntze) H.E.K.Hartmann
Perennial. Succulent. Ht? Alt 990–1800 m. EC

tardum L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 190–350 m. NC

thudichumii L.Bolus
D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurantiaca* L.Bolus (6)
D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurea* L.Bolus (6)
D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *gracilius* (6)
Perennial. Succulent. Ht up to 0.9 m. Alt 300–600 m. WC

thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurantiaca* L.Bolus = **D. thudichumii**

thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurea* L.Bolus = **D. thudichumii**

thudichumii L.Bolus var. *gracilius* L.Bolus forma *gracilius* = **D. thudichumii**

torquatum (Haw.) Schwantes = **D. floribundum**

tuberculiferum L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–600 m. WC

uniflorum (L.Bolus) Friedrich ex H.Jacobsen = **Lampranthus uniflorus**

vaginatum L.Bolus = **Jacobsenia vaginata**

vandermerwei L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 190–350 m. WC

vespertinum L.Bolus
D. vespertinum L.Bolus var. *suffusum* L.Bolus (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 500–980 m. WC

vespertinum L.Bolus var. *suffusum* L.Bolus = **D. vespertinum**

wittebergense L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt ± 1100 m. WC

worcesterense L.Bolus
Perennial. Succulent. Ht 0.2–0.28 m. Alt 300–600 m. WC

zygophylloides (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.14 m. Alt 300–590 m. WC

EBERLANZIA Schwantes 2405042

(1) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(2) Hartmann. 1998. *Bothalia* 28: 67–82.
(3) Hartmann. 1998. *Bradleya* 16: 44–91.
(4) Hartmann. 1999. *Bradleya* 17: 38–74.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 250–254.

aculeata (N.E.Br.) Schwantes = **Ruschia spinosa**

albertensis (L.Bolus) L.Bolus = **Ruschia spinosa**

armata (L.Bolus) L.Bolus = **Arenifera stylosa**

clausa (Dinter) Schwantes
Mesembryanthemum clausum Dinter (3)
Perennial. Succulent. Ht up to 0.5 m. Alt up to 1000 m. N

cradockensis (Kuntze) Schwantes = **Ruschia cradockensis** subsp. **cradockensis**

cyathiformis (L.Bolus) H.E.K.Hartmann
Ruschia cyathiformis L.Bolus (3)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–850 m. N, NC

dichotoma (L.Bolus) H.E.K.Hartmann
Ruschia dichotoma L.Bolus (3)
Ruschia milleflora L.Bolus (3)
Perennial. Succulent. Ht up to 0.35 m. Alt 350–1000 m. NC

disarticulata (L.Bolus) L.Bolus = **Antimima hantamensis**

divaricata (L.Bolus) L.Bolus = **Ruschia divaricata**

ebracteata (L.Bolus) H.E.K.Hartmann
Ruschia ebracteata L.Bolus (3)
Ruschia namaquana L.Bolus var. *quinqueflora* L.Bolus (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 250–1000 m. N, NC

ferox (L.Bolus) L.Bolus = **Ruschia intricata**

globularis (L.Bolus) L.Bolus = **Ruschia spinosa**

gravida (L.Bolus) H.E.K.Hartmann
Ruschia gravida L.Bolus (3)
Perennial. Succulent. Ht up to 0.35 m. Alt 500–950 m. NC

horrescens (L.Bolus) L.Bolus = **Ruschia cradockensis** subsp. **cradockensis**

horrescens (L.Bolus) L.Bolus var. *densa* (L.Bolus) H.Jacobsen, invalid name = **Ruschia cradockensis** subsp. **cradockensis**

horrida (L.Bolus) L.Bolus = **Ruschia cradockensis** subsp. **cradockensis**

hospitalis (Dinter) Schwantes = **Ruschia spinosa**

intricata (N.E.Br.) Schwantes = **Ruschia intricata**

macroura (L.Bolus) L.Bolus = **Ruschia spinosa**

micrantha (Pax) Schwantes = **Ruschia spinosa**

mucronifera (Haw.) Schwantes = **Ruschia spinosa**

munita (L.Bolus) Schwantes = **Ruschia intricata**

parvibracteata (L.Bolus) H.E.K.Hartmann
Mesembryanthemum parvibracteatum (L.Bolus) N.E.Br. (3)
Ruschia parvibracteata L.Bolus (3)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–1000 m. NC

persistens (L.Bolus) L.Bolus = **Ruschia intricata**

puniens (L.Bolus) L.Bolus = **Ruschia intricata**

schneideriana (A.Berger) H.E.K.Hartmann
Mesembryanthemum floriferum N.E.Br. (3)
Mesembryanthemum lacunatum N.E.Br. (3)
Mesembryanthemum rugulosum A.Berger ex Range, naked name (3)
Mesembryanthemum schneiderianum A.Berger (3)
Ruschia hallowayana L.Bolus (3)
Ruschia hollowayana L.Bolus (4)
Ruschia pillansii L.Bolus (3)
Ruschia schneideriana (A.Berger) L.Bolus (3)
Ruschia spathulata L.Bolus (3)
Ruschia sphaerophylla Dinter, naked name (3)
Ruschia velutina L.Bolus (3)
Perennial. Succulent. Ht up to 0.5 m. Alt 190–850 m. N, NC

sedoides (Dinter & A.Berger) Schwantes
Mesembryanthemum cleistum (L.Bolus) N.E.Br. (3)
Mesembryanthemum crassulifolium (L.Bolus) N.E.Br. (3)
Mesembryanthemum sedoides Dinter & A.Berger (1)
Ruschia cleista L.Bolus (3)
Ruschia crassuloides L.Bolus (3)
Ruschia sedoides (Dinter & A.Berger) Friedrich (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 20–350 m. N, NC

spinosa (L.) Schwantes = **Ruschia spinosa**

stellata L.Bolus, naked name = **Antimima hantamensis**

stylosa (L.Bolus) L.Bolus = **Arenifera stylosa**

tatasbergensis L.Bolus = **Ruschia divaricata**

triticiformis (L.Bolus) L.Bolus = **Ruschia cradockensis** subsp. **triticiformis**

triticiformis (L.Bolus) L.Bolus var. *subglobosa* L.Bolus = **Ruschia cradockensis** subsp. **triticiformis**

vanheerdei L.Bolus = **Leipoldtia alborosea**

vulnerans (L.Bolus) L.Bolus = **Ruschia divaricata**

EBRACTEOLA Dinter & Schwantes 2405043

(1) Glen. 1986. *Bothalia* 16: 203–226.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 254–257.

candida L.Bolus = **E. derenbergiana**

derenbergiana (Dinter) Dinter & Schwantes
E. candida L.Bolus (3)
Mesembryanthemum derenbergiana Dinter (3)
Ruschia derenbergiana (Dinter) C.Weber (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 250–1200 m. N, NC

fulleri (L.Bolus) Glen
Ruschia fulleri L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 940–1100 m. N, NC

montis-moltkei (Dinter) Dinter & Schwantes
Mesembryanthemum montis-moltkei Dinter (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 1600–2100 m. N

wilmaniae (L.Bolus) Glen
Ruschia wilmaniae (L.Bolus) L.Bolus var. *angustifolia* L.Bolus (1)
Ruschia wilmaniae (L.Bolus) L.Bolus var. *vermeuleniae* (L.Bolus) L.Bolus (1)
Ruschia wilmaniae (L.Bolus) L.Bolus var. *wilmaniae* (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 700–1600 m. NW, FS, NC

ECHINUS L.Bolus 2405143

apiculatus (Kensit) L.Bolus = **Braunsia apiculata**

edentulus (Haw.) N.E.Br. = **Ruschia edentula**

ECTOTROPIS N.E.Br. 2405044

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 257.

alpina N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt ± 2000 m. EC

ENARGANTHE N.E.Br. 2405045

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 271.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 258.

octonaria (L.Bolus) N.E.Br.
Mesembryanthemum octonarium L.Bolus (3)
Ruschia octonaria (L.Bolus) G.D.Rowley (3)
Perennial. Succulent. Ht up to 0.45 m. Alt 420–700 m. NC

EREPSIA N.E.Br. 2405046

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 110.
(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 254, 270.
(3) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1065.
(4) Bolus. 1959. *The Flowering Plants of Africa* 33: t. 1286.
(5) Liede. 1989. *Beiträge zur Biologie der Pflanzen* 65: 1–98.
(6) Bruyns. 1997. *South African Journal of Botany* 63: 241.
(7) Hartmann. 1998. *Bradleya* 16: 44–91.
(8) Hartmann. 1999. *Bradleya* 17: 38–74.
(9) Klak. 2000. *Bothalia* 30: 35–42.
(10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 258–266.

anceps (Haw.) Schwantes
E. laxa L.Bolus (10)
Perennial. Succulent. Ht up to 0.3 m. Alt 30–450 m. WC

aperta L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–600 m. WC

aristata (L.Bolus) Liede & H.E.K.Hartmann
Ruschia aristata L.Bolus (8)
Perennial. Succulent. Ht up to 0.6 m. Alt 50–550 m. WC, EC

aspera (Haw.) L.Bolus
E. nudicaulis (A.Berger) H.Jacobsen (5)
E. restiophila L.Bolus (5)
E. tuberculata N.E.Br. (5)
Perennial. Succulent. Ht up to 0.4 m. Alt 0–2000 m. WC

babiloniae Liede
Perennial. Succulent. Ht up to 0.2 m. Alt 300–650 m. WC

bracteata (Aiton) Schwantes
E. racemosa (N.E.Br.) Schwantes (10)
E. radiata (Haw.) Schwantes (10)
Perennial. Succulent. Ht up to 0.5 m. Alt 50–550 m. WC

bracteata (Aiton) Schwantes × **E. anceps** (Haw.) Schwantes
E. caledonica L.Bolus (10)
E. compressa (Haw.) Schwantes (10)
Perennial. Succulent. Ht? Alt? WC

bracteata (Aiton) Schwantes × **E. ramosa** L.Bolus
Perennial. Succulent. Ht? Alt? 'SA'

brevipetala L.Bolus
Perennial. Succulent. Ht up to 0.7 m. Alt 30–265 m. WC

caledonica L.Bolus = **E. bracteata × E. anceps**

carterae L.Bolus var. *carterae* = **E. gracilis**

carterae L.Bolus var. *lepta* L.Bolus = **E. gracilis**

compressa (Haw.) Schwantes = **E. bracteata × E. anceps**

distans L.Bolus
Perennial. Succulent. Ht up to 0.7 m. Alt 500–850 m. WC

dubia Liede
Perennial. Succulent. Ht up to 0.4 m. Alt 190–250 m. WC

dunensis (Sond.) Klak
Perennial. Succulent. Ht up to 0.06 m. Alt 20–380 m. WC

esterhuyseniae L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 1600–2080 m. WC

forficata (L.) Schwantes
E. mutabilis (Haw.) Schwantes (10)
Ruschia filamentosa (L.) L.Bolus (8)
Ruschia forficata (L.) L.Bolus (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–900 m. WC

gracilis (Haw.) L.Bolus
E. carterae L.Bolus var. *carterae* (10)
E. carterae L.Bolus var. *lepta* L.Bolus (10)
E. levis L.Bolus (10)
E. tenuicaulis (A.Berger) H.Jacobsen (10)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–2000 m. WC

hallii L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 350–750 m. WC

heteropetala (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.2 m. Alt 400–1300 m. WC

inclaudens (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.4 m. Alt 300–1300 m. WC

insignis (Schltr.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt 1200–1700 m. WC

lacera (Haw.) Liede
Mesembryanthemum lacerum Haw. (5)
Semnanthe lacera (Haw.) N.E.Br. var. *densipetala* L.Bolus (5)
Semnanthe lacera (Haw.) N.E.Br. var. *lacera* (5)
Perennial. Succulent. Ht up to 0.8 m. Alt 300–700 m. WC

laxa L.Bolus = **E. anceps**

levis L.Bolus = **E. gracilis**

marlothii N.E.Br. = **E. saturata**

mutabilis (Haw.) Schwantes = **E. forficata**

nudicaulis (A.Berger) H.Jacobsen = **E. aspera**

oxysepala (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 200–1400 m. WC

pageae L.Bolus = **E. patula**

patula (Haw.) Schwantes
E. pageae L.Bolus (10)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–500 m. WC

pentagona (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 500–1000 m. WC

pillansii (Kensit) Liede
Kensitia pillansii (Kensit) Fedde (5)
Mesembryanthemum pillansii Kensit (5)
Perennial. Succulent. Ht up to 0.8 m. Alt 500–1000 m. WC

polita (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt ± 350 m. WC

polypetala (A.Berger & Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 160–450 m. WC

promontorii L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 50–300 m. WC

purpureostyla (L.Bolus) Schwantes = **Acrodon purpureostylus**

racemosa (N.E.Br.) Schwantes = **E. bracteata**

radiata (Haw.) Schwantes = **E. bracteata**

ramosa L.Bolus
E. roseo-alba L.Bolus (10)
Perennial. Succulent. Ht up to 0.4 m. Alt 10–750 m. WC

restiophila L.Bolus = **E. aspera**

roseo-alba L.Bolus = **E. ramosa**

saturata L.Bolus
E. marlothii N.E.Br. (10)
Perennial. Succulent. Ht up to 0.4 m. Alt 700–1000 m. WC

serrata (L.) L.Bolus = **Circandra serrata**

steytlerae L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–650 m. WC

tenuicaulis (A.Berger) H.Jacobsen = **E. gracilis**

tuberculata N.E.Br. = **E. aspera**

urbaniana (Schltr.) Schwantes
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

villiersii L.Bolus
Perennial. Succulent. Ht up to 0.7 m. Alt 300–600 m. WC

viridis L.Bolus = **Smicrostigma viride**

ESTERHUYSENIA L.Bolus 2405047

(1) Hartmann. 1991. *Contributions from the Bolus Herbarium* 13: 75–157.
(2) Hartmann. 1998. *Bradleya* 16: 44–91.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 267, 268.

alpina L.Bolus
Lampranthus alpinus (L.Bolus) G.D.Rowley (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 1700–2080 m. WC

drepanophylla (Schltr. & A.Berger) H.E.K.Hartmann
Lampranthus drepanophyllus (Schltr. & A.Berger) N.E.Br. (2)
Mesembryanthemum drepanophyllum Schltr. & A.Berger (2)
Mesembryanthemum mallesoniae L.Bolus (2)
Ruschia drepanophylla (Schltr. & A.Berger) L.Bolus (2)
Ruschia drepanophylla (Schltr. & A.Berger) L.Bolus var. *sneeubergensis* L.Bolus (2)
Ruschia mallesoniae (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.15 m. Alt 600–1500 m. WC

inclaudens (L.Bolus) H.E.K.Hartmann
Ruschia inclaudens L.Bolus (2)
Perennial. Succulent. Ht up to 0.25 m. Alt 550–1000 m. WC

stokoei (L.Bolus) H.E.K.Hartmann
Mesembryanthemum stokoei L.Bolus (2)
Ruschia thomae L.Bolus var. *microstigma* L.Bolus (2)
Ruschia thomae L.Bolus var. *thomae* (2)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–800 m. WC

EURYSTIGMA L.Bolus 2405048

clavatum (L.Bolus) L.Bolus = **Mesembryanthemum eurystigmatum**

FAUCARIA Schwantes 2405049

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 267.
(2) Groen & Van der Maesen. 1999. *Bothalia* 29: 35–85.
(3) Groen & Hartmann. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 23–26.

acutipetala L.Bolus = **F. felina**

albidens N.E.Br. = **F. bosscheana**

bosscheana (A.Berger) Schwantes
F. albidens N.E.Br. (2)
F. bosscheana (A.Berger) Schwantes var. *haagei* (Tischer) H.Jacobsen (2)
F. haagei Tischer (2)
F. kendrewensis L.Bolus (2)
F. paucidens N.E.Br. (2)
F. peersii L.Bolus (2)
Mesembryanthemum bosscheanum A.Berger (2)
Perennial. Succulent. Ht up to 0.03 m. Alt up to 980 m. WC, EC

bosscheana (A.Berger) Schwantes var. *haagei* (Tischer) H.Jacobsen = **F. bosscheana**

britteniae L.Bolus
F. coronata L.Bolus (3)
F. felina (Weston) Schwantes subsp. *britteniae* (L.Bolus) L.E.Groen (3)
F. grandis L.Bolus (3)
F. smithii L. Bolus (3)
F. speciosa L.Bolus (3)
Perennial. Succulent. Ht up to 0.1 m. Alt 450–910 m. EC

candida L.Bolus = **F. felina**

coronata L.Bolus = **F. britteniae**

cradockensis L.Bolus = **F. felina**

crassisepala L.Bolus = **F. felina**

duncanii L.Bolus = **F. felina**

felina (L.) Schwantes
F. acutipetala L.Bolus (2)
F. candida L.Bolus (2)
F. cradockensis L.Bolus (2)
F. crassisepala L.Bolus (2)
F. duncanii L.Bolus (2)
F. felina (L.) Schwantes var. *jamesii* L.Bolus (2)
F. jamesii L.Bolus ex Tischer, naked name (2)
F. kingiae L.Bolus (2)
F. latipetala L.Bolus (2)
F. laxipetala L.Bolus (2)
F. longidens L.Bolus (2)
F. longifolia L.Bolus (2)
F. lupina (Haw.) Schwantes (2)
F. militaris Tischer (2)
F. montana L.Bolus (2)
F. multidens L.Bolus (2)
F. multidens L.Bolus var. *paardeportensis* L.Bolus (2)
F. plana L.Bolus (2)
F. ryneveldiae L.Bolus (2)
F. uniondalensis L.Bolus (2)
Mesembryanthemum felinum (L.) Weston (2)
Mesembryanthemum lupinum Haw. (2)
Mesembryanthemum ringens L. var. *β felinum* L. (2)
Perennial. Succulent. Ht up to 0.08 m. Alt 450–930 m. WC, EC

felina (L.) Schwantes subsp. *tuberculosa* (Rolfe) L.E.Groen = **F. tuberculosa**

felina (L.) Schwantes var. *jamesii* L.Bolus = **F. felina**

felina (Weston) Schwantes subsp. *britteniae* (L.Bolus) L.E.Groen = **F. britteniae**

grandis L.Bolus = **F. britteniae**

gratiae L.Bolus
F. hooleae L.Bolus (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 450–850 m. EC

haagei Tischer = **F. bosscheana**

hooleae L.Bolus = **F. gratiae**

jamesii L.Bolus ex Tischer, naked name = **F. felina**

kendrewensis L.Bolus = **F. bosscheana**

kingiae L.Bolus = **F. felina**

latipetala L.Bolus = **F. felina**

laxipetala L.Bolus = **F. felina**

longidens L.Bolus = **F. felina**

longifolia L.Bolus = **F. felina**

lupina (Haw.) Schwantes = **F. felina**

militaris Tischer = **F. felina**

montana L.Bolus = **F. felina**

multidens L.Bolus = **F. felina**

multidens L.Bolus var. *paardeportensis* L.Bolus = **F. felina**

nemorosa L.Bolus ex L.E.Groen
Perennial. Succulent. Ht up to 0.05 m. Alt 450–900 m. EC

paucidens N.E.Br. = **F. bosscheana**

peersii L.Bolus = **F. bosscheana**

plana L.Bolus = **F. felina**

ryneveldiae L.Bolus = **F. felina**

smithii L.Bolus = **F. britteniae**

speciosa L.Bolus = **F. britteniae**

subindurata L.Bolus = **F. subintegra**

subintegra L.Bolus
F. subindurata L.Bolus (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 340–580 m. EC

tigrina (Haw.) Schwantes
F. tigrina (Haw.) Schwantes forma *splendens* H.Jacobsen & G.D.Rowley (2)
Mesembryanthemum tigrinum Haw. (2)
Perennial. Succulent. Ht up to 0.08 m. Alt 550–920 m. EC

tigrina (Haw.) Schwantes forma *splendens* H.Jacobsen & G.D.Rowley = **F. tigrina**

tuberculosa (Rolfe) Schwantes
F. felina (L.) Schwantes subsp. *tuberculosa* (Rolfe) L.E.Groen
Perennial. Succulent. Ht up to 0.07 m. Alt 520–980 m. EC

uniondalensis L.Bolus = **F. felina**

FENESTRARIA N.E.Br. 2405050

(1) Hartmann. 1982. *Botanische Jahrbücher* 103: 145–183.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 26, 27.

rhopalophylla (Schltr. & Diels) N.E.Br. subsp. **aurantiaca** (N.E.Br.) H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.04 m, when in flower. Alt 20–250 m. N, NC

rhopalophylla (Schltr. & Diels) N.E.Br. subsp. **rhopalophylla**
Perennial. Succulent. Ht up to 0.04 m, when in flower. Alt 20–250 m. N

FRITHIA N.E.Br. 2405051

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 275.
(2) Burgoyne *et al.* 2000. *Bothalia* 30: 1–7.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 27, 28.

humilis Burgoyne
F. pulchra N.E.Br. var. *minor* de Boer, illegitimate name (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1600 m. G, M

pulchra N.E.Br.
Perennial. Succulent. Ht up to 0.04 m. Alt 1500–1770 m. G, NW

pulchra N.E.Br. var. *minor* de Boer = **F. humilis**

GIBBAEUM N.E.Br. 2405052

(1) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1153.
(2) Nel. 1953. *The* Gibbaeum *Handbook*.
(3) Glen. 1983. *The Flowering Plants of Africa* 47: t. 1865A.
(4) Van Jaarsveld & Hammer. 1996. *Bradleya* 14: 14–16.
(5) Frandsen. 1998. *Aloe* 35: 14–17.
(6) Klak. 2000. In Goldblatt & Manning, *Strelitzia* 9: 243, 244.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 35–41.

album N.E.Br.
G. album N.E.Br. forma *roseum* (N.E.Br.) G.D.Rowley (6)
Perennial. Succulent. Ht up to 0.06 m. Alt 330–630 m. WC

album N.E.Br. forma *roseum* (N.E.Br.) G.D.Rowley = **G. album**

angulipes (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.1 m. Alt 200–590 m. WC

blackburniae L.Bolus = **G. heathii**

comptonii (L.Bolus) L.Bolus = **G. heathii**

cryptopodium (Kensit) L.Bolus = **G. nuciforme**

dispar N.E.Br.
Perennial. Succulent. Ht up to 0.06 m. Alt 490–730 m. WC

esterhuyseniae L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 300–450 m. WC

geminum N.E.Br.
Perennial. Succulent. Ht up to 0.06 m. Alt 540–730 m. WC

gibbosum (Haw.) N.E.Br.
G. luteoviride (Haw.) N.E.Br. (2)
G. marlothii N.E.Br. (2)
G. muirii N.E.Br. (2)
G. perviride (Haw.) N.E.Br. (2)
Perennial. Succulent. Ht up to 0.1 m. Alt 420–880 m. WC

haagei Schwantes var. *haagei* = **G. haaglenii**

haagei Schwantes var. *parviflorum* L.Bolus = **G. haaglenii**

haaglenii H.E.K.Hartmann
G. haagei Schwantes var. *haagei* (7)
G. haagei Schwantes var. *parviflorum* L.Bolus (7)
Perennial. Succulent. Ht up to 0.1 m. Alt 175–250 m. WC

heathii (N.E.Br.) L.Bolus
G. blackburniae L.Bolus (2)
G. comptonii (L.Bolus) L.Bolus (2)
G. heathii (N.E.Br.) L.Bolus var. *elevatum* (L.Bolus) L.Bolus (7)
G. heathii (N.E.Br.) L.Bolus var. *majus* (L.Bolus) L.Bolus (7)
G. luckhoffii (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.06 m. Alt 430–700 m. WC

heathii (N.E.Br.) L.Bolus var. *elevatum* (L.Bolus) L.Bolus = **G. heathii**

heathii (N.E.Br.) L.Bolus var. *majus* (L.Bolus) L.Bolus = **G. heathii**

helmiae L.Bolus = **G. nuciforme**

hortenseae (N.E.Br.) Thiede & Klak = **Muiria hortenseae**

johnstonii Van Jaarsv. & S.A.Hammer = **G. nebrownii**

luckhoffii (L.Bolus) L.Bolus = **G. heathii**

luteoviride (Haw.) N.E.Br. = **G. gibbosum**

marlothii N.E.Br. = **G. gibbosum**

molle N.E.Br. = **G. nuciforme**

muirii N.E.Br. = **G. gibbosum**

nebrownii Tischer
G. johnstonii Van Jaarsv. & S.A.Hammer (6)
Imitaria muirii N.E.Br. (7)
Perennial. Succulent. Ht up to 0.03 m. Alt 730–880 m. WC

nuciforme (Haw.) Glen & H.E.K.Hartmann
G. cryptopodium (Kensit) L.Bolus (7)
G. helmiae L.Bolus (7)
G. molle N.E.Br. (7)
Perennial. Succulent. Ht up to 0.04 m. Alt 530–850 m. WC

pachypodium (Kensit) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 400–490 m. WC

perviride (Haw.) N.E.Br. = **G. gibbosum**

petrense (N.E.Br.) Tischer
G. tischleri H.Wulff (7)
Perennial. Succulent. Ht up to 0.05 m. Alt 400–630 m. WC

pilosulum (N.E.Br.) N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt 400–580 m. WC

pubescens (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt 730–880 m. WC

schwantesii Tischer = **G. velutinum**

shandii N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt 700–850 m. WC

tischleri H.Wulff = **G. petrense**

velutinum (L.Bolus) Schwantes
G. schwantesii Tischer (6)
Perennial. Succulent. Ht up to 0.15 m. Alt 650–800 m. WC

GLOTTIPHYLLUM N.E.Br. 2405053

(1) Hartmann & Gölling. 1993. *Bradleya* 11: 1–49.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 42–47.

album L.Bolus, naked name

angustum (Haw.) N.E.Br. = **G. cruciatum**

apiculatum N.E.Br. = **G. cruciatum**

armoedense Schwantes = **G. cruciatum**

arrectum N.E.Br. = **G. surrectum**

barrydalense Schwantes = **G. depressum**

buffelsvleyense Schwantes = **G. depressum**

carnosum N.E.Br.
G. jordaanianum Schwantes (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 400–650 m. WC

cilliersiae Schwantes = **G. linguiforme**

compressum L.Bolus = **G. regium**

concavum N.E.Br. = **G. surrectum**

cruciatum (Haw.) N.E.Br.
G. angustum (Haw.) N.E.Br. (1)
G. apiculatum N.E.Br. (1)
G. armoedense Schwantes (1)
G. longipes N.E.Br. (1)
G. praepingue (Haw.) N.E.Br. (1)
G. rosaliae L.Bolus (1)
Mesembryanthemum angustum Haw. (1)
Mesembryanthemum cruciatum Haw. (1)
Mesembryanthemum praepingue Haw. (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 400–650 m. WC

cultratum (Salm-Dyck) N.E.Br. = **G. longum**

davisii L.Bolus = **G. longum**

depressum (Haw.) N.E.Br.
G. barrydalense Schwantes (1)
G. buffelsvleyense Schwantes (1)
G. fragrans (Salm-Dyck) Schwantes (1)
G. framesii L.Bolus (1)
G. haagei Tischer (1)
G. jacobsenianum Schwantes (1)
G. marlothii Schwantes (1)
G. nuirii N.E.Br. (1)
G. nysiae Schwantes (1)
G. platycarpum L.Bolus (1)
G. proclive N.E.Br. (1)
G. rufescens (Haw.) Tischer (1)
G. starkeae L.Bolus (1)
G. taurinum (Haw.) N.E.Br. (1)
G. uniondalense L.Bolus (1)
Mesembryanthemum angustum Haw. var. *heterophyllum* in sense of Salm-Dyck, not of Haw. (1)
Mesembryanthemum depressum Haw. (1)
Mesembryanthemum depressum Haw. var. *lividum* Haw. (1)
Mesembryanthemum fragrans Salm-Dyck (1)
Mesembryanthemum linguaeforme Haw. (1)
Mesembryanthemum linguaeforme Haw. var. *rufescens* Haw., invalid name (1)
Mesembryanthemum linguiforme L. var. *angustum* (Haw.) A.Berger, invalid name (1)
Mesembryanthemum linguiforme L. var. *fragrans* (Salm-Dyck) A.Berger (1)
Mesembryanthemum longum Haw. var. *declive* Haw. (1)
Mesembryanthemum longum Haw. var. *flaccidum* Haw. (1)
Mesembryanthemum rufescens Haw. (1)
Mesembryanthemum taurinum Haw. (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 500–980 m. WC

difforme (L.) N.E.Br.
G. semicylindricum (Haw.) N.E.Br. (1)
G. subditum N.E.Br. (1)
Mesembryanthemum bidentatum Haw. (1)
Mesembryanthemum bigibberatum Haw. (1)
Mesembryanthemum difforme L. (1)
Mesembryanthemum semicylindricum Haw. (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 450–1300 m. NC, EC

erectum N.E.Br. = **G. longum**

fergusoniae L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 170–350 m. WC

fragrans (Salm-Dyck) Schwantes = **G. depressum**

framesii L.Bolus = **G. depressum**

grandiflorum (Haw.) N.E.Br.
G. lombergii N.E.Br. on herbarium label, naked name (1)
Mesembryanthemum grandiflorum Haw. (1)
Mesembryanthemum linguiforme L. var. *grandiflorum* (Haw.) A.Berger (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 200–890 m. EC

haagei Tischer = **G. depressum**

herrei L.Bolus = **G. suave**

jacobsenianum Schwantes = **G. depressum**

jordaanianum Schwantes = **G. carnosum**

latifolium N.E.Br. = **G. linguiforme**

latum N.E.Br. = **G. longum**

latum N.E.Br. var. *cultratum* (Salm-Dyck) N.E.Br. = **G. longum**

linguiforme (L.) N.E.Br.
G. cilliersiae Schwantes (1)
G. latifolium N.E.Br. (1)
G. ryderae Schwantes (1)
Mesembryanthemum linguiforme L. (1)
Mesembryanthemum linguiforme (L.) N.E.Br. var. *scalpratum* (Haw.) A.Berger (1)
Mesembryanthemum scalpratum Haw., illegitimate name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 270–650 m. WC

lombergii N.E.Br. on herbarium label, naked name = **G. grandiflorum**

longipes N.E.Br. = **G. cruciatum**

longum (Haw.) N.E.Br.
G. cultratum (Salm-Dyck) N.E.Br. (1)
G. davisii L.Bolus (1)
G. erectum N.E.Br. (1)
G. latum N.E.Br. (1)
G. latum N.E.Br. var. *cultratum* (Salm-Dyck) N.E.Br. (1)
G. longum (Haw.) N.E.Br. var. *hamatum* N.E.Br. (1)
G. longum (Haw.) N.E.Br. var. *heterophyllum* (Haw.) G.D.Rowley (1)
G. obliquum (Willd.) N.E.Br. (1)
G. propinquum N.E.Br. (1)
G. pustulatum (Haw.) N.E.Br. (1)
G. uncatum (Salm-Dyck) N.E.Br. (1)
Mesembryanthemum adscendens Haw. (1)
Mesembryanthemum angustum Haw. var. *heterophyllum* Haw. (1)
Mesembryanthemum cultratum Salm-Dyck (1)
Mesembryanthemum latum Haw. (1)
Mesembryanthemum linguiforme in sense of Haw., not of L. (1)
Mesembryanthemum linguiforme L. var. *adscendens* (Haw.) A.Berger (1)
Mesembryanthemum linguiforme L. var. *cultratum* (Salm-Dyck) A.Berger (1)
Mesembryanthemum linguiforme L. var. *depressum* (Haw.) A.Berger, invalid name (1)
Mesembryanthemum linguiforme L. var. *longum* (Haw.) A.Berger (1)
Mesembryanthemum linguiforme L. var. *obliquum* (Willd.) A.Berger (1)
Mesembryanthemum linguiforme L. var. *pustulatum* (Haw.) A.Berger (1)
Mesembryanthemum linguiforme L. var. *uncatum* (Haw.) A.Berger (1)
Mesembryanthemum longum Haw. (1)
Mesembryanthemum longum Haw. var. *uncatum* Haw. (1)
Mesembryanthemum lucidum Haw. (1)
Mesembryanthemum medium Haw. (1)
Mesembryanthemum obliquum Willd. (1)
Mesembryanthemum pustulatum Haw. (1)
Mesembryanthemum pustulatum Haw. var. *lividum* Salm-Dyck (1)
Mesembryanthemum uncatum Salm-Dyck (1)

Perennial. Succulent. Ht up to 0.15 m. Alt 30–650 m. WC, EC

longum (Haw.) N.E.Br. var. *hamatum* N.E.Br. = **G. longum**

longum (Haw.) N.E.Br. var. *heterophyllum* (Haw.) G.D.Rowley = **G. longum**

marlothii Schwantes = **G. depressum**

muirii N.E.Br. = **G. depressum**

neilii N.E.Br.
Perennial. Succulent. Ht up to 0.04 m. Alt 550–980 m. WC

nelii Schwantes
G. pallens L.Bolus (1)
G. pygmaeum L.Bolus (1)
Perennial. Succulent. Ht up to 0.06 m. Alt 780–1100 m. WC, EC

nysiae Schwantes = **G. depressum**

obliquum (Willd.) N.E.Br. = **G. longum**

ochraceum (A.Berger) N.E.Br. = **Malephora ochracea**

oligocarpum L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 370–1020 m. EC

pallens L.Bolus = **G. nelii**

parvifolium L.Bolus = **G. surrectum**

peersii L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 730–950 m. WC, EC

platycarpum L.Bolus = **G. depressum**

praepingue (Haw.) N.E.Br. = **G. cruciatum**

proclive N.E.Br. = **G. depressum**

propinquum N.E.Br. = **G. longum**

pustulatum (Haw.) N.E.Br. = **G. longum**

pygmaeum L.Bolus = **G. nelii**

regium N.E.Br.
G. compressum L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 400–650 m. WC

rosaliae L.Bolus = **G. cruciatum**

rubrostigma L.Bolus = **G. surrectum**

rufescens (Haw.) Tischer = **G. depressum**

ryderae Schwantes = **G. linguiforme**

salmii (Haw.) N.E.Br.
Mesembryanthemum salmii Haw. (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 950–1150 m. WC, EC

semicylindricum (Haw.) N.E.Br. = **G. difforme**

starkeae L.Bolus = **G. depressum**

suave N.E.Br.
G. herrei L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100 m. WC

subditum N.E.Br. = **G. difforme**

surrectum (Haw.) L.Bolus
G. arrectum N.E.Br. (1)
G. concavum N.E.Br. (1)
G. parvifolium L.Bolus (1)
G. rubrostigma L.Bolus (1)
Mesembryanthemum surrectum Haw. (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 800–1100 m. WC

taurinum (Haw.) N.E.Br. = **G. depressum**

uncatum (Salm-Dyck) N.E.Br. = **G. longum**

uniondalense L.Bolus = **G. depressum**

HALLIANTHUS H.E.K.Hartmann 2405150

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 260.
(2) Hartmann. 1983. *Botanische Jahrbücher* 104: 143–169.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 53.
(4) Hammer. 2002. *Cactus and Succulent Journal (US)* 74: 228–232.

griseus S.A.Hammer & U.Schmiedel
Perennial. Succulent. Ht up to 0.06 m. Alt up to 250 m. WC

planus (L.Bolus) H.E.K.Hartmann
Leipoldtia compressa L.Bolus var. *compressa* (2)
Leipoldtia compressa L.Bolus var. *lekkersingensis* L.Bolus (2)
Leipoldtia plana L.Bolus (2)
Perennial. Succulent. Ht up to 0.15 m. Alt up to 1200 m. NC, WC

HAMMERIA Burgoyne 2405190

(1) Burgoyne *et al.* 1998. *Cactus and Succulent Journal (US)* 70: 203–208.
(2) Klak. 2000. *Bothalia* 30: 35–42.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 53, 54.

gracilis Burgoyne
Perennial. Succulent. Ht up to 0.15 m. Alt 1400–1600 m. NC

meleagris (L.Bolus) Klak
H. salteri (L.Bolus) Burgoyne (2)
Perennial. Succulent. Ht up to 0.06 m. Alt 600–700 m. NC, WC

salteri (L.Bolus) Burgoyne = **H. meleagris**

HARTMANTHUS S.A.Hammer 2405189

(1) Hammer. 1995. *Haseltonia* 3: 77–82.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 55.

hallii (L.Bolus) S.A.Hammer
Perennial. Succulent. Ht up to 0.2 m. Alt 190–850 m. N

pergamentaceus (L.Bolus) S.A.Hammer
Delosperma pergamentaceum L.Bolus var. *pergamentaceum* (2)
Delosperma pergamentaceum L.Bolus var. *roseum* Lavis (2)
Perennial. Succulent. Ht up to 0.3 m. Alt 190–1100 m. N, NC

HERERoA (Schwantes) Dinter & Schwantes 2405055

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 56–62.

acuminata L.Bolus
Perennial. Succulent. Ht up to 0.05 m, when in flower. Alt 800–1100 m. WC

albanensis L.Bolus = **Rhombophyllum albanense**

aspera L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 190–550 m. WC

brevifolia L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 950–1200 m. WC

calycina L.Bolus
Perennial. Succulent. Ht up to 0.06 m. Alt 1200–1900 m. EC

cana in sense of L.Bolus, misapplied name = **Bijlia dilatata**

carinans (Haw.) Dinter & Schwantes ex H.Jacobsen
Perennial. Succulent. Ht up to 0.04 m. Alt? 'SA'

concava L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 850–1950 m. WC

crassa L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 800–1100 m. WC

dolabriformis (L.) L.Bolus = **Rhombophyllum dolabriforme**

dyeri L.Bolus = **Rhombophyllum dyeri**

fimbriata L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 850–1000 m. WC

glenensis (N.E.Br.) L.Bolus
Bergeranthus glenensis N.E.Br. (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1750 m. G, FS, NC

gracilis L.Bolus
H. gracilis L.Bolus var. *compressa* L.Bolus (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 900–1300 m. WC

gracilis L.Bolus var. *compressa* L.Bolus = **H. gracilis**

granulata (N.E.Br.) Dinter & Schwantes
Mesembryanthemum granulatum N.E.Br. (1)
Perennial. Succulent. Ht 0.03–0.04 m. Alt 30–240 m. EC

herrei Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 630–1100 m. EC

hesperantha (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum bergerianum Dinter (1)
Mesembryanthemum hesperanthum Dinter & A.Berger (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 450–900 m. N, NC

incurva L.Bolus
Perennial. Succulent. Ht up to 0.07 m, when in flower. Alt 990–1200 m. EC

joubertii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 880–1100 m. WC

latipetala L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 550–1000 m. WC

muirii L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 190–380 m. WC

nelii Schwantes
Perennial. Succulent. Ht up to 0.1 m. Alt 500–880 m. WC

odorata (L.Bolus) L.Bolus
Aridaria odorata (L.Bolus) Schwantes ex H.Jacobsen (1)
Mesembryanthemum odoratum L.Bolus (1)
Nycteranthus odoratus (L.Bolus) Schwantes, illegitimate name (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 190–950 m. WC

pallens L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1000 m. NC

puttkameriana (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum puttkamerianum Dinter & A.Berger (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 250–1250 m. N

rehneltiana (A.Berger) Dinter & Schwantes
Perennial. Succulent. Ht? Alt 960–1500 m. WC

stanfordiae L.Bolus
Perennial. Succulent. Ht up to 0.06 m. Alt 980–1200 m. NC

stanleyi (L.Bolus) L.Bolus = **Chasmatophyllum stanleyi**

stenophylla L.Bolus
Perennial. Succulent. Ht? Alt? 'SA'

tenuifolia L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 190–650 m. WC

teretifolia L.Bolus
Perennial. Succulent. Ht? Alt 300–650 m. NC, WC

tugwelliae in sense of L.Bolus (1927, 1928), not of L.Bolus (1930), misapplied name = **Bijlia dilatata**

tugwelliae (L.Bolus) L.Bolus = **Bijlia tugwelliae**

uncipetala (N.E.Br.) L.Bolus = **H. wilmaniae**

willowmorensis L.Bolus
Perennial. Succulent. Ht up to 0.6 m, when in flower. Alt 700–950 m. WC, EC

wilmaniae L.Bolus
H. uncipetala (N.E.Br.) L.Bolus (1)
H. wilmaniae L.Bolus var. *langebergensis* L.Bolus (1)
Prepodesma uncipetala N.E.Br. (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 1200–1600 m. NC

wilmaniae L.Bolus var. *langebergensis* L.Bolus = **H. wilmaniae**

HERREA Schwantes 2405056

acocksii L.Bolus = **Conicosia elongata**

affinis (N.E.Br.) L.Bolus = **Conicosia elongata**

alba L.Bolus = **Conicosia elongata**

albolutea L.Bolus = **Conicosia elongata**

blanda L.Bolus = **Conicosia elongata**

brevisepala L.Bolus = **Conicosia elongata**

caledonica L.Bolus = **Conicosia pugioniformis** subsp. **pugioniformis**

elongata (Haw.) L.Bolus var. *elongata* = **Conicosia elongata**

elongata (Haw.) L.Bolus var. *minor* (Haw.) L.Bolus = **Conicosia elongata**

excavata L.Bolus = **Conicosia elongata**

fusiformis (Haw.) L.Bolus = **Conicosia elongata**

grandis L.Bolus = **Conicosia elongata**

gydouwensis L.Bolus = **Conicosia elongata**

inaequalis L.Bolus = **Conicosia elongata**

klaverensis L.Bolus = **Conicosia elongata**

laticalyx L.Bolus = **Conicosia elongata**

macrocalyx L.Bolus = **Conicosia elongata**

nelii Schwantes = **Conicosia elongata**

obtusa L.Bolus = **Conicosia elongata**

plana L.Bolus = **Conicosia elongata**

porcina L.Bolus = **Conicosia elongata**

robusta (N.E.Br.) L.Bolus = **Conicosia elongata**

ronaldii L.Bolus = **Conicosia elongata**

roodiae (N.E.Br.) L.Bolus = **Conicosia elongata**

stipitata L.Bolus = **Conicosia elongata**

HERREANTHUS Schwantes 2405057

meyeri Schwantes = **Conophytum herreanthus** subsp. **herreanthus**

HYMENOGYNE Haw. 2405059

(1) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 63, 64.

conica L.Bolus
Annual. Succulent. Ht up to 0.18 m, when in flower. Alt 420–850 m. WC

glabra (Aiton) Haw.
Annual. Succulent. Ht up to 0.15 m. Alt 30–550 m. WC

IHLENFELDTIA H.E.K.Hartmann 2405161

(1) Hartmann & Dehn. 1987. *Botanische Jahrbücher* 108: 567–663.
(2) Hartmann. 1992. *Botanische Jahrbücher* 114: 29–50.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 64, 65.

excavata (L.Bolus) H.E.K.Hartmann
Cheiridopsis albirosea L.Bolus (1)
Cheiridopsis dilatata L.Bolus (1)
Cheiridopsis excavata L.Bolus (1)
Cheiridopsis vanbredai L.Bolus (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 770–1050 m. NC

vanzylii (L.Bolus) H.E.K.Hartmann
Cheiridopsis papillata L.Bolus (1)
Cheiridopsis richardiana L.Bolus (2)
Cheiridopsis vanzijlii L.Bolus (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 1070–1150 m. NC

IMITARIA N.E.Br. 2405060

muirii N.E.Br. = **Gibbaeum nebrownii**

JACOBSENIA L.Bolus & Schwantes emend. Ihlenf. 2405061

(1) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 65–67.

hallii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 170–230 m. NC, WC

kolbei (L.Bolus) L.Bolus & Schwantes
Perennial. Succulent. Ht up to 0.5 m. Alt 190–370 m. WC

vaginata (L.Bolus) Ihlenf.
Anisocalyx salarius L.Bolus (1)
Anisocalyx vaginatus (L.Bolus) L.Bolus (1)
Anysocalyx vaginatus (L.Bolus) L.Bolus (1)
Drosanthemopsis salaria (L.Bolus) Rauschert (1)
Drosanthemopsis vaginata (L.Bolus) Rauschert (1)
Drosanthemum vaginatum L.Bolus (1)
Perennial. Succulent. Ht 0.08–0.2 m. Alt 50–550 m. WC

JENSENOBOTRYA A.G.J.Herre 2405062

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 67.

lossowiana A.G.J.Herre
Perennial. Succulent. Ht up to 0.25 m. Alt 20–100 m. N

vanheerdei L.Bolus = **Stoeberia carpii**

JORDAANIELLA H.E.K.Hartmann 2405145

(1) Bolus. 1962. *The Flowering Plants of Africa* 35: tt. 1397, 1398.
(2) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
(3) Hartmann. 1984. *Botanische Jahrbücher* 104: 321–360.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 67–69.

clavifolia (L.Bolus) H.E.K.Hartmann
Cephalophyllum clavifolium (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 10–220 m. NC

cuprea (L.Bolus) H.E.K.Hartmann
Cephalophyllum cupreum L.Bolus (3)
Cephalophyllum luxurians Dinter, naked name (3)
Perennial. Succulent. Ht up to 0.12 m. Alt 10–100 m. N, NC

dubia (Haw.) H.E.K.Hartmann
Cephalophyllum albertiniense (L.Bolus) Schwantes (3)
Cephalophyllum anemoniflorum (L.Bolus) N.E.Br. (3)
Cephalophyllum dubium (Haw.) N.E.Br. (3)
Cephalophyllum maritimum (L.Bolus) Schwantes (3)
Cephalophyllum pittenii L.Bolus (3)
Cephalophyllum procumbens (Haw.) Schwantes (3)
Cephalophyllum vanputtenii L.Bolus (3)
Cephalophyllum watermeyeri L.Bolus (3)
Perennial. Succulent. Ht up to 0.08 m. Alt 10–200 m. WC

spongiosa (L.Bolus) H.E.K.Hartmann
Cephalophyllum spongiosum (L.Bolus) L.Bolus (4)
Perennial. Succulent. Ht up to 0.3 m. Alt 20–150 m. NC

uniflora (L.Bolus) H.E.K.Hartmann
Cephalophyllum uniflorum L.Bolus (3)
Perennial. Succulent. Ht up to 0.08 m. Alt 10–100 m. NC

JUTTADINTERIA Schwantes 2405063

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 273.
(2) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1273.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 70–72.

albata (L.Bolus) L.Bolus
Mesembryanthemum albatum L.Bolus (3)
Perennial. Succulent. Ht up to 0.2 m. Alt 50–590 m. N, NC

attenuata Walgate
Perennial. Succulent. Ht up to 0.1 m. Alt? N, NC

ausensis (L.Bolus) Schwantes
J. suavissima (Dinter) Schwantes (3)
Perennial. Succulent. Ht up to 0.15 m. Alt up to 1700 m. N

decumbens Schick & Tischer = **J. deserticola**

deserticola (Marloth) Schwantes
J. decumbens Schick & Tischer (3)
J. elizae (Dinter & A.Berger) L.Bolus (3)
J. insolita (L.Bolus) L.Bolus (3)

J. tetrasepala L.Bolus (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 50–750 m. N, NC

elizae (Dinter & A.Berger) L.Bolus = **J. deserticola**

insolita (L.Bolus) L.Bolus = **J. deserticola**

kovisimontana (Dinter) Schwantes = **J. simpsonii**

longipetala L.Bolus = **Namibia cinerea**

proxima L.Bolus = **Dracophilus dealbatus**

simpsonii (Dinter) Schwantes
J. kovisimontana (Dinter) Schwantes (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 530–590 m. N

suavissima (Dinter) Schwantes = **J. ausensis**

tetrasepala L.Bolus = **J. deserticola**

KENSITIA Fedde 2405064

pillansii (Kensit) Fedde = **Erepsia pillansii**

KHADIA N.E.Br. 2405065

(1) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1263.
(2) Chesselet & Hartmann. 1995. *Aloe* 32: 46–49.
(3) Chesselet *et al.* 1998. *Bothalia* 28: 25–33.
(4) Winter & Hahn. 1999. *Aloe* 36: 16–19.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 72–74.

acutipetala (N.E.Br.) N.E.Br.
K. nationae (N.E.Br.) N.E.Br. (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1779 m. NW, G

alticola Chesselet & H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.1 m. Alt up to 2331 m. M, KZN

beswickii (L.Bolus) N.E.Br.
K. nelsoniae N.E.Br. (2)
Perennial. Succulent. Ht up to 0.08 m. Alt 1600–1700 m. G

borealis L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 1500–1730 m. LIM

carolinensis (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.8 m. Alt 1690–2015 m. M

media P.Winter & N.Hahn
Perennial. Succulent. Ht up to 0.1 m. Alt 1500–1870 m. LIM

nationae (N.E.Br.) N.E.Br. = **K. acutipetala**

nelsoniae N.E.Br. = **K. beswickii**

LAMPRANTHUS N.E.Br. 2405066

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 253, 263.
(2) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 413.
(3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1012.
(4) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1064.
(5) Hartmann. 1998. *Bradleya* 16: 44–91.
(6) Hartmann. 1999. *Bradleya* 17: 38–74.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 75–108.
(8) Klak. 2001. *Phylogeny and character evolution in the* Lampranthus *group (Aizoaceae–Ruschioideae).* Unpublished Ph.D. thesis, University of Cape Town.
(9) Hartmann. 2001. *Bradleya* 19: 83–90.

acrosepalus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.18–0.25 m. Alt 600–800 m. WC

acutifolius (L.Bolus) N.E.Br.
Perennial. Succulent. Ht ± 0.4 m. Alt 330–750 m. WC

aduncus (Haw.) N.E.Br.
Perennial. Succulent. Ht? Alt? 'CP'

aestivus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

affinis L.Bolus
Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m. WC

albus (L.Bolus) L.Bolus = **Oscularia alba**

algoensis L.Bolus
Perennial. Succulent. Ht? Alt 20–100 m. EC

alpinus (L.Bolus) G.D.Rowley = **Esterhuysenia alpina**

altistylus N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

amabilis L.Bolus
Perennial. Succulent. Ht? Alt 30–360 m. WC

amoenus (Salm-Dyck ex DC.) N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

amphibolius (G.D.Rowley) H.E.K.Hartmann
Amphibolia hallii (L.Bolus) L.Bolus ex Tölken & Jessop (5)
Ruschia amphibolia G.D.Rowley (5)
Stoeberia hallii L.Bolus (5)
Perennial. Succulent. Ht? Alt? 'CP'

antemeridianus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

antonii L.Bolus
Perennial. Succulent. Ht? Alt 500–850 m. WC

arbuthnotiae (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

arenarius H.E.K.Hartmann
Ruschia arenosa L.Bolus (5)
Perennial. Succulent. Ht 0.2–0.3 m. Alt 850–1500 m. NC

arenicola L.Bolus
Perennial. Succulent. Ht? Alt? WC

arenosus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m. WC

argenteus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m. WC

argillosus L.Bolus
Perennial. Succulent. Ht ± 0.2 m. Alt? WC

aurantiacus (DC.) Schwantes = **L. glaucoides**

aureus (L.) N.E.Br.
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–200 m. WC

austricola (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

baylissii L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

berghiae (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

bicolor (L.) N.E.Br.
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

bicolorus (L.) N.E.Br.
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

bicolorus (L.) N.E.Br. var. *inaequale* (Haw.) Schwantes = **L. inaequalis**

blandus (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m. WC, EC

bolusiae Schwantes ex H.Jacobsen = **L. dilutus**

borealis L.Bolus
Perennial. Succulent. Ht 0.18–0.25 m. Alt 20–470 m. N, NC

brachyandrus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m. N, NC

brevistaminus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.14 m. Alt 1100–2000 m. WC

brownii (Hook.f.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m. WC

caespitosus (L.Bolus) N.E.Br.
L. caespitosus (L.Bolus) N.E.Br. var. *luxurians* (L.Bolus) H.Jacobsen (7)
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

caespitosus (L.Bolus) N.E.Br. var. *luxurians* (L.Bolus) H.Jacobsen = **L. caespitosus**

calcaratus (Wolley-Dod) N.E.Br.
Perennial. Succulent. Ht up to 0.26 m. Alt 20–80 m. WC

candidus L.Bolus
Perennial. Succulent. Ht 0.25–0.3 m. Alt 300–980 m. WC

capillaceus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt? WC

capornii (L.Bolus) L.Bolus = **Ruschia capornii**

caudatus L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 20–190 m. WC

cedarbergensis (L.Bolus) L.Bolus = **Oscularia cedarbergensis**

ceriseus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

citrinus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m. WC

coccineus (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m. WC

compressus L.Bolus = **Oscularia compressa**

comptonii (L.Bolus) N.E.Br. forma *roseus* (L.Bolus) G.D.Rowley = **Oscularia comptonii**

comptonii (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus) L.Bolus forma *angustifolius* = **Oscularia comptonii**

comptonii (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus) L.Bolus forma *roseus* (L.Bolus) G.D.Rowley = **Oscularia comptonii**

comptonii (L.Bolus) N.E.Br. var. *comptonii* = **Oscularia comptonii**

comptonii (L.Bolus) N.E.Br. var. *roseus* (L.Bolus) L.Bolus ex H.Jacobsen = **Oscularia comptonii**

conspicuus (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt? WC

convexus (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 300–800 m. WC

coralliflorus (Salm-Dyck) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt? EC

creber L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m. WC

curviflorus (Haw.) H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m. WC, EC

curvifolius (Haw.) N.E.Br.
Perennial. Succulent. Ht? Alt? 'CP'

curvifolius (Haw.) N.E.Br. var. *minor* (Salm-Dyck) G.D.Rowley = **L. flexifolius**

cyathiformis (L.Bolus) N.E.Br.
Perennial. Succulent. Ht ± 0.2 m. Alt? 'CP'

debilis (Haw.) N.E.Br.
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

deflexus (Aiton) N.E.Br.
Perennial. Succulent. Ht? Alt? WC

deltoides (L.) Glen = **Oscularia deltoides**

deltoides (L.) Glen var. *caulescens* (Mill.) G.D.Rowley = **Oscularia caulescens**

densifolius (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m. WC

densipetalus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.26 m. Alt up to 1200 m. NC

dependens (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 50–650 m. WC

diffusus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m. WC

dilutus N.E.Br.
L. bolusiae Schwantes ex H.Jacobsen (8)
Mesembryanthemum pallidum L.Bolus (7)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m. WC

disgregus (N.E.Br.) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. NC, WC

dissimilis (G.D.Rowley) H.E.K.Hartmann

Amphibolia staynerii L.Bolus ex Tölken & Jessop (5)
Amphibolia stayneri L.Bolus, illegitimate name (5)
Ruschia dissimilis G.D.Rowley (5)
Perennial. Succulent. Ht up to 0.05 m. Alt 500–900 m. WC

diutinus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

dregeanus (Sond.) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–600 m. WC

drepanophyllus (Schltr. & A.Berger) N.E.Br. = **Esterhuysenia drepanophylla**

dubitans (L.Bolus) L.Bolus
Ruschia dubitans (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht ± 0.16 m. Alt? WC

dulcis (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. WC

dyckii (A.Berger) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. NC, WC

ebracteatus L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt? WC

edwardsiae (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 300–600 m. WC

egregius (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m. WC

elegans (Jacq.) Schwantes
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

emarginatoides (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

emarginatus (L.) N.E.Br.
L. emarginatus (L.) N.E.Br. var. *puniceus* (Jacq.) Schwantes (7)
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

emarginatus (L.) N.E.Br. var. *puniceus* (Jacq.) Schwantes = **L. emarginatus**

ernestii (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

erratus N.E.Br.
Perennial. Succulent. Ht? Alt? WC, EC

esterhuyseniae L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. NC

excedens (L.Bolus) L.Bolus = **Oscularia excedens**

eximius L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m. WC

explanatus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.03–0.08 m. Alt 10–100 m. WC

falcatus (L.) N.E.Br.
L. falcatus (L.) N.E.Br. var. *galpinii* (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.3 m. Alt? WC

falcatus (L.) N.E.Br. var. *galpinii* (L.Bolus) L.Bolus = **L. falcatus**

falciformis (Haw.) N.E.Br.
L. falciformis (Haw.) N.E.Br. var. *maritimus* (L.Bolus) L.Bolus (8)
Mesembryanthemum falciforme Haw. (8)
Mesembryanthemum maritimum L.Bolus, illegitimate name (8)
Oscularia falciformis (Haw.) H.E.K.Hartmann (8)
Perennial. Succulent. Ht 0.19–0.3 m. Alt 300–980 m. WC

falciformis (Haw.) N.E.Br. var. *maritimus* (L.Bolus) L.Bolus = **L. falciformis**

fergusoniae (L.Bolus) L.Bolus
L. fergusoniae (L.Bolus) L.Bolus var. *crassistigma* L.Bolus (7)
Perennial. Succulent. Ht? Alt? WC

fergusoniae (L.Bolus) L.Bolus var. *crassistigma* L.Bolus = **L. fergusoniae**

filicaulis (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt 20–80 m. WC

flexifolius (Haw.) N.E.Br.
L. curvifolius (Haw.) N.E.Br. var. *minor* (Salm-Dyck) G.D.Rowley (7)
Perennial. Succulent. Ht? Alt? 'CP'

flexilis (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

foliosus L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

formosus (Haw.) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

framesii (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt? WC

francesiae H.E.K.Hartmann
Ruschia leightoniae L.Bolus (5)
Perennial. Succulent. Ht up to 0.12 m. Alt 300–850 m. WC

franciscii L.Bolus
Perennial. Succulent. Ht up to 0.6 m. Alt 500–950 m. WC

fugitans L.Bolus
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

furvus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

galpiniae (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.2 m. Alt 20–220 m. WC

glaucoides (Haw.) N.E.Br.
L. aurantiacus (DC.) Schwantes (7)
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m. WC

glaucus (L.) N.E.Br.
L. glaucus (L.) N.E.Br. var. *tortuosus* (Salm-Dyck) Schwantes (8)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m. WC

glaucus (L.) N.E.Br. var. *tortuosus* (Salm-Dyck) Schwantes = **L. glaucus**

globosus (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. WC

glomeratus (L.) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

godmaniae (L.Bolus) L.Bolus
L. godmaniae (L.Bolus) L.Bolus var. *grandiflorus* (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht 0.5–0.7 m. Alt up to 1200 m. NC

godmaniae (L.Bolus) L.Bolus var. *grandiflorus* (L.Bolus) L.Bolus = **L. godmaniae**

gracilipes (L.Bolus) N.E.Br.
L. gracilipes (L.Bolus) N.E.Br. forma *luxurians* L.Bolus (8)
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. NC, WC

gracilipes (L.Bolus) N.E.Br. forma *luxurians* L.Bolus = **L. gracilipes**

guthrieae (L.Bolus) N.E.Br. = **Oscularia guthriae**

gydouwensis L.Bolus
Amphibolia gydouwensis (L.Bolus) L.Bolus ex Tölken & Jessop (7)
Ruschia gydouwensis (L.Bolus) G.D.Rowley (7)
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 300–550 m. WC

hallii L.Bolus
Perennial. Succulent. Ht up to 0.36 m. Alt 150–380 m. WC

haworthii (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m. WC

henricii (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.35 m. Alt 300–1000 m. WC

hiemalis (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 300–1000 m. WC

hoerleinianus (Dinter) Friedrich
Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m. N, NC

holensis L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 120–270 m. NC

hollandii (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 10–350 m. EC

hurlingii (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.3–0.45 m. Alt 300–450 m. WC

imbricans (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

immelmaniae (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m. WC

inaequalis (Haw.) N.E.Br.
L. bicolorus (L.) N.E.Br. var. *inaequale* (Haw.) Schwantes (7)
Perennial. Succulent. Ht up to 0.3 m. Alt 50–450 m. WC

inconspicuus (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m. WC

incurvus (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m. WC, EC

intervallaris L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 800–1150 m. WC

laetus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

lavisii (L.Bolus) L.Bolus
L. lavisii (L.Bolus) L.Bolus var. *concinnus* L.Bolus (8)
Perennial. Succulent. Ht 0.25–0.35 m. Alt 100–400 m. EC

lavisii (L.Bolus) L.Bolus var. *concinnus* L.Bolus = **L. lavisii**

laxifolius (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.25 m. Alt? WC

leightoniae (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

leipoldtii (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–600 m. WC

leptaleon (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

leptosepalus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–850 m. WC

lerouxiae (L.Bolus) N.E.Br. = **Ruschia lerouxii**

lewisiae (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.075 m. Alt 800–900 m. WC

liberalis (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

littlewoodii L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. NC, WC

longistamineus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m. WC

lunatus (Willd.) N.E.Br. = **Oscularia lunata**

lunulatus (A.Berger) L.Bolus
Perennial. Succulent. Ht? Alt 300–850 m. WC

macrocarpus (A.Berger) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

macrosepalus (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

macrostigma L.Bolus
Perennial. Succulent. Ht 0.13–0.22 m. Alt 300–950 m. WC

magnificus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.1–0.15 m. Alt 30–1000 m. WC

marcidulus N.E.Br.

Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m. WC

marginatus (L.Bolus) H.E.K.Hartmann
Ruschia marginata L.Bolus (5)
Perennial. Succulent. Ht? Alt 300–980 m. WC

mariae (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.35 m. Alt 300–1000 m. WC

martleyi (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

maturus N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

matutinus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m. WC

microsepalus L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

microstigma (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m. WC

middlemostii (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC

montaguensis (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m. WC

monticola (L.Bolus) L.Bolus = **L. stenus**

mucronatus L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 700–1400 m. WC

multiradiatus (Jacq.) N.E.Br.
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m. WC, EC

multiseriatus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

mutans (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 100–350 m. EC

mutatus (G.D.Rowley) H.E.K.Hartmann
Amphibolia littlewoodii (L.Bolus) L.Bolus ex Tölken & Jessop (5)
Ruschia mutata G.D.Rowley (5)
Stoeberia littlewoodii L.Bolus (5)
Perennial. Succulent. Ht? Alt 300–1000 m. WC

nardouwensis (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m. WC

nelii L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m. WC

neostayneri L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m. WC

obconicus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 820–1500 m. NC, WC

occultans L.Bolus
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m. WC

ornatus L.Bolus = **Oscularia ornata**

otzenianus (Dinter) Friedrich
Drosanthemum otzenianum (Dinter) Friedrich (7)
L. uniflorus (L.Bolus) L.Bolus var. *spathulatus* L.Bolus ex H.Jacobsen (7)
Psilocaulon otzenianum (Dinter) L.Bolus (7)
Perennial. Succulent. Ht 0.2–0.45 m. Alt up to 1200 m. N, NC, WC

paardebergensis (L.Bolus) L.Bolus = **Oscularia paardebergensis**

paarlensis L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m. WC

pakhuisensis (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

pakpassensis H.E.K.Hartmann
Ruschia pakhuisensis L.Bolus (5)
Perennial. Succulent. Ht up to 0.3 m. Alt 450–950 m. WC

palustris (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m. WC

parcus N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

pauciflorus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1500 m. WC, EC

paucifolius (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 820–1500 m. NC, WC

peacockiae (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.02–0.04 m. Alt 240–360 m. WC

peersii (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 250–440 m. WC

perreptans L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

persistens (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 1200–1780 m. WC

piquetbergensis (L.Bolus) L.Bolus = **Oscularia piquetbergensis**

plautus N.E.Br.
Perennial. Succulent. Ht ± 0.26 m. Alt up to 1200 m. NC

pleniflorus L.Bolus
Perennial. Succulent. Ht? Alt 300–650 m. WC

plenus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

pocockiae (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.14 m. Alt 1100–2000 m. WC

polyanthon (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

praecipitatus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m. EC

prasinus L.Bolus = **Oscularia prasina**

productus (Haw.) N.E.Br.
L. productus (Haw.) N.E.Br. var. *lepidus* (Haw.) Schwantes (7)
L. productus (Haw.) N.E.Br. var. *purpureus* (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m. WC, EC

productus (Haw.) N.E.Br. var. *lepidus* (Haw.) Schwantes = **L. productus**

productus (Haw.) N.E.Br. var. *purpureus* (L.Bolus) L.Bolus = **L. productus**

profundus (L.Bolus) H.E.K.Hartmann
Ruschia profunda L.Bolus (5)
Perennial. Succulent. Ht up to 0.35 m. Alt 300–980 m. WC

prominulus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

promontorii (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.25 m. Alt 50–310 m. WC

proximus L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m. WC

punctulatus (L.Bolus) L.Bolus = **Ruschia punctulata**

purpureus L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–600 m. WC

rabiesbergensis (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m. WC

recurvus (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m. WC

reptans (Aiton) N.E.Br.
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt 30–300 m. WC

roseus (Willd.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m. WC, EC

ruber (L.Bolus) L.Bolus = **Astridia rubra**

rubroluteus (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.18–0.25 m. Alt 600–800 m. WC

rupestris (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 100–330 m. WC

rustii (A.Berger) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m. WC

salicola (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m. WC

salteri (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m. WC

saturatus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. NC, WC

sauerae (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m. WC

scaber (L.) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m. WC

schlechteri (Zahlbr.) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt ± 160 m. WC

serpens (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt 30–300 m. WC

simulans L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 40–300 m. WC

sociorum (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.04–0.05 m. Alt 140–320 m. WC

sparsiflorus L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1500 m. WC, EC

spectabilis (Haw.) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

spiniformis (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m. WC

staminodiosus (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.13–0.22 m. Alt 300–950 m. WC

stanfordiae L.Bolus
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m. WC

stayneri (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m. EC

steenbergensis (L.Bolus) L.Bolus = **Oscularia steenbergensis**

stenopetalus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.12–0.25 m. Alt 170–350 m. WC

stenus (Haw.) N.E.Br.
L. monticola (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.3 m. Alt 30–900 m. WC

stephanii (Schwantes) Schwantes
Perennial. Succulent. Ht? Alt? WC

sternens L.Bolus
Perennial. Succulent. Ht 0.03–0.08 m. Alt 10–100 m. WC

stipulaceus (L.) N.E.Br.
Mesembryanthemum stipulaceum L. (9)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–320 m. WC

suavissimus (L.Bolus) L.Bolus
L. suavissimus (L.Bolus) L.Bolus var. *oculatus* (L.Bolus) L.Bolus (7)
L. suavissimus (L.Bolus) L.Bolus var. *suavissimus* forma *fera* (L.Bolus) L.Bolus (7)

Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m. N, NC

suavissimus (L.Bolus) L.Bolus var. *oculatus* (L.Bolus) L.Bolus = **L. suavissimus**

suavissimus (L.Bolus) L.Bolus var. *suavissimus* forma *fera* (L.Bolus) L.Bolus = **L. suavissimus**

subaequalis (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.28 m. Alt 950–1150 m. WC

sublaxus (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 800–1150 m. WC

subrotundus L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

subtruncatus L.Bolus
L. subtruncatus L.Bolus var. *wupperthalensis* L.Bolus (7)
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC

subtruncatus L.Bolus var. *wupperthalensis* L.Bolus = **L. subtruncatus**

superans (L.Bolus) L.Bolus = **Oscularia superans**

swartbergensis (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 1100–2130 m. WC

swartkopensis Strohschn.
Perennial. Succulent. Ht? Alt? 'SA'

tegens (F.Muell.) N.E.Br.
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

tenuifolius (L.) N.E.Br.
Perennial. Succulent. Ht 0.1–0.15 m. Alt 30–1000 m. WC

tenuis L.Bolus
Perennial. Succulent. Ht up to 0.26 m. Alt 20–80 m. WC

thermarum (L.Bolus) L.Bolus = **Oscularia thermarum**

tulbaghensis (A.Berger) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt? WC

turbinatus (Jacq.) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC

uncus (L.Bolus) Schwantes
Ruschia unca (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.25 m. Alt 2000–2200 m. WC

uniflorus (L.Bolus) L.Bolus
Drosanthemum uniflorum (L.Bolus) Friedrich ex H.Jacobsen (7)
Perennial. Shrub, succulent. Ht 0.2–0.45 m. Alt 600–1400 m. NC, WC

uniflorus (L.Bolus) L.Bolus var. *spathulatus* L.Bolus ex H.Jacobsen = **L. otzenianus**

vallis-gratiae (Schltr. & A.Berger) N.E.Br.
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC

vanheerdei L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. NC

vanputtenii (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. WC

vanzijliae (L.Bolus) N.E.Br.
Perennial. Succulent, creeping. Ht 0.05–0.12 m. Alt 300–550 m. WC

variabilis (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m. WC

verecundus (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC

vernalis (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m. WC

vernicolor (L.Bolus) L.Bolus = **Oscularia vernicolor**

verruculatus (L.) L.Bolus = **Scopelogena verruculata**

viatorum (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 500–1100 m. NC

villiersii (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.12–0.25 m. Alt 170–350 m. WC

violaceus (DC.) Schwantes in H.Jacobsen
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC

virgatus L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m. WC

vredenburgensis L.Bolus = **Oscularia vredenburgensis**

walgateae L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–850 m. WC

watermeyeri (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. NC

woodburniae (L.Bolus) N.E.Br.
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt 30–300 m. WC

wordsworthiae (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt? WC

zeyheri (Salm-Dyck) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m. EC

LAPIDARIA (Dinter & Schwantes) N.E.Br. 2405067

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 109.

margaretae (Schwantes) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.08 m. Alt 660–1100 m. N, NC

LEIPOLDTIA L.Bolus 2405068

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 256, 260.
(2) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
(3) Hartmann. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 93–187.
(4) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(5) Hartmann & Rust. 1994. *Verhandelungen des Naturwissenschaftlichen Vereins Hamburg* 34: 275–351.
(6) Hartmann. 1999. *Bradleya* 17: 38–74.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 109–114.

alborosea (L.Bolus) H.E.K.Hartmann & Stüber
Eberlanzia vanheerdei L.Bolus (4)
Mesembryanthemum alboroseum L.Bolus (7)

Perennial. Succulent. Ht up to 0.3 m. Alt 200–1200 m. N, NC

amplexicaulis (L.Bolus) L.Bolus forma *amplexicaulis* = **L. schultzei**

amplexicaulis (L.Bolus) L.Bolus forma *fera* L.Bolus = **L. schultzei**

aprica (A.Berger) L.Bolus = **L. schultzei**

brevifolia L.Bolus = **L. schultzei**

britteniae (L.Bolus) L.Bolus = **L. schultzei**

calandra (L.Bolus) L.Bolus
Mesembryanthemum calandrum L.Bolus (5)
Perennial. Succulent. Ht up to 0.11 m. Alt up to 1200 m. NC

compacta L.Bolus
Ruschia gibbosa L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 900–1200 m. NC

compressa L.Bolus var. *compressa* = **Hallianthus planus**

compressa L.Bolus var. *lekkersingensis* L.Bolus = **Hallianthus planus**

constricta (L.Bolus) L.Bolus = **L. schultzei**

framesii L.Bolus = **L. laxa**

frutescens (L.Bolus) H.E.K.Hartmann
Cephalophyllum frutescens L.Bolus (2)
Cephalophyllum frutescens L.Bolus var. *decumbens* L.Bolus (3)
Perennial. Succulent. Ht up to 0.6 m. Alt 30–180 m. NC, WC

herrei (Schwantes) Schwantes = **L. schultzei**

jacobseniana Schwantes = **L. schultzei**

klaverensis L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 120–350 m. NC, WC

laxa L.Bolus
L. framesii L.Bolus (5)
Perennial. Succulent. Ht up to 0.35 m. Alt 190–650 m. NC, WC

lunata H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.4 m. Alt 190–1220 m. NC

nelii L.Bolus = **L. schultzei**

pauciflora L.Bolus = **L. schultzei**

plana L.Bolus = **Hallianthus planus**

rosea L.Bolus
Cephalophyllum calvinianum L.Bolus (5)
Cephalophyllum roseum (L.Bolus) L.Bolus (3)
Perennial. Succulent. Ht up to 0.1 m. Alt 180–320 m. NC, WC

schultzei (Schltr. & Diels) Friedrich
L. amplexicaulis (L.Bolus) L.Bolus forma *amplexicaulis* (5)
L. amplexicaulis (L.Bolus) L.Bolus forma *fera* L.Bolus (5)
L. aprica (A.Berger) L.Bolus (5)
L. brevifolia L.Bolus (5)
L. britteniae (L.Bolus) L.Bolus (5)
L. constricta (L.Bolus) L.Bolus (5)
L. herrei (Schwantes) Schwantes (5)
L. jacobseniana Schwantes (5)
L. nelii L.Bolus (5)
L. pauciflora L.Bolus (5)
Mesembryanthemum amplexicaulis L.Bolus (5)
Mesembryanthemum apricum A.Berger (5)
Mesembryanthemum britteniae L.Bolus (5)
Mesembryanthemum constrictum L.Bolus (5)
Mesembryanthemum schultzei Schltr. & Diels (5)
Rhopalocyclus herrei Schwantes (5)
Rhopalocyclus nelii Schwantes (5)
Perennial. Succulent. Ht 0.1–0.7 m. Alt 230–1200 m. NC, WC, EC

uniflora L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt up to 1200 m. NC

weigangiana (Dinter) Dinter & Schwantes subsp. **grandiflora** (L.Bolus) H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.35 m. Alt? N, NC

weigangiana (Dinter) Dinter & Schwantes subsp. **littlewoodii** (L.Bolus) H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.3 m. Alt? N, NC

weigangiana (Dinter) Dinter & Schwantes subsp. **weigangiana**
Cephalophyllum weigangianum (Dinter) Dinter & Schwantes (5)
Mesembryanthemum weigangianum Dinter (5)
Rhopalocyclus weigangianus (Dinter) Dinter & Schwantes (5)
Perennial. Succulent. Ht up to 0.35 m. Alt? N, NC

LITHOPS N.E.Br. 2405069

(1) Cole & Glen. 1984. *The Flowering Plants of Africa* 48: tt. 1895A, 1895B.
(2) Cole. 1988. *Lithops: flowering stones*: 1–254.
(3) Cole. 1990. *The Flowering Plants of Africa* 51: tt. 2005A, 2005B.
(4) Hammer & Uijs. 1994. *Aloe* 31: 36–38
(5) Hammer. 1999. *Lithops—treasures of the veld*: 1–148.
(6) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 114–135.

alpina Dinter = **L. pseudotruncatella** subsp. **pseudotruncatella** var. **pseudotruncatella**

annae de Boer = **L. gesineae** var. **annae**

archerae de Boer = **L. pseudotruncatella** subsp. **archerae**

aucampiae L.Bolus subsp. **aucampiae**
L. aucampiae L.Bolus subsp. *aucampiae* var. *koelemanii* (de Boer) D.T.Cole (6)
L. koelemanii de Boer (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1640 m. NW, NC

aucampiae L.Bolus subsp. *aucampiae* var. *koelemanii* (de Boer) D.T.Cole = **L. aucampiae** subsp. **aucampiae**

aucampiae L.Bolus subsp. **euniceae** (de Boer) D.T.Cole
L. aucampiae L.Bolus subsp. *euniceae* (de Boer) D.T.Cole var. *fluminalis* D.T.Cole (6)
L. aucampiae L.Bolus var. *euniceae* de Boer (2)
L. aucampiae L.Bolus var. *fluminalis* D.T.Cole (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1250 m. NC

aucampiae L.Bolus subsp. *euniceae* (de Boer) D.T.Cole var. *fluminalis* D.T.Cole = **L. aucampiae** subsp. **euniceae**

aucampiae L.Bolus var. *euniceae* de Boer = **L. aucampiae** subsp. **euniceae**

aucampiae L.Bolus var. *fluminalis* D.T.Cole = **L. aucampiae** subsp. **euniceae**

aurantiaca L.Bolus = **L. hookeri**

bella N.E.Br. var. *bella* = **L. karasmontana** subsp. **bella**

bella N.E.Br. var. *eberlanzii* (Dinter & Schwantes) de Boer & Boom = **L. karasmontana** subsp. **eberlanzii**

bella N.E.Br. var. *lericheana* (Dinter & Schwantes) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

brevis L.Bolus = **L. dinteri** subsp. **dinteri**

bromfieldii L.Bolus
L. bromfieldii L.Bolus var. *glaudinae* (de Boer) D.T.Cole (6)
L. bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn (6)
L. bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn forma *sulphurea* Y.Shimada (2)
L. bromfieldii L.Bolus var. *mennellii* (L.Bolus) B.Fearn (6)
L. glaudinae de Boer (2)
L. insularis L.Bolus (6)
L. mennellii L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 980–1300 m. NC

bromfieldii L.Bolus var. *glaudinae* (de Boer) D.T.Cole = **L. bromfieldii**

bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn = **L. bromfieldii**

bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn forma *sulphurea* Y.Shimada = **L. bromfieldii**

bromfieldii L.Bolus var. *mennellii* (L.Bolus) B.Fearn = **L. bromfieldii**

christinae de Boer = **L. schwantesii** subsp. **schwantesii**

chrysocephala Nel = **L. julii** subsp. **julii**

coleorum S.A.Hammer & Uijs
Perennial. Succulent. Ht up to 0.02 m. Alt 920–1150 m. LIM

comptonii L.Bolus
L. comptonii L.Bolus var. *weberi* (Nel) D.T.Cole (6)
L. otzeniana Nel var. *weberi* (Nel) B.Fearn (6)
L. weberi Nel (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1550 m. NC, WC

comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn = **L. divergens**

comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn forma *amethystina* (de Boer) B.Fearn = **L. divergens**

comptonii L.Bolus var. *viridis* (H.A.Lückh.) B.Fearn = **L. viridis**

comptonii L.Bolus var. *weberi* (Nel) D.T.Cole = **L. comptonii**

dabneri L.Bolus = **L. hookeri**

damarana (N.E.Br.) N.E.Br. = **L. karasmontana** subsp. **karasmontana**

deboeri Schwantes = **L. villetii** subsp. **deboeri**

dendritica Nel = **L. pseudotruncatella** subsp. **dendritica**

dinteri Schwantes subsp. **dinteri**
L. brevis L.Bolus (2)
L. dinteri Schwantes subsp. *dinteri* var. *brevis* (L.Bolus) B.Fearn (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 910–1070 m. N

dinteri Schwantes subsp. *dinteri* var. *brevis* (L.Bolus) B.Fearn = **L. dinteri** subsp. **dinteri**

dinteri Schwantes subsp. **frederici** (D.T.Cole) D.T.Cole
L. dinteri Schwantes var. *frederici* D.T.Cole (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 890–1200 m. NC

dinteri Schwantes subsp. **multipunctata** (de Boer) D.T.Cole
L. dinteri Schwantes var. *multipunctata* de Boer (2)
Perennial. Succulent. Ht up to 0.01 m. Alt 860–1080 m. N

dinteri Schwantes var. *frederici* D.T.Cole = **L. dinteri** subsp. **frederici**

dinteri Schwantes var. *marthae* (Loesch & Tischer) B.Fearn = **L. schwantesii** subsp. **schwantesii**

dinteri Schwantes var. *multipunctata* de Boer = **L. dinteri** subsp. **multipunctata**

diutina L.Bolus = **L. marmorata**

divergens L.Bolus
L. comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn (2)
L. comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn forma *amethystina* (de Boer) B.Fearn (2)
L. divergens L.Bolus var. *amethystina* de Boer (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 380–1100 m. NC, WC

divergens L.Bolus var. *amethystina* de Boer = **L. divergens**

dorotheae Nel
L. eksteeniae L.Bolus (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1160 m. NC

eberlanzii (Dinter & Schwantes) N.E.Br. = **L. karasmontana** subsp. **eberlanzii**

edithiae in sense of H.Jacobsen, misapplied name = **L. pseudotruncatella** subsp. **pseudotruncatella**

edithiae in sense of Schwantes, misapplied name = **L. pseudotruncatella** subsp. **pseudotruncatella**

edithiae N.E.Br. = **L. karasmontana** subsp. **eberlanzii;**

eksteeniae L.Bolus = **L. dorotheae**

elevata L.Bolus = **L. optica**

elisabethiae Dinter = **L. pseudotruncatella** subsp. **pseudotruncatella**

elisae de Boer = **L. marmorata**

erniana Tischer ex H.Jacobsen = **L. karasmontana** subsp. **eberlanzii**

erniana Tischer ex H.Jacobsen var. *aiaisensis* de Boer = **L. karasmontana** subsp. **karasmontana**

erniana Tischer ex H.Jacobsen var. *witputzensis* de Boer = **L. karasmontana** subsp. **eberlanzii**

framesii L.Bolus = **L. marmorata**

francisci (Dinter & Schwantes) N.E.Br.
L. halenbergensis Tischer (2)
Mesembryanthemum francisci Dinter & Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 530–670 m. N

francisci (Dinter & Schwantes) N.E.Br. var. *annae* (de Boer) B.Fearn = **L. gesineae**

francisci (Dinter & Schwantes) N.E.Br. var. *gesinae* (de Boer) B.Fearn = **L. gesineae**

fulleri N.E.Br. var. *brunnea* de Boer = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *chrysocephala* (Nel) de Boer = **L. julii** subsp. **julii**

fulleri N.E.Br. var. *fulleri* = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *kennedyi* de Boer = **L. villetii** subsp. **kennedyi**

fulleri N.E.Br. var. *ochracea* de Boer = **L. hallii**

fulleri N.E.Br. var. *rouxii* (de Boer) D.T.Cole = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *tapscottii* L.Bolus = **L. julii** subsp. **fulleri**

fulviceps (N.E.Br.) N.E.Br.
L. fulviceps (N.E.Br.) N.E.Br. var. *lactinea* D.T.Cole (6)
Mesembryanthemum fulviceps N.E.Br. (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1150 m. N, NC

fulviceps (N.E.Br.) N.E.Br. var. *lactinea* D.T.Cole = **L. fulviceps**

gesineae de Boer
L. annae de Boer (2)
L. francisci (Dinter & Schwantes) N.E.Br. var. *annae* (de Boer) B.Fearn (2)
L. francisci (Dinter & Schwantes) N.E.Br. var. *gesinae* (de Boer) B.Fearn (2)
L. gesineae de Boer var. *annae* (de Boer) D.T.Cole (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1620 m. N

gesineae de Boer var. *annae* (de Boer) D.T.Cole = **L. gesineae**

geyeri Nel
L. herrei L.Bolus var. *geyeri* (Nel) de Boer & Boom (2)
L. hillii L.Bolus (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 620–790 m. NC

glaudinae de Boer = **L. bromfieldii**

gracilidelineata Dinter subsp. **brandbergensis** (de Boer) D.T.Cole
L. pseudotruncatella (A.Berger) N.E.Br. var. *brandbergensis* de Boer (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1900–2574 m. N

gracilidelineata Dinter subsp. **gracilidelineata**
L. gracilidelineata Dinter subsp. *gracilidelineata* var. *waldroniae* de Boer (6)
L. pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn forma *waldronae* (de Boer) B.Fearn (2)
L. streyi Schwantes (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 180–1430 m. N

gracilidelineata Dinter subsp. *gracilidelineata* var. *waldroniae* de Boer = **L. gracilidelineata** subsp. **gracilidelineata**

gulielmi L.Bolus = **L. schwantesii** subsp. **schwantesii**

halenbergensis Tischer (insufficiently known)

hallii de Boer
L. fulleri N.E.Br. var. *ochracea* de Boer (2)
L. hallii de Boer var. *ochracea* (de Boer) D.T.Cole (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 830–1500 m. NC

hallii de Boer var. *ochracea* (de Boer) D.T.Cole = **L. hallii**

helmutii L.Bolus
Perennial. Succulent. Ht up to 0.03 m, when in flower. Alt 1080–1160 m. NC

hermetica D.T.Cole
Perennial. Succulent. Ht up to 0.025 m. Alt 20–180 m. N

herrei L.Bolus
L. herrei L.Bolus var. *plena* L.Bolus (2)
L. translucens L.Bolus (2)
Perennial. Succulent. Ht up to 0.03 m. Alt 100–640 m. N, NC

herrei L.Bolus forma *albiflora* H.Jacobsen = **L. marmorata**

herrei L.Bolus var. *geyeri* (Nel) de Boer & Boom = **L. geyeri**

herrei L.Bolus var. *plena* L.Bolus = **L. herrei**

hillii L.Bolus = **L. geyeri**

hookeri (A.Berger) Schwantes
L. aurantiaca L.Bolus (2)
L. dabneri L.Bolus (2)
L. hookeri (A.Berger) Schwantes var. *dabneri* (L.Bolus) D.T.Cole (6)
L. hookeri (A.Berger) Schwantes var. *elephina* (D.T.Cole) D.T.Cole (6)
L. hookeri (A.Berger) Schwantes var. *lutea* (de Boer) D.T.Cole (6)
L. hookeri (A.Berger) Schwantes var. *marginata* (Nel) D.T.Cole (6)
L. hookeri (A.Berger) Schwantes var. *subfenestrata* (de Boer) D.T.Cole (6)
L. hookeri (A.Berger) Schwantes var. *susannae* (D.T.Cole) D.T.Cole (6)
L. marginata Nel (2)
L. turbiniformis in sense of N.E.Br., not of Haw., misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *brunneo-violacea* de Boer, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *dabneri* (L.Bolus) D.T.Cole, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *elephina* D.T.Cole, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *lutea* de Boer, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *marginata* (Nel) D.T.Cole, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *subfenestrata* de Boer, misapplied name (2)
L. turbiniformis in sense of N.E.Br. var. *susannae* D.T.Cole, misapplied name (2)
Mesembryanthemum hookeri A.Berger (6)
Mesembryanthemum truncatellum Hook.f., not of Haw. (2)
Mesembryanthemum turbiniforme in sense of N.E.Br., not of Haw., misapplied name (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 890–1460 m. NC

hookeri (A.Berger) Schwantes var. *dabneri* (L.Bolus) D.T.Cole = **L. hookeri**

hookeri (A.Berger) Schwantes var. *elephina* (D.T.Cole) D.T.Cole = **L. hookeri**

hookeri (A.Berger) Schwantes var. *lutea* (de Boer) D.T.Cole = **L. hookeri**

hookeri (A.Berger) Schwantes var. *marginata* (Nel) D.T.Cole = **L. hookeri**

hookeri (A.Berger) Schwantes var. *subfenestrata* (de Boer) D.T.Cole = **L. hookeri**

hookeri (A.Berger) Schwantes var. *susannae* (D.T.Cole) D.T.Cole = **L. hookeri**

inae Nel = **L. verruculosa**

insularis L.Bolus = **L. bromfieldii**

julii (Dinter & Schwantes) N.E.Br. subsp. **fulleri** (N.E.Br.) B.Fearn
L. fulleri N.E.Br. var. *brunnea* de Boer (2)
L. fulleri N.E.Br. var. *fulleri* (2)
L. fulleri N.E.Br. var. *rouxii* (de Boer) D.T.Cole (2)
L. fulleri N.E.Br. var. *tapscottii* L.Bolus (2)
L. julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *brunnea* de Boer (6)
L. julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *rouxii* (de Boer) D.T.Cole (6)
L. julii (Dinter & Schwantes) N.E.Br. var. *rouxii* de Boer (2)
L. maughanii N.E.Br. (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 870–1150 m. NC

julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *brunnea* de Boer = **L. julii** subsp. **fulleri**

julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *rouxii* (de Boer) D.T.Cole = **L. julii** subsp. **fulleri**

julii (Dinter & Schwantes) N.E.Br. subsp. **julii**
L. chrysocephala Nel (2)
L. fulleri N.E.Br. var. *chrysocephala* (Nel) de Boer (2)
L. julii (Dinter & Schwantes) N.E.Br. var. *littlewoodii* de Boer (2)
L. julii (Dinter & Schwantes) N.E.Br. var. *reticulata* Tischer ex de Boer (2)
L. lactea Schick & Tischer (2)
Mesembryanthemum julii Dinter & Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 550–1069 m. N

julii (Dinter & Schwantes) N.E.Br. var. *littlewoodii* de Boer = **L. julii** subsp. **julii**

julii (Dinter & Schwantes) N.E.Br. var. *reticulata* Tischer ex de Boer = **L. julii** subsp. **julii**

julii (Dinter & Schwantes) N.E.Br. var. *rouxii* de Boer = **L. julii** subsp. **fulleri**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **bella** (N.E.Br.) D.T.Cole
L. bella N.E.Br. var. *bella* (2)
Mesembryanthemum bellum (N.E.Br.) Dinter (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1300 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **eberlanzii** (Dinter & Schwantes) D.T.Cole
L. bella N.E.Br. var. *eberlanzii* (Dinter & Schwantes) de Boer & Boom (2)
L. eberlanzii (Dinter & Schwantes) N.E.Br. (2)
L. edithiae N.E.Br. (2)
L. erniana Tischer ex H.Jacobsen (2)
L. erniana Tischer ex H.Jacobsen var. *witputzensis* de Boer (2)
Mesembryanthemum eberlanzii Dinter & Schwantes (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1550 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **karasmontana**
L. bella N.E.Br. var. *lericheana* (Dinter & Schwantes) de Boer & Boom (2)
L. damarana (N.E.Br.) N.E.Br. (2)
L. erniana Tischer ex H.Jacobsen var. *aiaisensis* de Boer (2)
L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *aiaisensis* (de Boer) D.T.Cole (6)
L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *lericheana* (Dinter & Schwantes) D.T.Cole (6)
L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *tischeri* D.T.Cole (6)
L. karasmontana (Dinter & Schwantes) N.E.Br. var. *mickbergensis* (Dinter) de Boer & Boom (2)
L. karasmontana (Dinter & Schwantes) N.E.Br. var. *opalina* (Dinter) de Boer & Boom (2)
L. karasmontana (Dinter & Schwantes) N.E.Br. var. *summitatum* (Dinter) de Boer & Boom (2)
L. lateritia Dinter (2)
L. lericheana Dinter & Schwantes (2)
L. lericheana (Dinter & Schwantes) Dinter & Schwantes (2)
L. lericheana (Dinter & Schwantes) N.E.Br. (2)
L. mickbergensis Dinter (2)
L. opalina Dinter (2)
L. summitatum Dinter (2)
Mesembryanthemum damaranum N.E.Br. (2)
Mesembryanthemum karasmontanum Dinter & Schwantes (6)
Mesembryanthemum lericheanum Dinter & Schwantes (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–2200 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *aiaisensis* (de Boer) D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *lericheana* (Dinter & Schwantes) D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *tischeri* D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *mickbergensis* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *opalina* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *summitatum* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

koelemanii de Boer = **L. aucampiae** subsp. **aucampiae**

kuibisensis Dinter ex H.Jacobsen = **L. schwantesii** subsp. **schwantesii**

kunjasensis Dinter = **L. schwantesii** subsp. **schwantesii**

lactea Schick & Tischer = **L. julii** subsp. **julii**

lateritia Dinter = **L. karasmontana** subsp. **karasmontana**

lericheana Dinter & Schwantes = **L. karasmontana** subsp. **karasmontana**

lericheana (Dinter & Schwantes) Dinter & Schwantes = **L. karasmontana** subsp. **karasmontana**

lericheana (Dinter & Schwantes) N.E.Br. = **L. karasmontana** subsp. **karasmontana**

lesliei (N.E.Br.) N.E.Br. forma *minor* (de Boer) B.Fearn = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. **burchellii** D.T.Cole
Perennial. Succulent. Ht up to 0.01 m. Alt 1030–1350 m. NC

lesliei (N.E.Br.) N.E.Br. subsp. **lesliei**
L. lesliei (N.E.Br.) N.E.Br. forma *minor* (de Boer) B.Fearn (2)
L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *hornii* de Boer (6)
L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *mariae* D.T.Cole (6)
L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *minor* de Boer (6)
L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *rubrobrunnea* de Boer (2)
L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *venteri* (Nel) de Boer & Boom (6)
L. lesliei (N.E.Br.) N.E.Br. var. *lesliei* 'Albiflora' D.T.Cole (2)
L. lesliei (N.E.Br.) N.E.Br. var. *lesliei* 'Albinica' D.T.Cole (2)
L. lesliei (N.E.Br.) N.E.Br. var. *luteoviridis* de Boer (2)
L. lesliei (N.E.Br.) N.E.Br. var. *maraisii* de Boer (2)
L. venteri Nel (2)
Mesembryanthemum ferrugineum Schwantes (2)
Mesembryanthemum lesliei N.E.Br. (6)
Perennial. Succulent. Ht up to 0.01 m. Alt 900–1950 m. B, LIM, NW, G, FS, NC

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *hornii* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *mariae* D.T.Cole = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *minor* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *rubrobrunnea* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *venteri* (Nel) de Boer & Boom = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. var. *lesliei* 'Albiflora' D.T.Cole = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. var. *lesliei* 'Albinica' D.T.Cole = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. var. *luteoviridis* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. var. *maraisii* de Boer = **L. lesliei** subsp. **lesliei**

lineata Nel = **L. ruschiorum**

localis (N.E.Br.) Schwantes
L. localis in sense of de Boer, misapplied name (2)
L. localis in sense of de Boer & Boom, misapplied name (2)
L. localis in sense of de Boer & Boom var. *peersii* (L.Bolus) de Boer & Boom, misapplied name (2)
L. localis in sense of de Boer & Boom var. *terricolor* (N.E.Br.) de Boer & Boom, misapplied name (2)
L. peersii L.Bolus (6)
L. terricolor N.E.Br. (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 800–1150 m. NC, EC

localis in sense of de Boer, misapplied name = **L. localis**

localis in sense of de Boer & Boom, misapplied name = **L. localis**

localis in sense of de Boer & Boom var. *peersii* (L.Bolus) de Boer & Boom, misapplied name = **L. localis**

localis in sense of de Boer & Boom var. *terricolor* (N.E.Br.) de Boer & Boom, misapplied name = **L. localis**

marginata Nel = **L. hookeri**

marmorata (N.E.Br.) N.E.Br.
L. diutina L.Bolus (6)
L. elisae de Boer (6)
L. framesii L.Bolus (6)
L. herrei L.Bolus forma *albiflora* H.Jacobsen (2)
L. marmorata (N.E.Br.) N.E.Br. var. *elisae* (de Boer) D.T.Cole (6)
L. umdausensis L.Bolus (6)
Mesembryanthemum marmoratum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.01 m. Alt up to 1320 m. NC

marmorata (N.E.Br.) N.E.Br. var. *elisae* (de Boer) D.T.Cole = **L. marmorata**

marthae Loesch & Tischer = **L. schwantesii** subsp. **schwantesii**

maughanii N.E.Br. = **L. julii** subsp. **fulleri**

mennellii L.Bolus = **L. bromfieldii**

meyeri L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 825–1000 m. NC

mickbergensis Dinter = **L. karasmontana** subsp. **karasmontana**

mundtii Tischer = **L. pseudotruncatella** subsp. **pseudotruncatella**

naureeniae D.T.Cole
Perennial. Succulent. Ht up to 0.01 m. Alt 1000–1200 m. NC

nelii Schwantes = **L. ruschiorum**

olivacea L.Bolus
L. olivacea L.Bolus var. *nebrownii* D.T.Cole (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1030–1150 m. NC

olivacea L.Bolus var. *nebrownii* D.T.Cole = **L. olivacea**

opalina Dinter = **L. karasmontana** subsp. **karasmontana**

optica (Marloth) N.E.Br.
L. elevata L.Bolus (6)
L. optica (Marloth) N.E.Br. cv. '*rubra*' (Tischer) H.Jacobsen (6)
Mesembryanthemum opticum Marloth (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 50–450 m. N

optica (Marloth) N.E.Br. cv. '*rubra*' (Tischer) H.Jacobsen = **L. optica**

otzeniana Nel
Perennial. Succulent. Ht up to 0.02 m. Alt 825–1000 m. NC

otzeniana Nel var. *weberi* (Nel) B.Fearn = **L. comptonii**

peersii L.Bolus = **L. localis**

pillansii L.Bolus = **L. ruschiorum**

pseudotruncatella (A.Berger) N.E.Br. forma *mundtii* (Tischer) H.Jacobsen = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. subsp. **archerae** (de Boer) D.T.Cole
L. archerae de Boer (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *archerae* (de Boer) D.T.Cole (2)
Perennial. Succulent. Ht up to 0.015 m. Alt 1500–1770 m. N

pseudotruncatella (A.Berger) N.E.Br. subsp. **dendritica** (Nel) D.T.Cole
L. dendritica Nel (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *dendritica* (Nel) de Boer & Boom (2)
Perennial. Succulent. Ht up to 0.015 m. Alt 1500–1870 m. N

pseudotruncatella (A.Berger) N.E.Br. subsp. **groendrayensis** (H.Jacobsen) D.T.Cole
L. pseudotruncatella (A.Berger) N.E.Br. var. *groendrayensis* H.Jacobsen (2)
L. vallis-mariae (Dinter & Schwantes) N.E.Br. var. *groendraaiensis* (H.Jacobsen) de Boer (2)
Perennial. Succulent. Ht up to 0.015 m. Alt 1490–1520 m. N

pseudotruncatella (A.Berger) N.E.Br. subsp. **pseudotruncatella**
L. alpina Dinter (2)
L. edithiae in sense of H.Jacobsen, misapplied name (2)
L. edithiae in sense of Schwantes, misapplied name (2)
L. elisabethiae Dinter (2)
L. mundtii Tischer (2)
L. pseudotruncatella (A.Berger) N.E.Br. forma *mundtii* (Tischer) H.Jacobsen (2)
L. pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *elisabethae* (Dinter) de Boer & Boom (6)
L. pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *riehmerae* D.T.Cole (6)
L. pseudotruncatella (A.Berger) N.E.Br. var. *alpina* (Dinter) Boom (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *alta* Tischer (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *edithiae* (N.E.Br.) de Boer & Boom (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *mundtii* (Tischer) H.Jacobsen (2)
Mesembryanthemum pseudotruncatellum A.Berger (6)
Mesembryanthemum truncatellum in sense of Dinter, not of Haw. (2)
Perennial. Succulent. Ht up to 0.015 m. Alt 1800–2080 m. N

pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *elisabethae* (Dinter) de Boer & Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *riehmerae* D.T.Cole = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. subsp. **volkii** (Schwantes ex de Boer & Boom) D.T.Cole
L. pseudotruncatella (A.Berger) N.E.Br. var. *volkii* Schwantes ex de Boer & Boom (2)
Perennial. Succulent. Ht up to 0.015 m. Alt 2000–2260 m. N

pseudotruncatella (A.Berger) N.E.Br. var. *alpina* (Dinter) Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *alta* Tischer = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *archerae* (de Boer) D.T.Cole = **L. pseudotruncatella** subsp. **archerae**

pseudotruncatella (A.Berger) N.E.Br. var. *brandbergensis* de Boer = **L. gracilidelineata** subsp. **brandbergensis**

pseudotruncatella (A.Berger) N.E.Br. var. *dendritica* (Nel) de Boer & Boom = **L. pseudotruncatella** subsp. **dendritica**

pseudotruncatella (A.Berger) N.E.Br. var. *edithiae* (N.E.Br.) de Boer & Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn = **L. gracilidelineata** subsp. **gracilidelineata**

pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn forma *waldronae* (de Boer) B.Fearn = **L. gracilidelineata** subsp. **gracilidelineata**

pseudotruncatella (A.Berger) N.E.Br. var. *groendrayensis* H.Jacobsen = **L. pseudotruncatella** subsp. **groendrayensis**

pseudotruncatella (A.Berger) N.E.Br. var. *mundtii* (Tischer) H.Jacobsen = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *volkii* Schwantes ex de Boer & Boom = **L. pseudotruncatella** subsp. **volkii**

rugosa Dinter = **L. schwantesii** subsp. **schwantesii**

ruschiorum (Dinter & Schwantes) N.E.Br.
L. lineata Nel (2)
L. nelii Schwantes (2)
L. pillansii L.Bolus (2)
L. ruschiorum (Dinter & Schwantes) N.E.Br. var. *lineata* (Nel) D.T.Cole (6)
L. ruschiorum (Dinter & Schwantes) N.E.Br. var. *nelii* (Schwantes) de Boer & Boom (2)
Mesembryanthemum ruschiorum Dinter & Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 100–550 m. N

ruschiorum (Dinter & Schwantes) N.E.Br. var. *lineata* (Nel) D.T.Cole = **L. ruschiorum**

ruschiorum (Dinter & Schwantes) N.E.Br. var. *nelii* (Schwantes) de Boer & Boom = **L. ruschiorum**

salicola L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1350 m. FS, NC

schwantesii Dinter subsp. **gebseri** (de Boer) D.T.Cole
L. schwantesii Dinter var. *gebseri* de Boer (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1650 m. N

schwantesii Dinter subsp. **schwantesii**
L. christinae de Boer (2)
L. dinteri Schwantes var. *marthae* (Loesch & Tischer) B.Fearn (2)
L. gulielmi L.Bolus (6)
L. kuibisensis Dinter ex H.Jacobsen (6)
L. kunjasensis Dinter (2)
L. marthae Loesch & Tischer (2)
L. rugosa Dinter (2)
L. schwantesii Dinter subsp. *schwantesii* var. *marthae* (Loesch & Tischer) D.T.Cole (6)
L. schwantesii Dinter subsp. *schwantesii* var. *rugosa* (Dinter) de Boer & Boom (6)
L. schwantesii Dinter subsp. *schwantesii* var. *urikosensis* (Dinter) de Boer & Boom (6)
L. schwantesii Dinter var. *christinae* (de Boer) B.Fearn (6)
L. schwantesii Dinter var. *kunjasensis* (Dinter) de Boer & Boom (2)
L. schwantesii Dinter var. *nutupsdriftensis* de Boer (2)
L. schwantesii Dinter var. *triebneri* (L.Bolus) de Boer & Boom (2)
L. triebneri L.Bolus (2)
L. urikosensis Dinter (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1500 m. N

schwantesii Dinter subsp. *schwantesii* var. *marthae* (Loesch & Tischer) D.T.Cole = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter subsp. *schwantesii* var. *rugosa* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter subsp. *schwantesii* var. *urikosensis* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *christinae* (de Boer) B.Fearn = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *gebseri* de Boer = **L. schwantesii** subsp. **gebseri**

schwantesii Dinter var. *kunjasensis* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *nutupsdriftensis* de Boer = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *triebneri* (L.Bolus) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

streyi Schwantes = **L. gracilidelineata** subsp. **gracilidelineata**

summitatum Dinter = **L. karasmontana** subsp. **karasmontana**

terricolor N.E.Br. = **L. localis**

translucens L.Bolus = **L. herrei**

triebneri L.Bolus = **L. schwantesii** subsp. **schwantesii**

turbiniformis in sense of N.E.Br., misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *brunneo-violacea* de Boer, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *dabneri* (L.Bolus) D.T.Cole, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *elephina* D.T.Cole, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *lutea* de Boer, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *marginata* (Nel) D.T.Cole, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *subfenestrata* de Boer, misapplied name = **L. hookeri**

turbiniformis in sense of N.E.Br. var. *susannae* D.T.Cole, misapplied name = **L. hookeri**

umdausensis L.Bolus = **L. marmorata**

urikosensis Dinter = **L. schwantesii** subsp. **schwantesii**

vallis-mariae (Dinter & Schwantes) N.E.Br.
L. vallis-mariae (Dinter & Schwantes) N.E.Br. var. *margarethae* de Boer (6)
Mesembryanthemum vallis-mariae Dinter & Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1300 m. N

vallis-mariae (Dinter & Schwantes) N.E.Br. var. *groendraaiensis* (H.Jacobsen) de Boer = **L. pseudotruncatella** subsp. **groendrayensis**

vallis-mariae (Dinter & Schwantes) N.E.Br. var. *margarethae* de Boer = **L. vallis-mariae**

vanzylii L.Bolus = **Dinteranthus vanzylii**

venteri Nel = **L. lesliei** subsp. **lesliei**

verruculosa Nel
L. inae Nel (2)
L. verruculosa Nel var. *glabra* de Boer (6)
L. verruculosa Nel var. *inae* (Nel) de Boer & Boom (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 950–1250 m. NC

verruculosa Nel var. *glabra* de Boer = **L. verruculosa**

verruculosa Nel var. *inae* (Nel) de Boer & Boom = **L. verruculosa**

villetii L.Bolus subsp. **deboeri** (Schwantes) D.T.Cole
L. deboeri Schwantes (2)
L. villetii L.Bolus var. *deboeri* (Schwantes) D.T.Cole (2)
Perennial. Succulent. Ht up to 0.02 m. Alt up to 1150 m. NC

villetii L.Bolus subsp. **kennedyi** (de Boer) D.T.Cole
L. fulleri N.E.Br. var. *kennedyi* de Boer (2)
L. villetii L.Bolus var. *kennedyi* (de Boer) D.T.Cole (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1200 m. NC

villetii L.Bolus subsp. **villetii**
Perennial. Succulent. Ht up to 0.02 m. Alt 920–1075 m. NC

villetii L.Bolus var. *deboeri* (Schwantes) D.T.Cole = **L. villetii** subsp. **deboeri**

villetii L.Bolus var. *kennedyi* (de Boer) D.T.Cole = **L. villetii** subsp. **kennedyi**

viridis H.A.Lückh.
L. comptonii L.Bolus var. *viridis* (H.A.Lückh.) B.Fearn (2)
Perennial. Succulent. Ht up to 0.02 m. Alt 690–930 m. NC

weberi Nel = **L. comptonii**

werneri Schwantes & H.Jacobsen
Perennial. Succulent. Ht up to 0.02 m. Alt 1750–2300 m. N

MACHAIROPHYLLUM 2405070 Schwantes

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 136, 137.
(2) Kurzweil & Chesselet. 2003. *Bothalia* 33: 19–39.

acuminatum L.Bolus = **M. bijliae**

albidum (L.) Schwantes
M. cookii (L.Bolus) Schwantes (2)
Perennial. Succulent. Ht up to 0.17 m. Alt 330–600 m. WC

baxteri L.Bolus = **M. bijliae**

bijliae (N.E.Br.) L.Bolus
M. acuminatum L.Bolus (2)
M. baxteri L.Bolus (2)
M. stenopetalum L.Bolus (2)
M. vanbredai L.Bolus (2)
Perennial. Succulent. Ht up to 0.14 m. Alt 570–1560 m. WC, EC

brevifolium L.Bolus
M. latifolium L.Bolus (2)
Perennial. Succulent. Ht 0.03–0.05 m. Alt 500–600 m. WC

cookii (L.Bolus) Schwantes = **M. albidum**

latifolium L.Bolus = **M. brevifolium**

stayneri L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt? EC

stenopetalum L.Bolus = **M. bijliae**

vanbredai L.Bolus = **M. bijliae**

MALEPHORA N.E.Br. 2405071

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 255.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 138–141.

crassa (L.Bolus) H.Jacobsen & Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 470–600 m. NC, WC

crocea (Jacq.) Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 1100–1600 m. NC

crocea (Jacq.) Schwantes var. *purpureo-crocea* (Haw.) H.Jacobsen = **M. purpureo-crocea**

engleriana (Dinter & A.Berger) Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 1300–1700 m. N

flavo-crocea (Haw.) H.Jacobsen & Schwantes
Perennial. Succulent. Ht up to 0.4 m. Alt 1100–1600 m. NC

framesii (L.Bolus) H.Jacobsen & Schwantes
Perennial. Succulent. Ht up to 0.2 m. Alt 50–190 m. WC

herrei (Schwantes) Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt ± 1500 m. FS

latipetala (L.Bolus) H.Jacobsen & Schwantes
Perennial. Succulent. Ht up to 0.2 m. Alt 400–950 m. WC

lutea (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 500–800 m. WC

luteola (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 500–800 m. WC

mollis (Aiton) N.E.Br.
Perennial. Succulent. Ht up to 0.5 m. Alt 50–850 m. WC, EC

ochracea (A.Berger) H.E.K.Hartmann
Glottiphyllum ochraceum (A.Berger) N.E.Br. (2)
Perennial. Succulent. Ht? Alt? 'SA'

purpureo-crocea (Haw.) Schwantes
M. crocea (Jacq.) Schwantes var. *purpureo-crocea* (Haw.) H.Jacobsen (2)

Perennial. Succulent. Ht up to 0.3 m. Alt 175–1100 m. NC, WC

smithii (L.Bolus) H.E.K.Hartmann
Perennial. Succulent. Ht 0.035–0.04 m. Alt 1400–1500 m. FS

thunbergii (Haw.) Schwantes
Crocanthus thunbergii (Haw.) L.Bolus (2)
Perennial. Succulent. Ht up to 0.2 m. Alt 250–1100 m. EC

uitenhagensis (L.Bolus) H.Jacobsen & Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 550–1200 m. WC

verruculoides (Sond.) Schwantes
Perennial. Succulent. Ht up to 0.08 m. Alt 1100–1500 m. NC

MARLOTHISTELLA Schwantes 2405175

(1) Schwantes. 1928. *Gartenwelt* 32: 599.
(2) Hammer. 1995. *Bradleya* 13: 82–87.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 142.

stenophylla (L.Bolus) S.A.Hammer
Mesembryanthemum stenophyllum L.Bolus (2)
Ruschia stenophylla (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.07 m. Alt 680–1400 m. EC

uniondalensis Schwantes
Perennial. Succulent. Ht up to 0.05 m. Alt 850–1250 m. WC

MAUGHANIELLA L.Bolus 2405072

luckhoffii (L.Bolus) L.Bolus = **Diplosoma luckhoffii**

MESEMBRYANTHEMUM L. 2405073

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 54, 73.
(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: tt. 102, 110.
(3) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 251, 256, 263, 271, 272, 279.
(4) Phillips. 1930. *The Flowering Plants of South Africa* 10: tt. 393, 397.
(5) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 413.
(6) Koutnik & O'Connor-Fenton. 1984. *Journal of South African Botany* 50: 365–371.
(7) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 143–153.

abruptum A.Berger = **Octopoma abruptum**

acinaciforme Gouan = **Carpobrotus acinaciformis**

acinaciforme L. = **Carpobrotus acinaciformis**

acinaciforme L. var. *β flavum* L. = **Carpobrotus edulis** subsp. **edulis**

acinaciforme L. var. *purpureum* L. = **Carpobrotus acinaciformis**

aculeatum N.E.Br. = **Ruschia spinosa**

acuminatum Haw. = **Phyllobolus splendens** subsp. **splendens**

acutangulum Haw. = **Ruschia acutangula**

acutisepalum A.Berger = **Psilocaulon junceum**

adscendens Haw. = **Glottiphyllum longum**

aggregatum Haw. ex N.E.Br. = **Conophytum piluliforme** subsp. **piluliforme**

aitonis Jacq.
M. louiseae L.Bolus (7)
M. paulum (N.E.Br.) L.Bolus (7)
Micropterum puberulum (Haw.) Schwantes (7)
Micropterum sessiliflorum (Aiton) Schwantes var. *album* (Haw.) H.Jacobsen (7)
Annual, biennial. Succulent. Ht up to 0.2 m. Alt 20–1200 m. NC, WC, EC

alatum (L.Bolus) L.Bolus = **M. guerichianum**

albatum L.Bolus = **Juttadinteria albata**

albicaule Haw. = **Phyllobolus splendens** subsp. **splendens**

albicaule Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**

albicute N.E.Br. = **Ruschia bolusiae**

alboroseum L.Bolus = **Leipoldtia alborosea**

album L.Bolus = **Oscularia alba**

aloides Haw. = **Nananthus aloides**

altigenum L.Bolus = **Ruschia altigena**

altile N.E.Br. = **Conophytum ficiforme**

amicorum L.Bolus = **Ruschia amicorum**

amplexicaule L.Bolus = **Leipoldtia schultzei**

amplexum N.E.Br. = **Ruschia inclusa**

ampliatum (L.Bolus) N.E.Br. = **Ruschia ampliata**

anatomicum Haw. var. *anatomicum* = **Sceletium emarcidum**

anatomicum Haw. var. *emarcidum* (Thunb.) DC. = **Sceletium emarcidum**

anatomicum Haw. var. *fragile* Haw. = **Sceletium emarcidum**

androsaceum Marloth, naked name = **Antimima androsacea**

androsaceum (Schwantes) N.E.Br. = **Antimima androsacea**

angelicae (Dinter & Schwantes) N.E.Br. = **Conophytum angelicae** subsp. **angelicae**

angustum Haw. = **Glottiphyllum cruciatum**

angustum Haw. var. *heterophyllum* Haw. = **Glottiphyllum longum**

angustum Haw. var. *heterophyllum* in sense of Salm-Dyck, not of Haw. = **Glottiphyllum depressum**

annuum L.Bolus = **M. stenandrum**

apiatum N.E.Br. = **Conophytum bilobum** subsp. **bilobum**

approximatum L.Bolus = **Ruschia approximata**

apricum A.Berger = **Leipoldtia schultzei**

arenosum Schinz = **Brownanthus arenosus**

aridum Moench, illegitimate name = **Sceletium tortuosum**

aristulatum Sond. = **Antimima aristulata**

articulatum Thunb. = **Psilocaulon articulatum**

assimile N.E.Br. = **Conophytum ficiforme**

atratum (L.Bolus) N.E.Br. = **Ruschia atrata**

atrocinctum N.E.Br. = **Antimima saturata**

attenuatum Haw. = **Drosanthemum attenuatum**

augeiforme Schwantes = **Conophytum chauviniae**

auratum Sond. = **Phyllobolus nitidus**

aureum Thunb., illegitimate name = **Phyllobolus nitidus**

ausanum Dinter & A.Berger = **Prenia tetragona**

axthelmianum Dinter = **Ruschia axthelmiana**

barklyi N.E.Br.
M. macrophyllum L.Bolus (7)
Biennial. Succulent. Ht up to 1.5 m, when in flower. Alt 30–1250 m. N, NC

barnardii (L.Bolus) N.E.Br. = **Ruschia barnardii**

beetzii Dinter = **Stoeberia beetzii**

bellidiflorum L. var. *subulatum* (Mill.) Haw. = **Acrodon subulatus**

bellum (N.E.Br.) Dinter = **Lithops karasmontana** subsp. **bella**

bergerianum Dinter = **Hereroa hesperantha**

bicorne Sond. = **Psilocaulon bicorne**

bidentatum Haw. = **Glottiphyllum difforme**

biforme N.E.Br. = **Antimima biformis**

bigibberatum Haw. = **Glottiphyllum difforme**

bijliae (L.Bolus) N.E.Br. = **Ruschia bijliae**

bilobum Marloth = **Conophytum bilobum** subsp. **bilobum**

bolusii Hook.f. = **Pleiospilos bolusii**

bosscheanum A.Berger = **Faucaria bosscheana**

brakdamense L.Bolus = **Ruschia brakdamensis**

breve L.Bolus = **M. crystallinum**

brevicolle N.E.Br. = **Antimima brevicollis**

brevifolium Aiton = **Drosanthemum brevifolium**

britteniae L.Bolus = **Leipoldtia schultzei**

calamiforme L. = **Cylindrophyllum calamiforme**

calandrum L.Bolus = **Leipoldtia calandra**

calcicola L.Bolus = **Ruschia calcicola**

calculus A.Berger = **Conophytum calculus** subsp. **calculus**

calycinum Haw. = **Drosanthemum calycinum**

campestre Burch. = **Ruschia campestris**

canaliculatum Haw. = **Phyllobolus canaliculatus**

candens Haw. = **Drosanthemum candens**

canonotatum L.Bolus = **Ruschia canonotata**

canum A.Berger = **Deilanthe peersii**

canum Haw. = **Pleiospilos compactus** subsp. **canus**

capornii L.Bolus = **Ruschia capornii**

capornii L.Bolus forma *ferum* L.Bolus = **Ruschia capornii**

capornii L.Bolus var. *longifolium* L.Bolus = **Ruschia capornii**

carneum Haw. = **Phyllobolus spinuliferus**

caroli L.Bolus = **Ruschia caroli**

catervum N.E.Br. = **Conophytum truncatum** subsp. **viridicatum**

caudatum L.Bolus = **Phyllobolus caudatus**

caulescens Mill. = **Oscularia caulescens**

cedarbergense L.Bolus = **Oscularia cedarbergensis**

chauviniae Schwantes = **Conophytum chauviniae**

chrysum L.Bolus = **M. excavatum**

ciliatum Aiton = **Brownanthus ciliatus** subsp. **ciliatus**

ciliolatum N.E.Br. = **Antimima dasyphylla**

cinctum L.Bolus = **Ruschia cincta**

clausum Dinter = **Eberlanzia clausa**

clavulatum A.Berger = **Psilocaulon subnodosum**

cleistum (L.Bolus) N.E.Br. = **Eberlanzia sedoides**

collinum Sond. = **Drosanthemum collinum**

commutatum A.Berger = **Phyllobolus grossus**

compactum Aiton = **Pleiospilos compactus** subsp. **compactus**

comptonii L.Bolus = **Oscularia comptonii**

comptonii L.Bolus var. *roseum* L.Bolus = **Oscularia comptonii**

comptum N.E.Br. = **Antimima concinna**

concavum Haw. = **Sceletium tortuosum**

condensum N.E.Br. = **Antimima condensa**

congestum Salm-Dyck = **Ruschia congesta**

connatum N.E.Br. = **Octopoma connatum**

constrictum L.Bolus = **Leipoldtia schultzei**

corallinum Thunb. = **Brownanthus corallinus**

coriarium Burch. ex N.E.Br. = **Psilocaulon coriarium**

cradockense Kuntze = **Ruschia cradockensis** subsp. **cradockensis**

crassicaule Haw. = **Sceletium crassicaule**

crassipes Marloth = **Aloinopsis spathulata**

crassulifolium (L.Bolus) N.E.Br. = **Eberlanzia sedoides**

crassum L.Bolus = **Ruschia crassa**

cruciatum Haw. = **Glottiphyllum cruciatum**

cryocalyx L.Bolus = **M. longistylum**

cryptanthum Hook.f.
Aizoon theurkauffii Maire (7)
Annual. Succulent. Ht up to 0.25 m. Alt? N, NC, WC

crystallino-papillosum Bolus ex Fedde & J.Schust. = **Phyllobolus oculatus**

crystallinum L.
M. breve L.Bolus (7)
Annual. Succulent. Ht up to 0.5 m, when in flower. Alt 20–1300 m. N, NC, WC, EC

cultratum Salm-Dyck = **Glottiphyllum longum**

cupreum L.Bolus = **Cephalophyllum caespitosum**

cupulatum L.Bolus = **Ruschia cupulata**

curtum Haw. = **Ruschia curta**

cylindricum Haw. = **Calamophyllum cylindricum**

cylindricum Haw. var. *teretifolium* Haw. = **Calamophyllum teretifolium**

cymbifolium Haw. = **Ruschia cymbifolia**

cymbiforme Haw. = **Corpuscularia cymbiformis**

damaranum N.E.Br. = **Lithops karasmontana** subsp. **karasmontana**

dasyphyllum Schltr. = **Antimima dasyphylla**

deceptum N.E.Br., illegitimate name = **Ruschia cymbifolia**

decurrens (L.Bolus) N.E.Br. = **Ruschia decurrens**

deflectum N.E.Br. = **Ruschia decumbens**

defoliatum Haw. = **Aridaria noctiflora** subsp. **defoliata**

dejagerae (L.Bolus) N.E.Br. = **Ruschia dejagerae**

dekenahi N.E.Br. = **Antimima dekenahi**

deliciosum L.Bolus = **Carpobrotus deliciosus**

deltoides L. var. *muricatum* A.Berger = **Oscularia deltoides**

deltoides L. var. *pedunculatum* N.E.Br. = **Oscularia pedunculata**

deltoides L. var. *simplex* DC. = **Oscularia caulescens**

delum L.Bolus = **Phyllobolus delus**

depressum Haw. = **Glottiphyllum depressum**

depressum Haw. var. *lividum* Haw. = **Glottiphyllum depressum**

derenbergiana Dinter = **Ebracteola derenbergiana**

dichroum Rolfe = **Ruschia dichroa**

difforme L. = **Glottiphyllum difforme**

difforme Thunb. = **Cheiridopsis namaquensis**

digitatum Aiton = **Dactylopsis digitata**

digitatum Thunb. = **Dactylopsis digitata**

digitiforme Thunb. = **Dactylopsis digitata**

dilatatum Haw. = **Ruschia haworthii**

dimidiatum Haw. = **Carpobrotus dimidiatus**

dinterae Dinter = **Chasmatophyllum musculinum**

dinteri Engl. = **Psilocaulon dinteri**

diplosum N.E.Br. = **Ruschia patens**

dissitum N.E.Br. = **Mitrophyllum dissitum**

distans L.Bolus = **Antimima distans**

dolabriforme L. = **Rhombophyllum dolabriforme**

dolomiticum Dinter = **Antimima dolomitica**

drepanophyllum Schltr. & A.Berger = **Esterhuysenia drepanophylla**

duale N.E.Br. = **Antimima dualis**

duthiae L.Bolus = **Ruschia duthiae**

dyeri (L.Bolus) N.E.Br. = **Rhombophyllum albanense**

eberlanzii Dinter & Schwantes = **Lithops karasmontana** subsp. **eberlanzii**

edentulum Haw. = **Ruschia edentula**

edule L. = **Carpobrotus edulis** subsp. **edulis**

eendornense Dinter = **Antimima eendornensis**

elineatum (L.Bolus) N.E.Br. = **Ruschia elineata**

elishae N.E.Br. = **Conophytum bilobum** subsp. **bilobum**

emarcidum Thunb. = **Sceletium emarcidum**

englishiae L.Bolus = **Prenia englishiae**

enorme N.E.Br. = **Antimima tuberculosa**

erectum L.Bolus = **Ruschia erecta**

eurystigmatum Gerbaulet
Eurystigma clavatum (L.Bolus) L.Bolus (7)
Annual. Succulent. Ht up to 0.2 m. Alt 600–1050 m. NC, WC

evolutum N.E.Br. = **Antimima evoluta**

exacutum N.E.Br. = **Ruschia acuminata**

excavatum L.Bolus
M. chrysum L.Bolus (7)
Annual. Succulent. Ht up to 0.04 m. Alt 500–1100 m. WC

excedens L.Bolus = **Oscularia excedens**

exile N.E.Br. = **Ruschia gracilis**

expansum L. = **Sceletium expansum**

falciforme Haw. = **Lampranthus falciformis**

fastigiatum Haw., illegitimate name = **Phyllobolus splendens** subsp. **splendens**

fastigiatum Haw. var. *reflexum* (Haw.) Haw. = **Phyllobolus splendens** subsp. **splendens**

fastigiatum Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**

fastigiatum Thunb.
M. pachypus L.Bolus (7)
Opophytum fastigiatum (Thunb.) N.E.Br. (7)
Annual. Succulent. Ht up to 0.1 m. Alt 170–350 m. WC

felinum (L.) Weston = **Faucaria felina**

fergusoniae (L.Bolus) N.E.Br. = **Antimima fergusoniae**

ferrugineum Schwantes = **Lithops lesliei** subsp. **lesliei**

festivum N.E.Br. = **Ruschia festiva**

fibuliforme Haw. = **Conophytum fibuliforme**

ficiforme Haw. = **Conophytum ficiforme**

filipetalum (L.Bolus) N.E.Br. = **Ruschia filipetala**

firmum N.E.Br. = **Ruschia brevipes**

flexuosum Haw. = **Phyllobolus splendens** subsp. **splendens**

flexuosum Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**

floribundum Haw. = **Drosanthemum floribundum**

floriferum N.E.Br. = **Eberlanzia schneideriana**

formosulum N.E.Br. = **Antimima peersii**

fourcadei in sense of (L.Bolus) N.E.Br., not of L.Bolus, illegitimate name = **Ruschia fourcadei**

fragrans Salm-Dyck = **Glottiphyllum depressum**

framesii (L.Bolus) N.E.Br., illegitimate name = **Ruschia framesii**

francisci Dinter & Schwantes = **Lithops francisci**

fraternum N.E.Br. = **Conophytum fraternum**

fredericii L.Bolus = **Ruschia fredericii**

friedrichiae Dinter = **Conophytum friedrichiae**

frutescens L.Bolus = **Stoeberia frutescens**

fulviceps N.E.Br. = **Lithops fulviceps**

fulvum Haw. = **Aridaria noctiflora** subsp. **straminea**

gariusanum Dinter
M. violense L.Bolus (7)
Annual. Succulent. Ht up to 0.15 m. Alt 220–1200 m. N, NC

geminatum Jacq. = **Ruschia geminiflora**

geminatum Salm-Dyck = **Ruschia geminiflora**

geminiflorum Haw. = **Ruschia geminiflora**

geminum N.E.Br. = **Cerochlamys gemina**

gessertianum Dinter & A.Berger = **Psilocaulon gessertianum**

gigas Dinter = **Stoeberia gigas**

glareosum A.Berger = **Psilocaulon salicornioides**

globosum N.E.Br. = **Conophytum globosum**

goodiae (L.Bolus) N.E.Br. = **Ruschia goodiae**

gracistylum L.Bolus = **Conophytum bilobum** subsp. **gracilistylum**

grandiflorum Haw. = **Glottiphyllum grandiflorum**

graniticum L.Bolus = **Antimima granitica**

granulatum N.E.Br. = **Hereroa granulata**

granulicaule Haw. = **Psilocaulon granulicaule**

gratum N.E.Br. = **Conophytum jucundum** subsp. **jucundum**

griquense L.Bolus = **Ruschia griquensis**

griseum L.Bolus = **Ruschia grisea**

grossum Aiton = **Phyllobolus grossus**

guerichianum Pax
Amoebophyllum guerichianum (Pax) N.E.Br. (7)
M. alatum (L.Bolus) L.Bolus (7)
M. horridum Koutnik & Lavis (7)
M. intransparens L.Bolus var. *intransparens* (7)
M. intransparens L.Bolus var. *laxum* (L.Bolus) L.Bolus (7)
M. karrooense L.Bolus (7)
M. latisepalum (L.Bolus) L.Bolus (7)
M. macrostigma L.Bolus (7)
M. neilsoniae (L.Bolus) L.Bolus (7)
M. parvipapillatum L.Bolus (7)
M. perlatum Dinter (7)
M. purpureoroseum L.Bolus (7)
M. quinangulatum L.Bolus (7)
M. rhodanthum L.Bolus (7)
M. rubroroseum L.Bolus (7)
M. sedentiflorum (L.Bolus) L.Bolus (7)
M. setosum (L.Bolus) L.Bolus (7)
M. squamulosum (L.Bolus) L.Bolus (7)
M. subrigidum L.Bolus (7)
M. subtereticaule L.Bolus (7)
Annual, biennial. Succulent. Ht up to 0.6 m. Alt? N, NC, WC, EC

guthriae L.Bolus = **Oscularia guthriae**

halenbergense Dinter & Schwantes = **Conophytum halenbergense**

hamatile (L.Bolus) N.E.Br. = **Antimima hamatilis**

hamatum L.Bolus = **Ruschia hamata**

hantamense Engl. = **Antimima hantamensis**

hebes N.E.Br. = **Ruschia obtusa**

herrei (Schwantes) N.E.Br. = **Antimima herrei**

hesperanthum Dinter & A.Berger = **Hereroa hesperantha**

hexamerum (L.Bolus) N.E.Br. = **Ruschia hexamera**

hirtellum Haw. = **Drosanthemum hirtellum**

hispidum L. = **Drosanthemum hispidum**

hookeri A.Berger = **Lithops hookeri**

horizontale Haw. = **Aridaria noctiflora** subsp. **defoliata**

horridum Koutnik & Lavis = **M. guerichianum**

hospitale Dinter = **Ruschia spinosa**

hutchinsonii (L.Bolus) N.E.Br. = **Amphibolia laevis**

hypertrophicum Dinter
Opophytum ampliatum L.Bolus (7)
Opophytum aquosum (L.Bolus) N.E.Br. (7)
Opophytum australe L.Bolus (7)
Annual. Succulent. Ht up to 0.25 m. Alt 50–1000 m. N, NC

imbricatum Haw. = **Ruschia imbricata**

imbricatum Haw. var. *rubrum* Haw. = **Ruschia imbricata**

impressum (L.Bolus) J.W.Ingram = **Ruschia impressa**

inachabense Engl.
M. longipapillosum Dinter (7)
Annual. Succulent. Ht up to 0.2 m. Alt 700–1100 m. N, NC

inclusum L.Bolus = **Octopoma inclusum**

incurvatum (L.Bolus) N.E.Br. = **Ruschia incurvata**

indecorum L.Bolus = **Ruschia indecora**

induratum L.Bolus = **Ruschia indurata**

inornatum L.Bolus = **M. nodiflorum**

insidens (L.Bolus) N.E.Br. = **Antimima insidens**

intransparens L.Bolus var. *intransparens* = **M. guerichianum**

intransparens L.Bolus var. *laxum* (L.Bolus) L.Bolus = **M. guerichianum**

intricatum N.E.Br. = **Ruschia intricata**

intrusum Kensit = **Brianhuntleya intrusa**

iteratum N.E.Br. = **Ruschia britteniae**

ivori N.E.Br. = **Antimima ivori**

johannis-winkleri Dinter & Schwantes = **Conophytum pageae**

jucundum N.E.Br. = **Conophytum jucundum** subsp. **jucundum**

jugiferum N.E.Br. = **Conophytum ficiforme**

julii Dinter & Schwantes = **Lithops julii** subsp. **julii**

junceum Haw. = **Psilocaulon junceum**

junceum Haw. var. *pauciflorum* Sond. = **Psilocaulon junceum**

juritzii L.Bolus = **Carpobrotus dimidiatus**

karasmontanum Dinter & Schwantes = **Lithops karasmontana** subsp. **karasmontana**

karrooense L.Bolus = **M. guerichianum**

karrooicum L.Bolus = **Ruschia karrooica**

klaverensis L.Bolus = **Antimima klaverensis**

knysnanum L.Bolus = **Ruschia knysnana**

kuntzei Schinz = **Brownanthus kuntzei**

labyrintheum N.E.Br. = **Conophytum minimum**

lacerum Haw. = **Erepsia lacera**

lacunatum N.E.Br. = **Eberlanzia schneideriana**

laeve Aiton = **Amphibolia laevis**

laevigatum Haw. = **Carpobrotus acinaciformis**

lanceum Thunb. = **Prenia pallens** subsp. **lancea**

latens N.E.Br. = **Ruschia inconspicua**

latisepalum (L.Bolus) L.Bolus = **M. guerichianum**

latum Haw. = **Glottiphyllum longum**

lawsonii L.Bolus = **Antimima lawsonii**

laxipetalum (L.Bolus) N.E.Br. = **Ruschia laxipetala**

leipoldtii (L.Bolus) N.E.Br. = **Antimima leipoldtii**

lene N.E.Br. = **Ruschia mollis**

leptarthron A.Berger = **Psilocaulon leptarthron**

lericheanum Dinter & Schwantes = **Lithops karasmontana** subsp. **karasmontana**

lerouxiae L.Bolus = **Ruschia lerouxii**

lesliei N.E.Br. = **Lithops lesliei** subsp. **lesliei**

leucantherum L.Bolus = **Antimima leucanthera**

leviculum N.E.Br. = **Conophytum minimum**

levynsiae L.Bolus = **Antimima pumila**

liebendalense L.Bolus = **M. stenandrum**

limbatum N.E.Br. = **Antimima limbata**

lindequistii Engl. = **Aridaria noctiflora** subsp. **noctiflora**

linearifolium L.Bolus = **M. longistylum**

lineolatum Haw. = **Ruschia lineolata**

linguaeforme Haw. = **Glottiphyllum depressum**

linguaeforme Haw. var. *rufescens* Haw., invalid name = **Glottiphyllum depressum**

linguiforme in sense of Haw., not of L. = **Glottiphyllum longum**

linguiforme L. = **Glottiphyllum linguiforme**

linguiforme (L.) N.E.Br. var. *scalpratum* (Haw.) A.Berger = **Glottiphyllum linguiforme**

linguiforme L. var. *adscendens* (Haw.) A.Berger = **Glottiphyllum longum**

linguiforme L. var. *angustum* (Haw.) A.Berger, invalid name = **Glottiphyllum depressum**

linguiforme L. var. *cultratum* (Salm-Dyck) A.Berger = **Glottiphyllum longum**

linguiforme L. var. *depressum* (Haw.) A.Berger, invalid name = **Glottiphyllum longum**

linguiforme L. var. *fragrans* (Salm-Dyck) A.Berger = **Glottiphyllum depressum**

linguiforme L. var. *grandiflorum* (Haw.) A.Berger = **Glottiphyllum grandiflorum**

linguiforme L. var. *longum* (Haw.) A.Berger = **Glottiphyllum longum**

linguiforme L. var. *obliquum* (Willd.) A.Berger = **Glottiphyllum longum**

linguiforme L. var. *pustulatum* (Haw.) A.Berger = **Glottiphyllum longum**

linguiforme L. var. *uncatum* (Haw.) A.Berger = **Glottiphyllum longum**

longifolium L.Bolus = **Astridia longifolia**

longipapillosum Dinter = **M. inachabense**

longipes (L.Bolus) N.E.Br. = **Antimima longipes**

longispinulum Haw. = **Phyllobolus grossus**

longispinulum Salm-Dyck = **Phyllobolus grossus**

longistylum DC.
M. cryocalyx L.Bolus (7)
M. linearifolium L.Bolus (7)
Annual, biennial. Succulent. Ht 0.1–0.4 m. Alt 120–1100 m. NC, WC

longum Haw. = **Glottiphyllum longum**

longum Haw. var. *declive* Haw. = **Glottiphyllum depressum**

longum Haw. var. *flaccidum* Haw. = **Glottiphyllum depressum**

longum Haw. var. *uncatum* Haw. = **Glottiphyllum longum**

loratum Haw. = **Prenia pallens** subsp. **pallens**

louiseae L.Bolus = **M. aitonis**

lucidum Haw. = **Glottiphyllum longum**

luederitzii Engl. = **Drosanthemum luederitzii**

lunatum Willd. = **Oscularia lunata**

lupinum Haw. = **Faucaria felina**

macowanii L.Bolus = **Ruschia macowanii**

macrophyllum L.Bolus = **M. barklyi**

macrostigma L.Bolus = **M. guerichianum**

magnipunctatum Haw. = **Pleiospilos compactus** subsp. **canus**

maleolens (L.Bolus) N.E.Br. = **Antimima maleolens**

mallesoniae L.Bolus = **Esterhuysenia drepanophylla**

marianae L.Bolus = **Ruschia marianae**

maritimum L.Bolus, illegitimate name = **Lampranthus falciformis**

marlothii Pax = **Brownanthus marlothii**

marmoratum N.E.Br. = **Lithops marmorata**

maximum Haw. = **Ruschia maxima**

maxwellii (L.Bolus) N.E.Br. = **Antimima maxwellii**

medium Haw. = **Glottiphyllum longum**

melanospermum Dinter, illegitimate name = **Phyllobolus melanospermus**

mellei L.Bolus = **Carpobrotus mellei**

mentiens A.Berger = **Psilocaulon coriarium**

micans L. = **Drosanthemum micans**

micranthon Haw., illegitimate name = **Psilocaulon parviflorum**

microphyllum Haw. = **Antimima microphylla**

minimum Haw. = **Conophytum minimum**

minisculum N.E.Br. = **Conophytum minusculum** subsp. **minisculum**

minutum Haw. = **Conophytum minutum**

miserum L.Bolus = **Ruschia misera**

molle in sense of A.Berger, not of Aiton, illegitimate name = **Ruschia mollis**

montis-moltkei Dinter = **Ebracteola montis-moltkei**

mucronatum Haw. = **Antimima mucronata**

mucroniferum Haw. = **Ruschia spinosa**

mucronulatum Dinter = **Psilocaulon articulatum**

muelleri L.Bolus = **Ruschia muelleri**

muirianum L.Bolus = **Ruschia muiriana**

muirii L.Bolus = **Carpobrotus muirii**

multiflorum Haw. = **Ruschia multiflora**

multiflorum Haw. var. *rubrum* (Haw.) Haw. = **Ruschia imbricata**

munitum L.Bolus = **Ruschia intricata**

muricatum Haw. = **Oscularia deltoides**

musculinum Haw. = **Chasmatophyllum musculinum**

muticum (L.Bolus) N.E.Br. = **Antimima mutica**

namaquanum (L.Bolus) N.E.Br. = **Amphibolia rupis-arcuatae**

namibense Marloth = **Brownanthus namibensis**

neilsoniae (L.Bolus) L.Bolus = **M. guerichianum**

nevillei N.E.Br. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**

nitidum Haw. = **Phyllobolus nitidus**

nobile Haw. = **Pleiospilos compactus** subsp. **canus**

noctiflorum L. var. *elatum* Haw. = **Aridaria noctiflora** subsp. **noctiflora**

noctiflorum L. var. *fulvum* (Haw.) Salm-Dyck = **Aridaria noctiflora** subsp. **straminea**

noctiflorum L. var. *noctiflorum* = **Aridaria noctiflora** subsp. **noctiflora**

noctiflorum L. var. *phoeniceum* Haw., illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

noctiflorum L. var. *stramineum* (Haw.) Haw. = **Aridaria noctiflora** subsp. **straminea**

nodiflorum L.
M. inornatum L.Bolus (7)
M. paucandrum L.Bolus (7)
Annual. Succulent. Ht up to 0.15 m. Alt 20–1150 m. N, NC, WC

nothum N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

obconellum Haw. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**

obcordellum Haw. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**

obliquum Willd. = **Glottiphyllum longum**

obmetale N.E.Br. = **Conophytum minimum**

obsubulatum Haw. = **Cylindrophyllum obsubulatum**

octojuge L.Bolus = **Octopoma octojuge**

octonarium L.Bolus = **Enarganthe octonaria**

oculatum N.E.Br. = **Phyllobolus oculatus**

odontocalyx Schltr. & Diels = **Ruschia odontocalyx**

odoratum L.Bolus = **Hereroa odorata**

odoratum N.E.Br. = **Conophytum ficiforme**

olivaceum Schltr. = **Phyllobolus tenuiflorus**

optatum N.E.Br. = **Pleiospilos compactus** subsp. **compactus**

opticum Marloth = **Lithops optica**

paardebergense L.Bolus = **Oscularia paardebergensis**

pachyphyllum L.Bolus = **Cerochlamys pachyphylla**

pachypus L.Bolus = **M. fastigiatum**

pageae N.E.Br. = **Conophytum pageae**

pageanum in sense of L.Bolus (1929), not of L.Bolus (1927), illegitimate name = **Oscularia ornata**

pallens Aiton = **Prenia pallens** subsp. **pallens**

pallescens Haw. = **Prenia pallens** subsp. **pallens**

pallidum L.Bolus = **Lampranthus dilutus**

pallidum N.E.Br. = **Conophytum ficiforme**

pansifolium N.E.Br. = **Amphibolia laevis**

papulosum L.f. = **Cleretum papulosum** subsp. **papulosum**

paripetalum L.Bolus = **Ruschia paripetala**

parvibracteatum (L.Bolus) N.E.Br. = **Eberlanzia parvibracteata**

parviflorum in sense of Haw., not of Jacq. = **Ruschia parviflora**

parviflorum Jacq. = **Psilocaulon parviflorum**

parvipapillatum L.Bolus = **M. guerichianum**

parvipetalum N.E.Br. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**

parvulum Schltr. = **Cephalophyllum parvulum**

parvum N.E.Br. = **Antimima pusilla**

paucandrum L.Bolus = **M. nodiflorum**

paulum (N.E.Br.) L.Bolus = **M. aitonis**

pauxillum N.E.Br. = **Conophytum minimum**

paxianum Schltr. & Diels = **Drosanthemum luederitzii**

pellanum N.E.Br. = **Ruschia muricata**

pellitum Friedrich
Annual, biennial. Succulent. Ht up to 0.5 m. Alt 30–350 m. N, NC

perfoliatum Mill. = **Ruschia perfoliata**

perforatum (L.Bolus) N.E.Br. = **Antimima perforata**

perlatum Dinter = **M. guerichianum**

perpusillum Haw. = **Conophytum minimum**

pfeilii Engl. = **Prenia tetragona**

phylicoides (L.Bolus) N.E.Br. = **Ruschia phylicoides**

pictum N.E.Br. = **Conophytum minimum**

pillansii Kensit = **Erepsia pillansii**

piluliforme N.E.Br. = **Conophytum piluliforme** subsp. **piluliforme**

piquetbergense L.Bolus = **Oscularia piquetbergensis**

pisinnum N.E.Br. = **Conophytum truncatum** subsp. **viridicatum**

placitum N.E.Br. = **Conophytum ficiforme**

plenifolium N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

pomeridianum L.Bolus = **M. stenandrum**

praepingue Haw. = **Glottiphyllum cruciatum**

prismaticum Marloth ex Schwantes = **Tanquana prismatica**

propinquum N.E.Br. = **Antimima propinqua**

prostratum (L.Bolus) N.E.Br. = **Antimima prostrata**

pseudoausanum Dinter, naked name = **Prenia tetragona**

pseudorupicolum Dinter, naked name = **Ruschia barnardii**

pseudotruncatellum A.Berger = **Lithops pseudotruncatella** subsp. **pseudotruncatella**

pulchellum Haw., insufficiently known

pulverulentum Haw. = **Drosanthemum pulverulentum**

pumilum L.Bolus = **Antimima pumila**

pumilum (L.Bolus) N.E.Br., illegitimate name = **Antimima pumila**

punctulatum L.Bolus = **Ruschia punctulata**

pungens A.Berger = **Ruschia pungens**

purpureoroseum L.Bolus = **M. guerichianum**

purpureostylum L.Bolus = **Acrodon purpureostylus**

purpusii Schwantes = **Conophytum truncatum** subsp. **truncatum** var. **truncatum**

pusillum N.E.Br. = **Conophytum minimum**

pustulatum Haw. = **Glottiphyllum longum**

pustulatum Haw. var. *lividum* Salm-Dyck = **Glottiphyllum longum**

puttkamerianum Dinter & A.Berger = **Hereroa puttkameriana**

pygmaeum Haw. = **Antimima pygmaea**

quaesitum N.E.Br. = **Conophytum quaesitum** subsp. **quaesitum** var. **quaesitum**

quarziticum Dinter = **Antimima quarzitica**

quinangulatum L.Bolus = **M. guerichianum**

recurvum Moench = **Ruschia recurva**

reductum N.E.Br. in part N.E.Br. = **Octopoma subglobosum**

reductum N.E.Br. in part N.E.Br., illegitimate name = **Ruschia nana**

reflexum Haw. = **Phyllobolus splendens** subsp. **splendens**

relaxatum Willd. = **Prenia pallens** subsp. **pallens**

resurgens Kensit = **Phyllobolus resurgens**

rhodanthum L.Bolus = **M. guerichianum**

rhomboideum Salm-Dyck = **Rhombophyllum rhomboideum**

rigidum Haw. = **Ruschia rigida**

ringens L. var. *β felinum* L. = **Faucaria felina**

roodiae N.E.Br. = **Tanquana prismatica**

roseolum N.E.Br. = **Antimima roseola**

rostellum Haw. = **Ruschia rostella**

rubrocinctum Haw. = **Carpobrotus acinaciformis**

rubroroseum L.Bolus = **M. guerichianum**

rubrum L.Bolus = **Astridia rubra**

rufescens Haw. = **Glottiphyllum depressum**

rugulosum A.Berger ex Range, naked name = **Eberlanzia schneideriana**

rupis-arcuatae Dinter = **Amphibolia rupis-arcuatae**

ruschiorum Dinter & Schwantes = **Lithops ruschiorum**

salicornioides Pax = **Psilocaulon salicornioides**

salmii Haw. = **Glottiphyllum salmii**

salmoneum Haw. = **Phyllobolus canaliculatus**

salmoneum Salm-Dyck = **Phyllobolus canaliculatus**

saxetanum N.E.Br. = **Conophytum saxetanum**

saxicolum (L.Bolus) N.E.Br. = **Antimima saxicola**

scalpratum Haw., illegitimate name = **Glottiphyllum linguiforme**

schenckii Schinz = **Brownanthus ciliatus** subsp. **schenckii**

schlechteri (Schwantes) N.E.Br. = **Antimima schlechteri**

schlichtianum Sond. = **Brownanthus arenosus**

schneiderianum A.Berger = **Eberlanzia schneideriana**

schultzei Schltr. & Diels = **Leipoldtia schultzei**

scintillans Dinter = **Phyllobolus oculatus**

scitulum N.E.Br. = **Conophytum minimum**

secundum Thunb., naked name = **Psilocaulon articulatum**

sedentiflorum (L.Bolus) L.Bolus = **M. guerichianum**

sedoides Dinter & A.Berger = **Eberlanzia sedoides**

semicylindricum Haw. = **Glottiphyllum difforme**

separatum N.E.Br. = **Zeuktophyllum calycinum**

serratum L. = **Circandra serrata**

sessile Thunb. = **Ruschia sessilis**

sessiliflorum Aiton = **Cleretum papulosum** subsp. **papulosum**

setosum (L.Bolus) L.Bolus = **M. guerichianum**

signatum N.E.Br. = **Conophytum minimum**

simile Sond. = **Psilocaulon junceum**

simile Sond. var. *namaquense* Sond. = **Psilocaulon junceum**

simulans Marloth = **Pleiospilos simulans**

sinuosum L.Bolus = **Phyllobolus sinuosus**

sinus-redfordiani Dinter, naked name = **Psilocaulon salicornioides**

sladenianum L.Bolus = **Prenia sladeniana**

sobrinum N.E.Br. = **Antimima sobrina**

socium N.E.Br. = **Argyroderma fissum**

solidum L.Bolus = **Antimima solida**

sororium N.E.Br. = **Pleiospilos compactus** subsp. **sororius**

spinescens Pax, naked name = **Ruschia divaricata**

spinosum L. = **Ruschia spinosa**

spinosum L. var. *cradockense* (Kuntze) A.Berger ex Range, naked name = **Ruschia cradockensis** subsp. **cradockensis**

spinosum L. var. *micranthum* Pax = **Ruschia spinosa**

spinuliferum Haw. = **Phyllobolus spinuliferus**

spinuliforme Harv. & Sond. = **Phyllobolus spinuliferus**

splendens L. = **Phyllobolus splendens** subsp. **splendens**

squamulosum (L.Bolus) L.Bolus = **M. guerichianum**

steenbergense L.Bolus = **Oscularia steenbergensis**

stellans (L.Bolus) N.E.Br. = **Antimima hantamensis**

stenandrum (L.Bolus) L.Bolus
M. annuum L.Bolus (7)
M. liebendalense L.Bolus (7)
M. pomeridianum L.Bolus (7)
Psilocaulon pomeridianum L.Bolus (7)
Annual, occ. perennial. Succulent. Ht up to 0.2 m. Alt 250–1450 m. FS, NC, WC

stenophyllum L.Bolus = **Marlothistella stenophylla**

stipulaceum L. = **Lampranthus stipulaceus**

stokoei L.Bolus = **Esterhuysenia stokoei**

stramineum Haw. = **Aridaria noctiflora** subsp. **straminea**

striatum Haw. = **Drosanthemum striatum**

stylosum N.E.Br. = **Conophytum bilobum** subsp. **bilobum**

suaveolens L.Bolus, illegitimate name = **Phyllobolus lignescens**

subalatum Haw. = **Carpobrotus acinaciformis**

subcompressum Haw. = **Drosanthemum subcompressum**

subnodosum A.Berger = **Psilocaulon subnodosum**

subrigidum L.Bolus = **M. guerichianum**

subrisum N.E.Br. = **Conophytum pageae**

subtereticaule L.Bolus = **M. guerichianum**

subtruncatum L.Bolus
Annual. Succulent. Ht up to 0.02 m. Alt 300–700 m. WC

succulentum (L.Bolus) N.E.Br. = **Amphibolia succulenta**

sulcatum Haw. = **Phyllobolus splendens** subsp. **splendens**

superans L.Bolus = **Oscularia superans**

suppositum L.Bolus = **Zeuktophyllum suppositum**

surrectum Haw. = **Glottiphyllum surrectum**

taurinum Haw. = **Glottiphyllum depressum**

taylori N.E.Br. = **Corpuscularia taylori**

taylorianum Dinter & Schwantes = **Conophytum taylorianum** subsp. **taylorianum**

tenellum Haw. = **Ruschia tenella**

tenue Haw. = **Psilocaulon parviflorum**

tenuiflorum Jacq. = **Phyllobolus tenuiflorus**

teretifolium Haw. = **Calamophyllum teretifolium**

tetragonum Thunb. = **Prenia tetragona**

thermarum L.Bolus = **Oscularia thermarum**

tigrinum Haw. = **Faucaria tigrina**

tinctum L.Bolus = **Meyerophytum meyeri**

tortuosum L. = **Sceletium tortuosum**

trichosanthum A.Berger = **Phyllobolus viridiflorus**

trichotomum Thunb. = **Phyllobolus trichotomus**

triquetrum (L.Bolus) N.E.Br. = **Antimima triquetra**

triticiforme L.Bolus = **Ruschia cradockensis** subsp. **triticiformis**

trothai Engl. = **Psilocaulon salicornioides**

truncatellum Hook.f., not of Haw. = **Lithops hookeri**

truncatellum in sense of Dinter, not of Haw. = **Lithops pseudotruncatella** subsp. **pseudotruncatella**

tuitum N.E.Br. on herbarium label, naked name = **Ruschia intricata**

tumidulum Haw. = **Ruschia tumidula**

turbiniforme in sense of N.E.Br., not of Haw., misapplied name = **Lithops hookeri**

turrigerum N.E.Br. = **Conophytum turrigerum**

umbellatum L. = **Ruschia umbellata**

umbelliflorum Jacq. = **Phyllobolus splendens** subsp. **splendens**

uncatum Salm-Dyck = **Glottiphyllum longum**

utile L.Bolus = **Stoeberia utilis**

uviforme (Haw.) N.E.Br. = **Conophytum uviforme** subsp. **uviforme**

vaginatum Haw. = **Ruschia vaginata**

vaginatum Haw. var. *acutangulum* A.Berger = **Ruschia acutangula**

vaginatum Haw. var. *curtum* (Haw.) A.Berger = **Ruschia curta**

valens N.E.Br. = **Ruschia glauca**

vallis-mariae Dinter & Schwantes = **Lithops vallis-mariae**

varians Haw. = **Sceletium varians**

variifolium N.E.Br. = **Ruschia diversifolia**

velutinum Dinter = **Astridia velutina**

ventricosum L.Bolus = **Antimima ventricosa**

vernicolor L.Bolus = **Oscularia vernicolor**

verruculatum L. = **Scopelogena verruculata**

verruculosum (L.Bolus) N.E.Br. = **Antimima verruculosa**

violense L.Bolus = **M. gariusanum**

virgatum Haw. = **Ruschia virgata**

viridiflorum Aiton = **Phyllobolus viridiflorus**

weigangianum Dinter = **Leipoldtia weigangiana** subsp. **weigangiana**

wittebergense L.Bolus = **Antimima wittebergensis**

MESTOKLEMA N.E.Br. ex Glen 2405074

(1) Glen. 1981. *Bothalia* 13: 454.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 168, 169.

albanicum N.E.Br. ex Glen
Perennial. Succulent. Ht 0.25–0.4 m. Alt 450–860 m. EC

arboriforme (Burch.) N.E.Br. ex Glen
Perennial. Succulent. Ht 0.25–0.5 m. Alt 1100–1450 m. FS, NC

copiosum N.E.Br. ex Glen
Perennial. Succulent. Ht up to 0.5 m. Alt 800–1300 m. NC

elatum N.E.Br. ex Glen
Perennial. Succulent. Ht up to 1.2 m. Alt 260–540 m. EC

illepidum N.E.Br. ex Glen
Perennial. Succulent. Ht 0.23–0.25 m. Alt 400–880 m. EC

tuberosum (L.) N.E.Br. ex Glen
M. tuberosum (L.) N.E.Br. ex Glen var. *macrorhizum* (Haw.) N.E.Br. ex Glen (1)
Perennial. Succulent. Ht up to 0.6 m. Alt 100–800 m. EC

tuberosum (L.) N.E.Br. ex Glen var. *macrorhizum* (Haw.) N.E.Br. ex Glen = **M. tuberosum**

MEYEROPHYTUM Schwantes 2405075

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 279.
(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 170, 171.

globosum (L.Bolus) Ihlenf.
Conophyllum globosum L.Bolus (2)
Monilaria globosa (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht up to 0.1 m, 0.13 m when in flower. Alt 300–650 m. NC

meyeri (Schwantes) Schwantes
Mesembryanthemum tinctum L.Bolus (2)
M. meyeri (Schwantes) Schwantes var. *holgatense* L.Bolus (2)
M. tinctum (L.Bolus) Schwantes (2)
Perennial. Succulent. Ht up to 0.2 m. Alt 100–370 m. NC

meyeri (Schwantes) Schwantes var. *holgatense* L.Bolus = **M. meyeri**

microstigma (L.Bolus) L.Bolus = **Dicrocaulon microstigma**

primosii (L.Bolus) L.Bolus = **Dicrocaulon microstigma**

tinctum (L.Bolus) Schwantes = **M. meyeri**

MICROPTERUM Schwantes 2405076

papulosum (L.f.) Schwantes = **Cleretum papulosum** subsp. **papulosum**

papulosum (L.f.) Schwantes subsp. *multiflorum* Schwantes, naked name = **Cleretum papulosum** subsp. **multiflorum**

puberulum (Haw.) Schwantes = **Mesembryanthemum aitonis**

sessiliflorum (Aiton) Schwantes = **Cleretum papulosum** subsp. **papulosum**

sessiliflorum (Aiton) Schwantes var. *album* (Haw.) H.Jacobsen = **Mesembryanthemum aitonis**

MITROPHYLLUM Schwantes 2405078

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 272, 274.
(2) Poppendieck. 1976. *Botanische Jahrbücher* 97: 339–413.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 172–175.

abbreviatum L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 400–950 m. NC

clivorum (N.E.Br.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt up to 1200 m. NC

crassifolium (L.Bolus) G.D.Rowley = **M. grande**

cuspidatum (L.Bolus) de Boer = **M. grande**

dissitum (N.E.Br.) Schwantes
Mesembryanthemum dissitum N.E.Br. (3)
M. parvifolium (L.Bolus) G.D.Rowley (3)
Perennial. Succulent. Ht 0.4–0.6 m. Alt 350–1200 m. NC

grande N.E.Br.
M. crassifolium (L.Bolus) G.D.Rowley (3)
M. cuspidatum (L.Bolus) de Boer (3)
Perennial. Succulent. Ht up to 0.4 m, when in flower. Alt 360–710 m. NC

mitratum (Marloth) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 350–700 m. NC

parvifolium (L.Bolus) G.D.Rowley = **M. dissitum**

roseum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 540–700 m. NC

MONILARIA (Schwantes) Schwantes 2405079

(1) Ihlenfeldt *et al.* 1978. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 16: 171–182.
(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 176–178.

brevifolia L.Bolus = **Dicrocaulon grandiflorum**

chrysoleuca (Schltr.) Schwantes
M. chrysoleuca (Schltr.) Schwantes var. *polita* (L.Bolus) Ihlenf. & Jörg. (3)
Perennial. Succulent. Ht up to 0.2 m. Alt 220–350 m. WC

chrysoleuca (Schltr.) Schwantes var. *polita* (L.Bolus) Ihlenf. & Jörg. = **M. chrysoleuca**

globosa (L.Bolus) L.Bolus = **Meyerophytum globosum**

microstigma L.Bolus = **Dicrocaulon microstigma**

moniliformis (Thunb.) Ihlenf. & Jörg.
Perennial. Succulent. Ht up to 0.2 m. Alt 175–340 m. WC

obconica Ihlenf. & Jörg.
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1200 m. NC

pisiformis (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.12 m. Alt 220–350 m. WC

scutata (L.Bolus) Schwantes subsp. **obovata** Ihlenf. & Jörg.
Perennial. Succulent. Ht? Alt? NC

scutata (L.Bolus) Schwantes subsp. **scutata**
Perennial. Succulent. Ht? Alt? NC

MOSSIA N.E.Br. 2405080

(1) Smith & Hartzer. 1997. *Taxon* 46: 349, 350.
(2) Smith *et al.* 1997. *Curtis's Botanical Magazine* 14: 16–22.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 178, 179.

intervallaris (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–3000 m. G, M, FS, L, EC

MUIRIA N.E.Br. 2405081

(1) Klak. 2000. In Goldblatt & Manning, *Strelitzia* 9: 243, 244.
(2) Chesselet, Burgoyne & Hammer. Personal communication.

hortenseae N.E.Br.
Gibbaeum hortenseae (N.E.Br.) Thiede & Klak (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 550–630 m. WC

NAMAQUANTHUS L.Bolus 2405082

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 180.

vanheerdei L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 700–900 m. NC

NAMIBIA (Schwantes) Schwantes 2405083

(1) Walgate. 1939. In Bolus, *Notes on* Mesembryanthemum *and allied genera*, part 3: 171–188.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 180, 181.

cinerea (Marloth) Dinter & Schwantes
Juttadinteria longipetala L.Bolus (2)
Perennial. Succulent. Ht up to 0.15 m. Alt? N

pomonae (Dinter) Dinter & Schwantes ex Walgate
Perennial. Succulent. Ht up to 0.15 m. Alt? N

NANANTHUS N.E.Br. 2405084

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 54.
(2) Bolus. 1947. *The Flowering Plants of Africa* 26: tt. 1036, 1037.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 181–184.

aloides (Haw.) Schwantes
Mesembryanthemum aloides Haw. (3)
N. aloides (Haw.) Schwantes var. *latus* L.Bolus (3)
N. wilmaniae (L.Bolus) L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt up to 1400 m. B, NW, NC

aloides (Haw.) Schwantes var. *latus* L.Bolus = **N. aloides**

aloides (Haw.) Schwantes var. *striatus* (L.Bolus) L.Bolus = **N. vittatus**

broomii (L.Bolus) L.Bolus = **N. vittatus**

gerstneri (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1800 m. FS, EC

margaritiferus L.Bolus
Perennial. Succulent. Ht up to 0.01 m. Alt 900–1300 m. N, B, NC

pallens (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 950–1250 m. NC

peersii L.Bolus = **Deilanthe peersii**

pole-evansii N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt 1100–1750 m. FS, EC

transvaalensis (Rolfe) L.Bolus var. *latus* L.Bolus = **N. vittatus**

transvaalensis (Rolfe) L.Bolus var. *transvaalensis* = **N. vittatus**

vittatus (N.E.Br.) Schwantes
N. aloides (Haw.) Schwantes var. *striatus* (L.Bolus) L.Bolus (3)
N. broomii (L.Bolus) L.Bolus (3)
N. transvaalensis (Rolfe) L.Bolus var. *latus* L.Bolus (3)
N. transvaalensis (Rolfe) L.Bolus var. *transvaalensis* (3)
Perennial. Succulent. Ht up to 0.01 m. Alt? NW, FS, NC

wilmaniae (L.Bolus) L.Bolus = **N. aloides**

NELIA Schwantes 2405085

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 184, 185.

meyeri Schwantes = **N. pillansii**

pillansii (N.E.Br.) Schwantes
N. meyeri Schwantes (1)
N. robusta Schwantes (1)
Perennial. Succulent. Ht up to 0.08 m. Alt 100–350 m. NC

robusta Schwantes = **N. pillansii**

schlechteri Schwantes
Perennial. Succulent. Ht up to 0.12 m. Alt 190–680 m. NC

NEOHENRICIA L.Bolus 2405086

(1) Hammer. 1994. *Cactus and Succulent Journal (US)* 66: 84–86.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 186.

sibbettii (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.01 m. Alt 1120–1380 m. FS, NC, EC

spiculata S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 1400–1900 m. EC

NYCTERANTHUS Neck. 2405151

abbreviatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus abbreviatus**

acuminatus (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

albertensis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus**

albicaulis (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

anguineus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**

arcuatus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

arenicolus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**

aureus (Thunb.) Schwantes, illegitimate name = **Phyllobolus nitidus**

ausanus (Dinter & A.Berger) Schwantes, illegitimate name = **Prenia tetragona**

bijliae (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

blandus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

brevicarpus (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa**

brevifolius (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

calycinus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

canaliculatus (Haw.) Schwantes, illegitimate name = **Phyllobolus canaliculatus**

carneus (Haw.) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

caudatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus caudatus**

celans (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

commutatus (A.Berger) Schwantes, illegitimate name = **Phyllobolus grossus**

compactus (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

congestus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus congestus**

constrictus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

debilis (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

deciduus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus deciduus**

decurvatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**

defoliatus (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**

dejagerae (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**

delus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus delus**

dinteri (L.Bolus) Schwantes, illegitimate name = **Phyllobolus melanospermus**

dyeri (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

ebracteatus (N.E.Br.) Schwantes var. *brevipetalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus trichotomus**

ebracteatus (N.E.Br.) Schwantes var. *ebracteatus*, illegitimate name = **Phyllobolus trichotomus**

elongatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**

englishiae (L.Bolus) Schwantes, illegitimate name = **Prenia englishiae**

esterhuyseniae (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**

flexuosus (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

floribundus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

fourcadei (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

fragilis (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus oculatus**

framesii (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

fulvus (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**

glanduliferus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**

globosus (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

godmaniae (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**

gracilis (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

gratiae (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**

grossus (Aiton) Schwantes, illegitimate name = **Phyllobolus grossus**

herbertii (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus herbertii**

horizontalis (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**

inaequalis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus nitidus**

intricatus (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa**

latipetalus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus latipetalus**

laxipetalus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**

laxus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**

leptopetalus (L.Bolus) Friedrich = **Phyllobolus splendens** subsp. **splendens**

ligneus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus melanospermus**

longisepalus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**

longispinulus (Haw.) Schwantes, illegitimate name = **Phyllobolus grossus**

longitubus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**

luteoalbus (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**

macrosiphon (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**

meridianus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**

meyeri (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa**

muirii (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**

multiseriatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**

mutans (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**

noctiflorus (L.) Rothm., illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

nothus (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

obtusus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**

oculatus (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus oculatus**

odoratus (L.Bolus) Schwantes, illegitimate name = **Hereroa odorata**

oubergensis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus**

ovalis (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

parvisepalus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

paucandrus L.Bolus var. *gracillima* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

paucandrus (L.Bolus) Schwantes var. *paucandrus*, illegitimate name = **Aridaria serotina**

peersii (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**

pentagonus (L.Bolus) Schwantes var. *occidentalis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**

pentagonus (L.Bolus) Schwantes var. *pentagonus*, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**

platysepalus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**

plenifolius (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

pomonae (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**

prasinus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**

primulinus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

pumilus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus**

quartziticus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus quartziticus**

quaternus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

rabiei (L.Bolus) Schwantes, illegitimate name = **Phyllobolus rabiei**

rabiesbergensis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

radicans (L.Bolus) Schwantes, illegitimate name = **Prenia radicans**

recurvus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**

rhodandrus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus nitidus**

roseus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

salmoneus (Haw.) Schwantes, illegitimate name = **Phyllobolus canaliculatus**

saturatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus saturatus**

scintillans (Dinter) Schwantes, illegitimate name = **Phyllobolus oculatus**

serotinus (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**

sinuosus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**

spinuliferus (Haw.) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

splendens (L.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

stramineus (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**

straminicolor (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**

striatus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

strictus (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

subaequans (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**

subpatens (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**

subtruncatus (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**

suffusus (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**

sulcatus (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

tenuiflorus (Jacq.) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**

tenuifolius (L.Bolus) Schwantes var. *speciosa* L.Bolus, illegitimate name = **Aridaria serotina**

tenuifolius (L.Bolus) Schwantes var. *tenuifolius*, illegitimate name = **Aridaria serotina**

tetragonus (Thunb.) Schwantes, illegitimate name = **Prenia tetragona**

tetramerus (L.Bolus) Schwantes var. *parviflorus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus trichotomus**

tetramerus (L.Bolus) Schwantes var. *tetramerus*, illegitimate name = **Phyllobolus trichotomus**

trichotomus (Thunb.) Schwantes, illegitimate name = **Phyllobolus trichotomus**

umbelliflorus (Jacq.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

varians (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**

vernalis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**

vespertinus (L.Bolus) Schwantes, illegitimate name = **Aridaria vespertina**

viridiflorus (Aiton) Schwantes, illegitimate name = **Phyllobolus viridiflorus**

watermeyeri (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**

willowmorensis (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**

OCTOPOMA N.E.Br. 2405087

(1) Hartmann. 1998. *Bradleya* 16: 44–91.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 188–190.

abruptum (A.Berger) N.E.Br.
Mesembryanthemum abruptum A.Berger (1)
Ruschia abrupta (A.Berger) G.D.Rowley (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 300–800 m. WC

calycinum (L.Bolus) L.Bolus = **Zeuktophyllum calycinum**

conjunctum (L.Bolus) L.Bolus = **O. connatum**

connatum (L.Bolus) L.Bolus
Mesembryanthemum connatum N.E.Br. (1)
O. conjunctum (L.Bolus) L.Bolus (1)
Ruschia conjuncta L.Bolus (1)
Ruschia connata L.Bolus (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 180–650 m. NC, WC

inclusum (L.Bolus) N.E.Br.
Mesembryanthemum inclusum L.Bolus (1)
Ruschia restituta G.D.Rowley (1)
Perennial. Succulent. Ht up to 0.25 m. Alt up to 1200 m. NC

octojuge (L.Bolus) N.E.Br.
Mesembryanthemum octojuge L.Bolus (1)
Ruschia octojugis (L.Bolus) L.Bolus (1)

Perennial. Succulent. Ht up to 0.08 m. Alt 190–560 m. WC

quadrisepalum (L.Bolus) H.E.K.Hartmann
Ruschia quadrisepala L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 190–560 m. WC

rupigenum (L.Bolus) L.Bolus
Ruschia rupicola L.Bolus, illegitimate name (1)
Ruschia rupigena L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m. WC

subglobosum (L.Bolus) L.Bolus
Mesembryanthemum reductum N.E.Br. in part (1)
Ruschia subglobosa L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 650–1200 m. NC

tetrasepalum (L.Bolus) H.E.K.Hartmann
Ruschia tetrasepala L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 200–270 m. WC

ODONTOPHORUS N.E.Br. 2405088

(1) Hartmann. 1976. *Botanische Jahrbücher* 97: 161–225.
(2) Hammer. 1993. *Bradleya* 11: 75–85.
(3) Hammer. 1995. *Piante Grasse* 15,4 Suppl.: 59–87.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 191, 192.

albus L.Bolus = **O. nanus**

angustifolius L.Bolus subsp. **angustifolius**
Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

angustifolius L.Bolus subsp. **protoparcoides** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–1200 m. NC

herrei L.Bolus = **O. nanus**

marlothii N.E.Br.
Perennial. Succulent. Ht up to 0.4 m. Alt 450–1200 m. NC

nanus L.Bolus
O. albus L.Bolus (1)
O. herrei L.Bolus (1)
O. prumulinus L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 850–1200 m. NC

prumulinus L.Bolus = **O. nanus**

pusillus S.A.Hammer
Perennial. Succulent. Ht up to 0.08 m. Alt 1000–1200 m. NC

OOPHYTUM N.E.Br. 2405089

(1) Ihlenfeldt. 1978. *Botanische Jahrbücher* 99: 303–328.
(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 192, 193.

nanum (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.015 m. Alt 200–350 m. WC

nordenstamii L.Bolus = **O. oviforme**

oviforme (N.E.Br.) N.E.Br.
O. nordenstamii L.Bolus (1)
Perennial. Succulent. Ht up to 0.015 m. Alt 200–350 m. WC

OPHTHALMOPHYLLUM Dinter & Schwantes 2405090

australe L.Bolus = **Conophytum caroli**

caroli (Lavis) Tischer = **Conophytum caroli**

dinteri Schwantes ex H.Jacobsen = **Conophytum friedrichiae**

friedrichiae (Dinter) Dinter & Schwantes = **Conophytum friedrichiae**

fulleri Lavis = **Conophytum longum**

haramoepense L.Bolus = **Conophytum marginatum** subsp. **haramoepense**

latum Tischer forma *latum* = **Conophytum maughanii** subsp. **latum**

latum Tischer forma *rubrum* (Tischer) G.D.Rowley = **Conophytum maughanii** subsp. **latum**

littlewoodii L.Bolus = **Conophytum devium** subsp. **devium**

longitubum L.Bolus = **Conophytum longum**

longum (N.E.Br.) Tischer = **Conophytum longum**

lydiae H.Jacobsen = **Conophytum lydiae**

maughanii (N.E.Br.) Schwantes = **Conophytum maughanii** subsp. **maughanii**

noctiflorum L.Bolus = **Conophytum maughanii** subsp. **latum**

praesectum (N.E.Br.) Schwantes = **Conophytum praesectum**

pubescens Tischer = **Conophytum pubescens**

rufescens (N.E.Br.) Tischer = **Conophytum maughanii** subsp. **maughanii**

schlechteri Schwantes = **Conophytum longum**

schuldtii Schwantes = **Conophytum maughanii** subsp. **maughanii**

spathulatum L.Bolus = **Conophytum lydiae**

subfenestratum (Schwantes) Tischer = **Conophytum subfenestratum**

triebneri Schwantes = **Conophytum friedrichiae**

vanheerdei L.Bolus = **Conophytum friedrichiae**

verrucosum Lavis = **Conophytum verrucosum**

villetii L.Bolus = **Conophytum concordans**

OPOPHYTUM N.E.Br. 2405091

ampliatum L.Bolus = **Mesembryanthemum hypertrophicum**

aquosum (L.Bolus) N.E.Br. = **Mesembryanthemum hypertrophicum**

australe L.Bolus = **Mesembryanthemum hypertrophicum**

fastigiatum (Thunb.) N.E.Br. = **Mesembryanthemum fastigiatum**

ORTHOPTERUM L.Bolus 2405092

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 195.

coegana L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 100–145 m. EC

waltoniae L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 300–830 m. EC

OSCULARIA Schwantes 2405093

(1) Hartmann. 1998. *Bradleya* 16: 44–91.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 195–200.
(3) Klak. 2001. *Phylogeny and character evolution in the* Lampranthus *group (Aizoaceae–Ruschioideae).* Unpublished Ph.D. thesis, University of Cape Town.

alba (L.Bolus) H.E.K.Hartmann
Lampranthus albus (L.Bolus) L.Bolus (1)
Mesembryanthemum album L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–1000 m. WC

caulescens (Mill.) Schwantes
Lampranthus deltoides (L.) Glen var. *caulescens* (Mill.) G.D.Rowley (1)
Mesembryanthemum caulescens Mill. (1)
Mesembryanthemum deltoides L. var. *simplex* DC. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–1200 m. WC

cedarbergensis (L.Bolus) H.E.K.Hartmann
Lampranthus cedarbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum cedarbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.15 m. Alt up to 2000 m. WC

compressa (L.Bolus) H.E.K.Hartmann
Lampranthus compressus L.Bolus (1)
Perennial. Succulent. Ht up to 0.18 m. Alt 300–2000 m. WC

comptonii (L.Bolus) H.E.K.Hartmann
Lampranthus comptonii (L.Bolus) N.E.Br. forma *roseus* (L.Bolus) G.D.Rowley (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus) L.Bolus forma *angustifolius* (3)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *angustifolius* forma *roseus* (L.Bolus) G.D.Rowley (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *comptonii* (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *roseus* (L.Bolus) L.Bolus ex H.Jacobsen (1)
Mesembryanthemum comptonii L.Bolus (1)
Mesembryanthemum comptonii L.Bolus var. *roseum* L.Bolus (1)
Perennial. Succulent. Ht 0.15–0.23 m. Alt 400–1000 m. WC

copiosa (L.Bolus) H.E.K.Hartmann
Perennial. Succulent. Ht? Alt? 'SA'

deltata (Mill.) Schwantes, illegitimate name = **O. deltoides**

deltoides (L.) Schwantes
Lampranthus deltoides (L.) Glen (1)
Mesembryanthemum deltoides L. var. *muricatum* A.Berger (1)
Mesembryanthemum muricatum Haw. (1)
O. deltata (Mill.) Schwantes, illegitimate name (1)
O. deltoides (L.) Schwantes var. *muricata* (A.Berger) Schwantes (1)
O. muricata (Haw.) Schwantes ex H.Jacobsen, illegitimate name (1)
Perennial. Succulent. Ht up to 0.5 m. Alt 450–1250 m. WC

deltoides (L.) Schwantes var. *muricata* (A.Berger) Schwantes = **O. deltoides**

deltoides (L.) Schwantes var. *pedunculata* (N.E.Br.) Schwantes = **O. pedunculata**

excedens (L.Bolus) H.E.K.Hartmann
Lampranthus excedens (L.Bolus) L.Bolus (1)
Mesembryanthemum excedens L.Bolus (1)
Perennial. Succulent. Ht up to 0.16 m. Alt 300–980 m. WC

falciforme Haw. = **Lampranthus falciformis**

falciformis (Haw.) H.E.K.Hartmann = **Lampranthus falciformis**

guthriae (L.Bolus) H.E.K.Hartmann
Lampranthus guthrieae (L.Bolus) N.E.Br. (1)
Mesembryanthemum guthriae L.Bolus (1)
Perennial. Succulent. Ht up to 0.12 m. Alt? WC

lunata (Willd.) H.E.K.Hartmann
Lampranthus lunatus (Willd.) N.E.Br. (1)
Mesembryanthemum lunatum Willd. (1)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–450 m. WC

major (Weston) Schwantes
Perennial. Succulent. Ht? Alt? 'SA'

muricata (Haw.) Schwantes ex H.Jacobsen, illegitimate name = **O. deltoides**

ornata (L.Bolus) H.E.K.Hartmann
Lampranthus ornatus L.Bolus (1)
Mesembryanthemum pageanum in sense of L.Bolus (1929), not of L.Bolus (1927), illegitimate name (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 300–850 m. WC

paardebergensis (L.Bolus) H.E.K.Hartmann
Lampranthus paardebergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum paardebergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 180–340 m. WC

pedunculata (N.E.Br.) Schwantes
Mesembryanthemum deltoides L. var. *pedunculatum* N.E.Br. (1)
O. deltoides (L.) Schwantes var. *pedunculata* (N.E.Br.) Schwantes (1)
Perennial. Succulent. Ht? Alt? WC

piquetbergensis (L.Bolus) H.E.K.Hartmann
Lampranthus piquetbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum piquetbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–980 m. WC

prasina (L.Bolus) H.E.K.Hartmann
Lampranthus prasinus L.Bolus (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 350–550 m. WC

primiverna (L.Bolus) H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.3 m. Alt 300–960 m. WC

steenbergensis (L.Bolus) H.E.K.Hartmann
Lampranthus steenbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum steenbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 30–350 m. WC

superans (L.Bolus) H.E.K.Hartmann
Lampranthus superans (L.Bolus) L.Bolus (1)
Mesembryanthemum superans L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 200–1016 m. WC

thermarum (L.Bolus) H.E.K.Hartmann
Lampranthus thermarum (L.Bolus) L.Bolus (1)
Mesembryanthemum thermarum L.Bolus (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 100–420 m. WC

vernicolor (L.Bolus) H.E.K.Hartmann
Lampranthus vernicolor (L.Bolus) L.Bolus (1)
Mesembryanthemum vernicolor L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–900 m. WC

vredenburgensis (L.Bolus) H.E.K.Hartmann

Lampranthus vredenburgensis L.Bolus (1)
Perennial. Succulent. Ht 0.15–0.24 m. Alt 20–260 m. WC

OTTOSONDERIA L.Bolus 2405094

(1) Hartmann. 1999. *Bradleya* 17: 38–74.
(2) Chesselet *et al.* 2000. *Aloe* 37: 88–90.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 200.

monticola (Sond.) L.Bolus
Ruschia monticola (Sond.) G.D.Rowley (1)
Ruschia ottosonderi G.D.Rowley (1)
Perennial. Succulent. Ht up to 0.22 m. Alt 300–550 m. NC, WC

obtusa L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 200–450 m. NC, WC

PEERSIA L.Bolus 2405153

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 201.

frithii (L.Bolus) L.Bolus
Rhinephyllum frithii (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 600–950 m. WC, EC

macradenia (L.Bolus) L.Bolus
Rhinephyllum macradenium (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 600–1200 m. WC

vanheerdei (L.Bolus) H.E.K.Hartmann
Rhinephyllum vanheerdei L.Bolus (1)
Perennial. Succulent. Ht up to 0.7 m. Alt 1020–1170 m. NC, WC

PENTACOILANTHUS Rappa & Camarrone 2405187

crassicaulis (Haw.) Rappa & Camarrone, invalid name = **Sceletium crassicaule**

expansus (L.) Rappa & Camarrone, invalid name = **Sceletium expansum**

splendens (L.) Rappa & Camarrone, invalid name = **Phyllobolus splendens** subsp. **splendens**

tortuosus (L.) Rappa & Camarrone, invalid name = **Sceletium tortuosum**

PERAPENTACOILANTHUS Rappa & Camarrone 2405186

acuminatus (Haw.) Rappa & Camarrone, invalid name = **Phyllobolus splendens** subsp. **splendens**

brevifolius (L.Bolus) Rappa & Camarrone, invalid name = **Phyllobolus splendens** subsp. **splendens**

delus (L.Bolus) Rappa & Camarrone, invalid name = **Phyllobolus delus**

granulicaulis (Haw.) Rappa & Camarrone, invalid name = **Psilocaulon granulicaule**

grossus (Aiton) Rappa & Camarrone, invalid name = **Phyllobolus grossus**

longispinulus (Haw.) Rappa & Camarrone, invalid name = **Phyllobolus grossus**

scintillans (Dinter) Rappa & Camarrone, invalid name = **Phyllobolus oculatus**

spinuliferus (Haw.) Rappa & Camarrone, invalid name = **Phyllobolus spinuliferus**

splendens (L.) Rappa & Camarrone, invalid name = **Phyllobolus splendens** subsp. **splendens**

sulcatus (Haw.) Rappa & Camarrone, invalid name = **Phyllobolus splendens** subsp. **splendens**

vanrensburgii (L.Bolus) Rappa & Camarrone = **Prenia vanrensburgii**

viridiflorus (Aiton) Rappa & Camarrone, invalid name = **Phyllobolus viridiflorus**

PERATETRACOILANTHUS Rappa & Camarrone 2405188

defoliatus (Haw.) Rappa & Camarrone, invalid name = **Aridaria noctiflora** subsp. **defoliata**

noctiflorus (L.) Rappa & Camarrone, invalid name = **Aridaria noctiflora** subsp. **noctiflora**

tetragonus (Thunb.) Rappa & Camarrone = **Prenia tetragona**

junceus (Haw.) Rappa & Camarrone = **Psilocaulon junceum**

parviflorus (Jacq.) Rappa & Camarrone = **Psilocaulon parviflorum**

PHEROLOBUS N.E.Br. 2405095

maughanii N.E.Br. var. *maughanii* = **Dorotheanthus maughanii**

maughanii N.E.Br. var. *stayneri* L.Bolus = **Dorotheanthus maughanii**

PHYLLOBOLUS N.E.Br. 2405152

(1) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(2) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 203–217.

abbreviatus (L.Bolus) Gerbaulet
Aridaria abbreviata L.Bolus (1)
Nycteranthus abbreviatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus abbreviatus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 180–350 m. WC

amabilis Gerbaulet & Struck
Perennial. Succulent, geophyte. Ht up to 0.1 m. Alt 1200–1600 m. NC

canaliculatus (Haw.) Bittrich
Aridaria canaliculata (Haw.) Friedrich (1)
Mesembryanthemum canaliculatum Haw. (1)
Mesembryanthemum salmoneum Haw. (1)
Mesembryanthemum salmoneum Salm-Dyck (1)
Nycteranthus canaliculatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus salmoneus (Haw.) Schwantes, illegitimate name (1)
Sphalmanthus calycinus L.Bolus (1)
Sphalmanthus canaliculatus (Haw.) N.E.Br. (1)
Sphalmanthus salmoneus (Haw.) N.E.Br. (1)
Perennial. Succulent, geophyte. Ht up to 0.05 m. Alt 40–370 m. WC, EC

caudatus (L.Bolus) Gerbaulet
Aridaria caudata (L.Bolus) L.Bolus (1)
Mesembryanthemum caudatum L.Bolus (1)
Nycteranthus caudatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus caudatus (L.Bolus) N.E.Br. (1)
Perennial. Succulent, geophyte. Ht up to 0.08 m. Alt 500–980 m. WC

chrysophthalmus Gerbaulet & Struck

Perennial. Succulent. Ht up to 0.15 m. Alt 180–350 m. WC

congestus (L.Bolus) Gerbaulet
Aridaria congesta L.Bolus (1)
Nycteranthus congestus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus congestus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 200–350 m. WC

deciduus (L.Bolus) Gerbaulet
Aridaria decidua L.Bolus (1)
Nycteranthus deciduus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus deciduus (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.7 m. Alt 800–1200 m. WC

decurvatus (L.Bolus) Gerbaulet
Aridaria decurvata L.Bolus (1)
Aridaria laxa L.Bolus (1)
Aridaria obtusa L.Bolus (1)
Nycteranthus decurvatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus laxus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus obtusus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus decurvatus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus laxus (L.Bolus) N.E.Br. (1)
Sphalmanthus obtusus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.4 m. Alt up to 1200 m. NC

delus (L.Bolus) Gerbaulet
Aridaria dela (L.Bolus) L.Bolus (1)
Mesembryanthemum delum L.Bolus (1)
Nycteranthus delus (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus delus (L.Bolus) Rappa & Camarrone, invalid name (1)
Sphalmanthus delus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus hallii L.Bolus (1)
Sphalmanthus stayneri L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 200–1300 m. NC, WC

digitatus (Aiton) Gerbaulet subsp. *digitatus* = **Dactylopsis digitata**

digitatus (Aiton) Gerbaulet subsp. *littlewoodii* (L.Bolus) Gerbaulet = **Dactylopsis littlewoodii**

gariepensis Gerbaulet & Struck
Perennial. Succulent. Ht 0.2–0.3 m. Alt 190–1100 m. NC

grossus (Aiton) Gerbaulet
Aridaria gratiae L.Bolus (1)
Aridaria grossa (Aiton) Friedrich (1)
Aridaria laxipetala L.Bolus (1)
Aridaria longispinula (Haw.) L.Bolus (1)
Aridaria platysepala L.Bolus (1)
Aridaria subpetiolata L.Bolus (1)
Aridaria willowmorensis L.Bolus (1)
Mesembryanthemum commutatum A.Berger (1)
Mesembryanthemum grossum Aiton (1)
Mesembryanthemum longispinulum Haw. (1)
Mesembryanthemum longispinulum Salm-Dyck (1)
Nycteranthus commutatus (A.Berger) Schwantes, illegitimate name (1)
Nycteranthus gratiae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus grossus (Aiton) Schwantes, illegitimate name (1)
Nycteranthus laxipetalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus longispinulus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus platysepalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus willowmorensis (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus grossus (Aiton) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus longispinulus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus commutatus (A.Berger) N.E.Br. (1)
Sphalmanthus gratiae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus grossus (Aiton) N.E.Br. (1)
Sphalmanthus gydouwensis L.Bolus (1)
Sphalmanthus laxipetalus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus leipoldtii L.Bolus (1)
Sphalmanthus longispinulus (Haw.) N.E.Br. (1)
Sphalmanthus platysepalus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus subpetiolatus (L.Bolus) L.Bolus (1)
Sphalmanthus willowmorensis (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.15 m. Alt 300–1100 m. WC, EC

herbertii (N.E.Br.) Gerbaulet
Aridaria herbertii (N.E.Br.) Friedrich (1)
Nycteranthus herbertii (N.E.Br.) Schwantes, illegitimate name (1)
Sphalmanthus herbertii N.E.Br. (1)
Sphalmanthus humilis L.Bolus (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 200–350 m. WC

latipetalus (L.Bolus) Gerbaulet
Aridaria latipetala L.Bolus (1)
Nycteranthus latipetalus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus latipetalus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 920–1150 m. NC

lesliei N.E.Br. = **P. resurgens**

lignescens (L.Bolus) Gerbaulet
Cryophytum suaveolens (L.Bolus) J.W.Ingram (1)
Mesembryanthemum suaveolens L.Bolus, illegitimate name (1)
Sphalmanthus lignescens L.Bolus (1)
Sphalmanthus suaveolens (L.Bolus) H.Jacobsen (2)
Perennial. Succulent. Ht up to 0.5 m. Alt 950–1650 m. N, NC

melanospermus (Dinter & Schwantes) Gerbaulet
Aridaria dinteri L.Bolus, illegitimate name (1)
Aridaria lignea L.Bolus (1)
Mesembryanthemum melanospermum Dinter, illegitimate name (1)
Nycteranthus dinteri (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus ligneus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus dinteri (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus ligneus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus melanospermus Dinter & Schwantes (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 10–1150 m. N, NC

nitidus (Haw.) Gerbaulet
Aridaria aurea (Thunb.) L.Bolus (1)
Aridaria inaequalis L.Bolus (1)
Aridaria nitida (Haw.) N.E.Br. (1)
Aridaria rhodandra L.Bolus (1)
Drosanthemum nitidum (Haw.) Schwantes (1)
Mesembryanthemum auratum Sond. (1)
Mesembryanthemum aureum Thunb., illegitimate name (1)
Mesembryanthemum nitidum Haw. (1)
Nycteranthus aureus (Thunb.) Schwantes, illegitimate name (1)
Nycteranthus inaequalis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus rhodandrus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus auratus (Sond.) L.Bolus, invalid name (1)
Sphalmanthus littlewoodii L.Bolus (1)
Sphalmanthus nitidus (Haw.) L.Bolus, invalid name (1)
Sphalmanthus rhodandrus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–1600 m. NC, WC

noctiflorus (L.) Bittrich = **Aridaria noctiflora** subsp. **noctiflora**

oculatus (N.E.Br.) Gerbaulet
Amoebophyllum rangei N.E.Br. (1)
Aridaria anguinea L.Bolus (1)
Aridaria arenicola L.Bolus (1)
Aridaria fragilis (N.E.Br.) Friedrich (1)
Aridaria oculata (N.E.Br.) L.Bolus (1)
Aridaria pomonae L.Bolus (1)
Aridaria rangei (N.E.Br.) Friedrich (1)
Aridaria scintillans (Dinter) Friedrich (1)
Aridaria varians L.Bolus (1)
Mesembryanthemum crystallino-papillosum Bolus ex Fedde & J.Schust. (1)

Mesembryanthemum oculatum N.E.Br. (1)
Mesembryanthemum scintillans Dinter (1)
Nycteranthus anguineus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus arenicolus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus fragilis (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus oculatus (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus pomonae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus scintillans (Dinter) Schwantes, illegitimate name (1)
Nycteranthus varians (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus scintillans (Dinter) Rappa & Camarrone, invalid name (1)
Sphalmanthus anguineus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus arenicolus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus fragilis N.E.Br. (1)
Sphalmanthus longipapillatus L.Bolus (1)
Sphalmanthus oculatus (N.E.Br.) N.E.Br. (1)
Sphalmanthus pomonae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus scintillans (Dinter) Dinter & Schwantes (1)
Sphalmanthus varians (L.Bolus) L.Bolus (2)
Perennial. Succulent, geophyte. Ht up to 0.08 m. Alt 10–1200 m. N, NC

pallens (Aiton) Bittrich = **Prenia pallens** subsp. **pallens**

pearsonii N.E.Br., invalid name = **P. resurgens**

prasinus (L.Bolus) Gerbaulet
Aridaria elongata L.Bolus (1)
Aridaria multiseriata L.Bolus (1)
Aridaria prasina L.Bolus (1)
Nycteranthus elongatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus multiseriatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus prasinus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus crassus L.Bolus (1)
Sphalmanthus herrei L.Bolus (1)
Sphalmanthus prasinus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.05 m. Alt up to 1200 m. NC

pubicalyx N.E.Br. = **P. resurgens**

pumilus (L.Bolus) Gerbaulet
Aridaria albertensis L.Bolus (1)
Aridaria oubergensis L.Bolus (1)
Aridaria pumila L.Bolus (1)
Nycteranthus albertensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus oubergensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus pumilus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus albertensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus oubergensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus pumilus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 300–1000 m. NC, WC

quartziticus (L.Bolus) Gerbaulet
Aridaria quartzitica L.Bolus (1)
Nycteranthus quartziticus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus quarziticus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 100–350 m. NC, WC

rabiei (L.Bolus) Gerbaulet
Aridaria rabiei L.Bolus (1)
Nycteranthus rabiei (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus rabiei (L.Bolus) N.E.Br. (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1450 m. FS

resurgens (Kensit) Schwantes
Aridaria resurgens (Kensit) L.Bolus (1)
Mesembryanthemum resurgens Kensit (1)
P. lesliei N.E.Br. (1)
P. pearsonii N.E.Br., invalid name (1)
P. publicalyx N.E.Br. (1)
Sphalmanthus micans L.Bolus (1)
Sphalmanthus resurgens (Kensit) L.Bolus (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 500–1200 m. NC, WC

roseus (L.Bolus) Gerbaulet
Amoebophyllum angustum N.E.Br., illegitimate name (1)
Amoebophyllum roseum L.Bolus (1)
Sphalmanthus vanheerdei L.Bolus (1)
Perennial. Succulent. Ht up to 1 m. Alt up to 1200 m. NC

saturatus (L.Bolus) Gerbaulet
Aridaria saturata L.Bolus (1)
Nycteranthus saturatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus acocksii L.Bolus (1)
Sphalmanthus baylissii L.Bolus (1)
Sphalmanthus saturatus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 30–1000 m. NC, WC

sinuosus (L.Bolus) Gerbaulet
Aridaria glandulifera L.Bolus (1)
Aridaria godmaniae L.Bolus (1)
Aridaria recurva L.Bolus (1)
Aridaria straminea L.Bolus (1)
Aridaria straminicolor L.Bolus (1)
Mesembryanthemum sinuosum L.Bolus (1)
Nycteranthus glanduliferus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus godmaniae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus recurvus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus sinuosus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus straminicolor (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus glanduliferus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus godmaniae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus praecox L.Bolus (1)
Sphalmanthus recurvus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus sinuosus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus straminicolor (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.2 m. Alt up to 1200 m. NC

spinuliferus (Haw.) Gerbaulet
Aridaria brevisepala L.Bolus (1)
Aridaria framesii L.Bolus (1)
Aridaria gibbosa L.Bolus, illegitimate name (1)
Aridaria parvisepala L.Bolus (1)
Aridaria quaterna L.Bolus (1)
Aridaria spinulifera (Haw.) N.E.Br. (1)
Aridaria stricta L.Bolus (1)
Aridaria watermeyeri L.Bolus (1)
Mesembryanthemum carneum Haw. (1)
Mesembryanthemum spinuliferum Haw. (1)
Mesembryanthemum spinuliforme Harv. & Sond. (1)
Nycteranthus carneus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus framesii (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus parvisepalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus quaternus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus spinuliferus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus strictus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus watermeyeri (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus spinuliferus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus brevisepalus (L.Bolus) L.Bolus var. *brevisepalus*, invalid name (1)
Sphalmanthus carneus (Haw.) N.E.Br. (1)
Sphalmanthus framesii (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus quarternus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus rejuvenalis L.Bolus (1)
Sphalmanthus spinuliferus (Haw.) L.Bolus (1)
Sphalmanthus strictus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus watermeyeri (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 10–650 m. NC, WC

splendens (L.) Gerbaulet subsp. **pentagonus** (L.Bolus) Gerbaulet
Aridaria pentagona L.Bolus (1)
Aridaria pentagona L.Bolus var. *occidentalis* L.Bolus (1)
Aridaria subaequans L.Bolus (1)
Aridaria subpatens L.Bolus (1)
Nycteranthus pentagonus (L.Bolus) Schwantes var. *occidentalis* (L.Bolus) Schwantes, illegitimate name (1)

Nycteranthus pentagonus (L.Bolus) Schwantes var. *pentagonus*, illegitimate name (1)
Nycteranthus subaequans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus subpatens (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus pentagonus (L.Bolus) L.Bolus var. *occidentalis* (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus pentagonus (L.Bolus) L.Bolus var. *pentagonus*, invalid name (1)
Sphalmanthus subaequans (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus subpatens (L.Bolus) L.Bolus, invalid name (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 980–1500 m. FS, NC, WC, EC

splendens (L.) Gerbaulet subsp. **splendens**
Aridaria acuminata (Haw.) Schwantes (1)
Aridaria albicaulis (Haw.) N.E.Br. (1)
Aridaria bijliae N.E.Br. (1)
Aridaria blanda L.Bolus (1)
Aridaria brevifolia L.Bolus (1)
Aridaria celans L.Bolus (1)
Aridaria constricta L.Bolus (1)
Aridaria dyeri L.Bolus (1)
Aridaria fastigiata (Haw.) Schwantes, illegitimate name (1)
Aridaria flexuosa (Haw.) Schwantes (1)
Aridaria fourcadei L.Bolus (1)
Aridaria leptopetala L.Bolus (1)
Aridaria nocta (N.E.Br.) N.E.Br. (1)
Aridaria plenifolia (N.E.Br.) Stearn (1)
Aridaria primulina L.Bolus (1)
Aridaria rabiesbergensis L.Bolus (1)
Aridaria reflexa (Haw.) N.E.Br. (1)
Aridaria rosea L.Bolus (1)
Aridaria splendens (L.) Schwantes (1)
Aridaria striata L.Bolus (1)
Aridaria sulcata (Haw.) Schwantes (1)
Aridaria umbelliflora (Jacq.) Schwantes (1)
Aridaria vernalis L.Bolus (1)
Mesembryanthemum acuminatum Haw. (1)
Mesembryanthemum albicaule Haw. (1)
Mesembryanthemum albicaule Salm-Dyck (1)
Mesembryanthemum fastigiatum Haw., illegitimate name (1)
Mesembryanthemum fastigiatum Haw. var. *reflexum* (Haw.) Haw. (1)
Mesembryanthemum fastigiatum Salm-Dyck (1)
Mesembryanthemum flexuosum Haw. (1)
Mesembryanthemum flexuosum Salm-Dyck (1)
Mesembryanthemum nothum N.E.Br. (1)
Mesembryanthemum plenifolium N.E.Br. (1)
Mesembryanthemum reflexum Haw. (1)
Mesembryanthemum splendens L. (1)
Mesembryanthemum sulcatum Haw. (1)
Mesembryanthemum umbelliflorum Jacq. (1)
Nycteranthus acuminatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus albicaulis (Haw.) Schwantes, illegitimate name (1)
Nycteranthus bijliae (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus blandus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus brevifolius (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus celans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus constrictus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus dyeri (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus flexuosus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus fourcadei (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus leptopetalus (L.Bolus) Friedrich (1)
Nycteranthus nothus (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus plenifolius (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus primulinus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus rabiesbergensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus roseus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus splendens (L.) Schwantes, illegitimate name (1)
Nycteranthus striatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus sulcatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus umbelliflorus (Jacq.) Schwantes, illegitimate name (1)
Nycteranthus vernalis (L.Bolus) Schwantes, illegitimate name (1)
Pentacoilanthus splendens (L.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus acuminatus (Haw.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus brevifolius (L.Bolus) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus splendens (L.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus sulcatus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus acuminatus (Haw.) L.Bolus (1)
Sphalmanthus albicaulis (Haw.) L.Bolus (1)
Sphalmanthus bijliae (N.E.Br.) L.Bolus (1)
Sphalmanthus blandus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus celans (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus constrictus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus dyeri (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus flexuosus (Haw.) L.Bolus (1)
Sphalmanthus fourcadei (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus leptopetalus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus nothus (N.E.Br.) Schwantes (2)
Sphalmanthus plenifolius (N.E.Br.) L.Bolus, invalid name (1)
Sphalmanthus primulinus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus rabiesbergensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus reflexus (Haw.) L.Bolus (2)
Sphalmanthus roseus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus splendens (L.) L.Bolus, invalid name (1)
Sphalmanthus striatus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus sulcatus (Haw.) L.Bolus (1)
Sphalmanthus umbelliflorus (Jacq.) L.Bolus, invalid name (1)
Sphalmanthus vernalis (L.Bolus) L.Bolus, invalid name (1)

Perennial. Succulent. Ht up to 1 m. Alt 10–890 m. WC, EC

suffruticosus (L.Bolus) Gerbaulet
Cryophytum suffruticosum L.Bolus (1)

Perennial. Succulent. Ht up to 0.7 m. Alt 200–350 m. WC

tenuiflorus (Jacq.) Gerbaulet
Aridaria longituba L.Bolus (1)
Aridaria macrosiphon L.Bolus (1)
Aridaria peersii L.Bolus (1)
Mesembryanthemum olivaceum Schltr. (1)
Mesembryanthemum tenuiflorum Jacq. (1)
Nycteranthus longitubus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus macrosiphon (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus peersii (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tenuiflorus (Jacq.) Schwantes, illegitimate name (1)
Prenia olivacea (Schltr.) H.Jacobsen (1)
Sphalmanthus longitubus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus macrosiphon (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus nanus L.Bolus (1)
Sphalmanthus olivaceus (Schltr. & A.Berger) L.Bolus (2)
Sphalmanthus tenuiflorus (Jacq.) N.E.Br. (1)

Perennial. Succulent. Ht up to 0.03 m. Alt 180–350 m. WC

tortuosus (L.) Bittrich = **Sceletium tortuosum**

trichotomus (Thunb.) Gerbaulet
Aridaria ebracteata N.E.Br. (1)
Aridaria ebracteata N.E.Br. var. *brevipetala* L.Bolus (1)
Aridaria tetramera L.Bolus var. *parviflora* L.Bolus (1)
Aridaria tetramera L.Bolus var. *tetramera* (1)
Aridaria trichotoma (Thunb.) L.Bolus (1)
Dicrocaulon trichotomum (Thunb.) N.E.Br. (1)
Mesembryanthemum trichotomum Thunb. (1)
Nycteranthus ebracteatus (N.E.Br.) Schwantes var. *brevipetalus* (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus ebracteatus (N.E.Br.) Schwantes var. *ebracteatus*, illegitimate name (1)
Nycteranthus tetramerus (L.Bolus) Schwantes var. *parviflorus* (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tetramerus (L.Bolus) Schwantes var. *tetramerus*, illegitimate name (1)
Nycteranthus trichotomus (Thunb.) Schwantes, illegitimate name (1)
Sphalmanthus tetramerus (L.Bolus) L.Bolus var. *parviflorus* (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus tetramerus (L.Bolus) L.Bolus var. *tetramerus*, invalid name (1)
Sphalmanthus trichotomus (Thunb.) L.Bolus, invalid name (1)

Perennial. Succulent. Ht up to 0.2 m. Alt 20–980 m. NC, WC

viridiflorus (Aiton) Gerbaulet
Aridaria trichosantha (A.Berger) N.E.Br. (1)
Aridaria viridiflora (Aiton) L.Bolus (1)
Mesembryanthemum trichosanthum A.Berger (1)
Mesembryanthemum viridiflorum Aiton (1)
Nycteranthus viridiflorus (Aiton) Schwantes, illegitimate name (1)
Perapentacoilanthus viridiflorus (Aiton) Rappa & Camarrone, invalid name (1)
Sphalmanthus viridiflorus (Aiton) N.E.Br. (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–650 m. WC

PLATYTHYRA N.E.Br. 2405096

haeckeliana (A.Berger) N.E.Br. = **Aptenia haeckeliana**

pallens (Aiton) L.Bolus = **Prenia pallens** subsp. **pallens**

relaxata (Willd.) Schwantes = **Prenia pallens** subsp. **pallens**

PLEIOSPILOS N.E.Br. 2405097

(1) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 769.
(2) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1154.
(3) Glen. 1983. *The Flowering Plants of Africa* 47: tt. 1864, 1865B.
(4) Hartmann & Liede. 1986. *Botanische Jahrbücher* 106: 433–485.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 218–221.

archeri L.Bolus = **Tanquana archeri**

barbarae Karrer = **P. bolusii**

beaufortensis L.Bolus = **P. bolusii**

bolusii (Hook.f.) N.E.Br.
Mesembryanthemum bolusii Hook.f. (4)
P. barbarae Karrer (4)
P. beaufortensis L.Bolus (4)
Perennial. Succulent. Ht up to 0.08 m. Alt 750–1100 m. WC, EC

borealis L.Bolus = **P. compactus** subsp. **canus**

brevisepalus L.Bolus = **P. compactus** subsp. **canus**

canus (Haw.) L.Bolus = **P. compactus** subsp. **canus**

clavatus L.Bolus = **Tanquana archeri**

compactus (Aiton) Schwantes subsp. **canus** (Haw.) H.E.K.Hartmann & Liede
Mesembryanthemum canum Haw. (4)
Mesembryanthemum magnipunctatum Haw. (4)
Mesembryanthemum nobile Haw. (5)
P. borealis L.Bolus (4)
P. brevisepalus L.Bolus (4)
P. canus (Haw.) L.Bolus (4)
P. dekenahi (N.E.Br.) Schwantes (4)
P. framesii L.Bolus (4)
P. grandiflorus L.Bolus (4)
P. kingiae L.Bolus (4)
P. latifolius L.Bolus (4)
P. latipetalus L.Bolus (4)
P. leipoldtii L.Bolus (4)
P. longisepalus L.Bolus (4)
P. magnipunctatus (Haw.) Schwantes (4)
P. magnipunctatus (Haw.) Schwantes var. *inaequalis* L.Bolus (4)
P. magnipunctatus (Haw.) Schwantes var. *sesquiuncialis* L.Bolus (4)
P. nobile (Haw.) Schwantes (4)
P. peersii L.Bolus (4)
P. rouxii L.Bolus (4)
P. sesquiuncialis (N.E.Br.) Schwantes (4)
P. willowmorensis L.Bolus (4)
Punctillaria cana L.Bolus (4)
Punctillaria dekenahi N.E.Br. (4)
Punctillaria magnipunctata (Haw.) N.E.Br. (4)
Punctillaria sesquiuncialis N.E.Br. (4)
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1700 m. NC, WC, EC

compactus (Aiton) Schwantes subsp. **compactus**
Mesembryanthemum compactum Aiton (4)
Mesembryanthemum optatum N.E.Br. (5)
P. longibracteatus L.Bolus (4)
P. optatus (N.E.Br.) Schwantes (4)
Punctillaria compacta (Aiton) N.E.Br. (4)
Punctillaria optata (N.E.Br.) N.E.Br. (4)
Perennial. Succulent. Ht up to 0.05 m. Alt 950–1200 m. WC

compactus (Aiton) Schwantes subsp. **fergusoniae** (L.Bolus) H.E.K.Hartmann & Liede
P. fergusoniae L.Bolus (4)
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1000 m. WC

compactus (Aiton) Schwantes subsp. **minor** (L.Bolus) H.E.K.Hartmann & Liede
P. minor L.Bolus (4)
Perennial. Succulent. Ht up to 0.03 m. Alt 440–960 m. EC

compactus (Aiton) Schwantes subsp. **sororius** (N.E.Br.) H.E.K.Hartmann & Liede
Mesembryanthemum sororium N.E.Br. (5)
P. dimidiatus L.Bolus (4)
P. sororius (N.E.Br.) Schwantes (4)
Punctillaria sororia (N.E.Br.) N.E.Br. (4)
Perennial. Succulent. Ht up to 0.05 m. Alt 750–1000 m. WC

dekenahi (N.E.Br.) Schwantes = **P. compactus** subsp. **canus**

dimidiatus L.Bolus = **P. compactus** subsp. **sororius**

fergusoniae L.Bolus = **P. compactus** subsp. **fergusoniae**

framesii L.Bolus = **P. compactus** subsp. **canus**

grandiflorus L.Bolus = **P. compactus** subsp. **canus**

hilmarii L.Bolus = **Tanquana hilmarii**

kingiae L.Bolus = **P. compactus** subsp. **canus**

latifolius L.Bolus = **P. compactus** subsp. **canus**

latipetalus L.Bolus = **P. compactus** subsp. **canus**

leipoldtii L.Bolus = **P. compactus** subsp. **canus**

loganii L.Bolus = **Tanquana archeri**

longibracteatus L.Bolus = **P. compactus** subsp. **compactus**

longisepalus L.Bolus = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes var. *inaequalis* L.Bolus = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes var. *sesquiuncialis* L.Bolus = **P. compactus** subsp. **canus**

minor L.Bolus = **P. compactus** subsp. **minor**

nelii Schwantes
P. pedunculatus L.Bolus (4)
P. tricolor N.E.Br. (4)
Perennial. Succulent. Ht up to 0.05 m. Alt 870–1250 m. WC, EC

nobile (Haw.) Schwantes = **P. compactus** subsp. **canus**

optatus (N.E.Br.) Schwantes = **P. compactus** subsp. **compactus**

pedunculatus L.Bolus = **P. nelii**

peersii L.Bolus = **P. compactus** subsp. **canus**

prismaticus (Schwantes) Schwantes = **Tanquana prismatica**

roodiae (N.E.Br.) Schwantes = **Tanquana prismatica**

rouxii L.Bolus = **P. compactus** subsp. **canus**

sesquiuncialis (N.E.Br.) Schwantes = **P. compactus** subsp. **canus**

simulans (Marloth) N.E.Br.
Mesembryanthemum simulans Marloth (4)
Perennial. Succulent. Ht up to 0.05 m. Alt 370–1000 m. EC

sororius (N.E.Br.) Schwantes = **P. compactus** subsp. **sororius**

tricolor N.E.Br. = **P. nelii**

willowmorensis L.Bolus = **P. compactus** subsp. **canus**

POLYMITA N.E.Br. 2405098

(1) Hartmann. 1996. *Bradleya* 14: 29–56.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 223.

albiflora (L.Bolus) L.Bolus
P. diutina (L.Bolus) L.Bolus (1)
P. pearsonii N.E.Br., naked name (1)
Ruschia albiflora L.Bolus (1)
Ruschia diutina L.Bolus (1)
Perennial. Succulent. Ht up to 0.45 m. Alt 670–1340 m. NC

diutina (L.Bolus) L.Bolus = **P. albiflora**

pearsonii N.E.Br., naked name = **P. albiflora**

steenbokensis H.E.K.Hartmann
Perennial. Succulent, shrub. Ht up to 0.4 m. Alt 750–1050 m. NC

PRENIA N.E.Br. 2405099

(1) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 25–40.
(2) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 224–227.

englishiae (L.Bolus) Gerbaulet
Aridaria englishiae (L.Bolus) N.E.Br. (1)
Mesembryanthemum englishiae L.Bolus (1)
Nycteranthus englishiae (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus englishiae (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 250–750 m. WC

olivacea (Schltr.) H.Jacobsen = **Phyllobolus tenuiflorus**

pallens (Aiton) N.E.Br. subsp. **lancea** (Thunb.) Gerbaulet
Mesembryanthemum lanceum Thunb. (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 150–1290 m. NC, WC

pallens (Aiton) N.E.Br. subsp. **lutea** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 10–260 m. WC

pallens (Aiton) N.E.Br. subsp. **namaquensis** Gerbaulet
Perennial. Succulent. Ht up to 0.25 m. Alt 250–1100 m. NC

pallens (Aiton) N.E.Br. subsp. **pallens**
Mesembryanthemum loratum Haw. (1)
Mesembryanthemum pallens Aiton (1)
Mesembryanthemum pallescens Haw. (1)
Mesembryanthemum relaxatum Willd. (1)
Phyllobolus pallens (Aiton) Bittrich (2)
Platythyra pallens (Aiton) L.Bolus (1)
Platythyra relaxata (Willd.) Schwantes (1)
P. relaxata (Willd.) N.E.Br. (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 10–950 m. WC

radicans (L.Bolus) Gerbaulet
Aridaria radicans L.Bolus (1)
Nycteranthus radicans (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus radicans (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 950–1250 m. EC

relaxata (Willd.) N.E.Br. = **P. pallens** subsp. **pallens**

sladeniana (L.Bolus) L.Bolus
Mesembryanthemum sladenianum L.Bolus (1)
Synaptophyllum sladenianum (L.Bolus) N.E.Br. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 190–1050 m. N, NC

tetragona (Thunb.) Gerbaulet
Aridaria ausana (Dinter & A.Berger) Dinter & Schwantes (1)
Aridaria luteoalba L.Bolus (1)
Aridaria mutans L.Bolus (1)
Aridaria suffusa L.Bolus (1)
Aridaria tetragona (Thunb.) L.Bolus (1)
Mesembryanthemum ausanum Dinter & A.Berger (1)
Mesembryanthemum pfeilii Engl. (1)
Mesembryanthemum pseudoausanum Dinter, naked name (1)
Mesembryanthemum tetragonum Thunb. (1)
Nycteranthus ausanus (Dinter & A.Berger) Schwantes, illegitimate name (1)
Nycteranthus luteoalbus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus mutans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus suffusus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tetragonus (Thunb.) Schwantes, illegitimate name (1)
Peratetracoilanthus tetragonus (Thunb.) Rappa & Camarrone, invalid name (1)
Psilocaulon pfeilii (Engl.) Schwantes (1)
Sphalmanthus suffusus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus tetragonus (Thunb.) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.7 m. Alt 350–1300 m. N, FS, NC, WC

vanrensburgii L.Bolus
Perapentacoilanthus vanrensburgii (L.Bolus) Rappa & Camarrone (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 10–100 m. WC

PREPODESMA N.E.Br. 2405210

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 227.

orpenii (N.E.Br.) N.E.Br.
Aloinopsis orpenii (N.E.Br.) L.Bolus (1)
Rabiea tersa N.E.Br. (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1500 m. NC

uncipetala N.E.Br. = **Hereroa wilmaniae**

PSAMMOPHORA Dinter & Schwantes 2405100

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 280A, 280B.
(2) Hartmann. 1996. *Bradleya* 14: 29–56.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 228–230.

herrei L.Bolus = **P. longifolia**

longifolia L.Bolus
P. herrei L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 10–750 m. N, NC

modesta (Dinter & A.Berger) Dinter & Schwantes

Perennial. Succulent. Ht up to 0.15 m. Alt 10–1050 m. N, NC

nissenii (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.03 m. Alt 20–550 m. N

pillansii L.Bolus = **Arenifera pillansii**

saxicola H.E.K.Hartmann
Perennial. Succulent, shrub. Ht up to 0.6 m. Alt 10–300 m. N

PSEUDOBROWNANTHUS Ihlenf. & Bittrich 2405155

nucifer Ihlenf. & Bittrich = **Brownanthus nucifer**

PSILOCAULON N.E.Br. 2405101

(1) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 414.
(2) Ihlenfeldt & Bittrich. 1985. *Botanische Jahrbücher* 105: 289–322.
(3) Klak & Linder. 1998. *Botanische Jahrbücher* 120: 301–375.
(4) Klak & Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 230–236.

absimile N.E.Br. = **P. coriarium**

acutisepalum (A.Berger) N.E.Br. = **P. junceum**

album L.Bolus = **P. leptarthron**

annuum L.Bolus = **P. articulatum**

arenosum (Schinz) L.Bolus = **Brownanthus arenosus**

articulatum (Thunb.) N.E.Br.
Mesembryanthemum articulatum Thunb. (3)
Mesembryanthemum mucronulatum Dinter (3)
Mesembryanthemum secundum Thunb., naked name (3)
P. annuum L.Bolus (3)
P. asperulum N.E.Br. (3)
P. bryantii L.Bolus (3)
P. dejagerae L.Bolus (3)
P. duthiae L.Bolus (3)
P. hirtellum L.Bolus (3)
P. liebenbergii L.Bolus (3)
P. mucronulatum (Dinter) N.E.Br. (3)
P. puberulum Dinter, naked name (3)
P. pubescens N.E.Br. (3)
P. roseoalbum L.Bolus (3)
Perennial, occ. annual. Succulent. Ht 0.1–0.3 m. Alt up to 1500 m. N, FS, NC, WC, EC

asperulum N.E.Br. = **P. articulatum**

baylissii L.Bolus = **P. dinteri**

bicorne (Sond.) Schwantes
Mesembryanthemum bicorne Sond. (3)
Perennial, occ. annual. Succulent. Ht up to 0.05 m. Alt 20–1200 m. WC, EC

bijliae N.E.Br. = **P. junceum**

bryantii L.Bolus = **P. articulatum**

calvinianum L.Bolus = **P. junceum**

candidum L.Bolus = **P. junceum**

ciliatum (Aiton) Friedrich = **Brownanthus ciliatus** subsp. **ciliatus**

clavulatum (A.Berger) N.E.Br. = **P. subnodosum**

corallinum (Thunb.) Schwantes = **Brownanthus corallinus**

coriarium (Burch. ex N.E.Br.) N.E.Br.
Mesembryanthemum coriarium Burch. ex N.E.Br. (4)
Mesembryanthemum mentiens A.Berger (3)
P. absimile N.E.Br. (3)
P. mentiens (A.Berger) N.E.Br. (3)
P. stenopetalum L.Bolus (3)
P. uncinatum L.Bolus (3)
Ruschia coriaria (Burch. ex N.E.Br.) Schwantes (3)
Perennial, occ. annual. Shrub, succulent. Ht 1.5–3 m. Alt 500–2000 m. N, FS, NC, WC, EC

dejagerae L.Bolus = **P. articulatum**

delosepalum L.Bolus = **P. junceum**

densum N.E.Br.
Perennial. Succulent. Ht? Alt up to 1100 m. NC

dinteri (Engl.) Schwantes
Mesembryanthemum dinteri Engl. (3)
P. baylissii L.Bolus (3)
P. fasciculatum N.E.Br. (3)
P. godmaniae L.Bolus var. *godmaniae* (3)
P. godmaniae L.Bolus var. *gracile* L.Bolus (3)
P. herrei L.Bolus (3)
P. littlewoodii L.Bolus (3)
P. littlewoodii L.Bolus forma *laxum* L.Bolus (3)
P. pageae L.Bolus var. *grandiflorum* L.Bolus (3)
P. pageae L.Bolus var. *pageae* (3)
P. variabile L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 5–900 m. N, NC, WC

duthiae L.Bolus = **P. articulatum**

fasciculatum N.E.Br. = **P. dinteri**

filipetalum L.Bolus = **P. subnodosum**

fimbriatum L.Bolus = **P. salicornioides**

foliosum L.Bolus
Perennial, occ. annual. Succulent. Ht up to 1.2 m. Alt 20–750 m. NC

framesii L.Bolus = **P. junceum**

gessertianum (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum gessertianum Dinter & A.Berger (3)
P. luteum L.Bolus (4)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 750–2200 m. N

glareosum (A.Berger) Dinter & Schwantes = **P. salicornioides**

godmaniae L.Bolus var. *godmaniae* = **P. dinteri**

godmaniae L.Bolus var. *gracile* L.Bolus = **P. dinteri**

granulicaule (Haw.) Schwantes
Mesembryanthemum granulicaule Haw. (3)
Perapentacoilanthus granulicaulis (Haw.) Rappa & Camarrone, invalid name (3)
P. pauper L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 20–1500 m. N, FS, NC, WC, EC

herrei L.Bolus = **P. dinteri**

hirtellum L.Bolus = **P. articulatum**

imitans L.Bolus = **P. junceum**

implexum N.E.Br. = **P. parviflorum**

inachabense L.Bolus = **P. salicornioides**

inconspicuum L.Bolus = **P. salicornioides**

inconstrictum L.Bolus = **P. subnodosum**

junceum (Haw.) Schwantes
Mesembryanthemum acutisepalum A.Berger (3)
Mesembryanthemum junceum Haw. (3)
Mesembryanthemum junceum Haw. var. *pauciflorum* Sond. (3)
Mesembryanthemum simile Sond. (3)
Mesembryanthemum simile Sond. var. *namaquense* Sond. (3)
Peratetracoilanthus junceus (Haw.) Rappa & Camarrone (3)
P. acutisepalum (A.Berger) N.E.Br. (3)
P. bijliae N.E.Br. (3)
P. calvinianum L.Bolus (3)

P. candidum L.Bolus (3)
P. delosepalum L.Bolus (3)
P. framesii L.Bolus (3)
P. imitans L.Bolus (3)
P. laxiflorum L.Bolus (3)
P. leightoniae L.Bolus (3)
P. levynsiae N.E.Br. (3)
P. lewisiae L.Bolus (3)
P. namaquense (Sond.) Schwantes (3)
P. oculatum L.Bolus (3)
P. pauciflorum (Sond.) Schwantes (3)
P. planisepalum L.Bolus (3)
P. rogersiae L.Bolus (3)
P. semilunatum L.Bolus (3)
P. simile (Sond.) Schwantes (3)
P. simulans L.Bolus (3)
P. squamifolium N.E.Br. (3)
P. stayneri L.Bolus (3)
P. subintegrum L.Bolus (3)
P. utile L.Bolus (3)
Perennial, occ. annual. Succulent. Ht 0.1–0.6 m. Alt 20–1100 m. NC, WC, EC

kuntzei (Schinz) Dinter & Schwantes = **Brownanthus kuntzei**

laxiflorum L.Bolus = **P. junceum**

leightoniae L.Bolus = **P. junceum**

leptarthron (A.Berger) N.E.Br.
Mesembryanthemum leptarthron A.Berger (3)
P. album L.Bolus (3)
Perennial, occ. annual. Succulent. Ht 0.5–1 m. Alt 200–350 m. WC

levynsiae N.E.Br. = **P. junceum**

lewisiae L.Bolus = **P. junceum**

liebenbergii L.Bolus = **P. articulatum**

lindequistii (Engl.) Schwantes = **Aridaria noctiflora** subsp. **noctiflora**

littlewoodii L.Bolus = **P. dinteri**

littlewoodii L.Bolus forma *laxum* L.Bolus = **P. dinteri**

longipes L.Bolus = **Caulipsolon rapaceum**

luteum L.Bolus = **P. gessertianum**

marlothii (Pax) Friedrich = **Brownanthus marlothii**

melanospermum (A.Berger) N.E.Br. = **Aptenia geniculiflora**

mentiens (A.Berger) N.E.Br. = **P. coriarium**

micranthon L.Bolus, illegitimate name = **P. parviflorum**

mucronulatum (Dinter) N.E.Br. = **P. articulatum**

namaquense (Sond.) Schwantes = **P. junceum**

namibense (Marloth) Friedrich = **Brownanthus namibensis**

oculatum L.Bolus = **P. junceum**

otzenianum (Dinter) L.Bolus = **Lampranthus otzenianus**

pageae L.Bolus var. *grandiflorum* L.Bolus = **P. dinteri**

pageae L.Bolus var. *pageae* = **P. dinteri**

parviflorum (Jacq.) Schwantes
Mesembryanthemum micranthon Haw., illegitimate name (3)
Mesembryanthemum parviflorum Jacq. (3)
Mesembryanthemum tenue Haw. (3)
Peratetracoilanthus parviflorus (Jacq.) Rappa & Camarrone (3)
P. implexum N.E.Br. (3)
P. micranthon L.Bolus, illegitimate name (3)
P. tenue (Haw.) Schwantes (3)
Perennial, occ. annual. Succulent. Ht up to 0.02 m. Alt 20–360 m. WC

pauciflorum (Sond.) Schwantes = **P. junceum**

pauper L.Bolus = **P. granulicaule**

peersii L.Bolus = **Brownanthus corallinus**

pfeilii (Engl.) Schwantes = **Prenia tetragona**

pillansii (L.Bolus) Friedrich = **Brownanthus pubescens**

planisepalum L.Bolus = **P. junceum**

planum L.Bolus = **P. salicornioides**

pomeridianum L.Bolus = **Mesembryanthemum stenandrum**

puberulum Dinter, naked name = **P. articulatum**

pubescens N.E.Br. = **P. articulatum**

rapaceum (Jacq.) Schwantes = **Caulipsolon rapaceum**

rogersiae L.Bolus = **P. junceum**

roseoalbum L.Bolus = **P. articulatum**

salicornioides (Pax) Schwantes
Mesembryanthemum glareosum A.Berger (3)
Mesembryanthemum salicornioides Pax (3)
Mesembryanthemum sinus-redfordiani Dinter, naked name (3)
Mesembryanthemum trothai Engl. (3)
P. fimbriatum L.Bolus (3)
P. glareosum (A.Berger) Dinter & Schwantes (3)
P. inachabense L.Bolus (3)
P. inconspicuum L.Bolus (3)
P. planum L.Bolus (3)
P. sinus-redfordiani Dinter ex Range, naked name (3)
P. trothai (Engl.) Schwantes (3)
P. woodii L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.4 m. Alt 10–650 m. N, NC

schlichtianum (Sond.) Schwantes = **Brownanthus arenosus**

semilunatum L.Bolus = **P. junceum**

simile (Sond.) Schwantes = **P. junceum**

simulans L.Bolus = **P. junceum**

sinus-redfordiani Dinter ex Range, naked name = **P. salicornioides**

squamifolium N.E.Br. = **P. junceum**

stayneri L.Bolus = **P. junceum**

stenopetalum L.Bolus = **P. coriarium**

subintegrum L.Bolus = **P. junceum**

subnodosum (A.Berger) N.E.Br.
Mesembryanthemum clavulatum A.Berger (3)
Mesembryanthemum subnodosum A.Berger (3)
P. clavulatum (A.Berger) N.E.Br. (3)
P. filipetalum L.Bolus (3)
P. inconstrictum L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.7 m. Alt 20–850 m. N, NC

tenue (Haw.) Schwantes = **P. parviflorum**

trothai (Engl.) Schwantes = **P. salicornioides**

uncinatum L.Bolus = **P. coriarium**

utile L.Bolus = **P. junceum**

variabile L.Bolus = **P. dinteri**

woodii L.Bolus = **P. salicornioides**

PUNCTILLARIA N.E.Br. 2405157

cana L.Bolus = **Pleiospilos compactus** subsp. **canus**

compacta (Aiton) N.E.Br. = **Pleiospilos compactus** subsp. **compactus**

dekenahi N.E.Br. = **Pleiospilos compactus** subsp. **canus**

magnipunctata (Haw.) N.E.Br. = **Pleiospilos compactus** subsp. **canus**

optata (N.E.Br.) N.E.Br. = **Pleiospilos compactus** subsp. **compactus**

roodiae N.E.Br. = **Tanquana prismatica**

sesquiuncialis N.E.Br. = **Pleiospilos compactus** subsp. **canus**

sororia (N.E.Br.) N.E.Br. = **Pleiospilos compactus** subsp. **sororius**

RABIEA N.E.Br. 2405102

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 237, 238.

albinota (Haw.) N.E.Br.
R. albinota (Haw.) N.E.Br. var. *longipetala* L.Bolus (1)
R. albinota (Haw.) N.E.Br. var. *microstigma* L.Bolus (1)
Perennial. Succulent. Ht up to 0.08 m. Alt? 'CP'

albinota (Haw.) N.E.Br. var. *longipetala* L.Bolus = **R. albinota**

albinota (Haw.) N.E.Br. var. *microstigma* L.Bolus = **R. albinota**

albipuncta (Haw.) N.E.Br.
R. albipuncta (Haw.) N.E.Br. var. *major* L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1700 m. FS

albipuncta (Haw.) N.E.Br. var. *major* L.Bolus = **R. albipuncta**

comptonii (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 1400–1600 m. FS

difformis (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 990–1500 m. EC

jamesii (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 990–1500 m. EC

lesliei N.E.Br.
Perennial. Succulent. Ht up to 0.05 m. Alt 1600–1880 m. FS

tersa N.E.Br. = **Prepodesma orpenii**

RHINEPHYLLUM N.E.Br. 2405103

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 264.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 239–241.

broomii L.Bolus
Perennial. Succulent. Ht up to 0.03 m, when in flower. Alt 1200–1700 m. NC

comptonii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1600 m. FS, WC

frithii (L.Bolus) L.Bolus = **Peersia frithii**

graniforme (Haw.) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 800–1100 m. WC

inaequale L.Bolus
R. inaequale L.Bolus var. *latipetalum* L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1600 m. EC

inaequale L.Bolus var. *latipetalum* L.Bolus = **R. inaequale**

luteum (L.Bolus) L.Bolus
Ruschia lutea L.Bolus (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100 m. WC

macradenium (L.Bolus) L.Bolus = **Peersia macradenia**

muirii N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt 300–850 m. WC

obliquum L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 1200–1500 m. NC

parvifolium L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 300–900 m. EC

pillansii N.E.Br.
Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1200 m. WC

rouxii (L.Bolus) L.Bolus = **Chasmatophyllum rouxii**

schonlandii L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1500 m. NC

vanheerdei L.Bolus = **Peersia vanheerdei**

RHOMBOPHYLLUM (Schwantes) Schwantes 2405104

(1) Hartmann. 1998. *Bradleya* 16: 44–91.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 241–243.

albanense (L.Bolus) H.E.K.Hartmann
Hereroa albanensis L.Bolus (1)
Mesembryanthemum dyeri (L.Bolus) N.E.Br. (1)
Ruschia dyeri L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 650–820 m. EC

dolabriforme (L.) Schwantes
Hereroa dolabriformis (L.) L.Bolus (1)
Mesembryanthemum dolabriforme L. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 700–1100 m. EC

dyeri (L.Bolus) H.E.K.Hartmann
Hereroa dyeri L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 750–1000 m. EC

nelii Schwantes
Perennial. Succulent. Ht? Alt 450–1200 m. EC

rhomboideum (Salm-Dyck) Schwantes
Bergeranthus rhomboideus (Salm-Dyck) Schwantes (1)
Mesembryanthemum rhomboideum Salm-Dyck (1)
R. rhomboideum (Salm-Dyck) Schwantes var. *groppiorum* Heinrich (1)
Perennial. Succulent. Ht ± 0.03 m, 0.1 m when in flower. Alt? EC

rhomboideum (Salm-Dyck) Schwantes var. *groppiorum* Heinrich = **R. rhomboideum**

RHOPALOCYCLUS Schwantes 2405201

herrei Schwantes = **Leipoldtia schultzei**

nelii Schwantes = **Leipoldtia schultzei**

weigangianus (Dinter) Dinter & Schwantes = **Leipoldtia weigangiana** subsp. **weigangiana**

ROODIA N.E.Br. 2405158

digitifolia N.E.Br. = **Argyroderma fissum**

RUSCHIA Schwantes 2405105

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 251, 277.
(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 393.
(3) Bolus. 1931. *The Flowering Plants of South Africa* 11: tt. 416, 418.
(4) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1013.
(5) Bolus. 1969. *The Flowering Plants of Africa* 39: t. 1530.
(6) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1937.
(7) Glen. 1987. *The Flowering Plants of Africa* 49: t. 1960.
(8) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(9) Hartmann. 1996. *Bradleya* 14: 29–56.
(10) Hartmann. 1998. *Bothalia* 28: 67–82.
(11) Hartmann. 1998. *Bradleya* 16: 44–91.
(12) Hartmann. 1999. *Bradleya* 17: 38–74.
(13) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 244–284.
(14) Klak. 2001. *Phylogeny and character evolution in the* Lampranthus *group (Aizoaceae–Ruschioideae).* Unpublished Ph.D. thesis. University of Cape Town.

abbreviata L.Bolus
R. subaphylla Friedrich (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 250–1500 m. N, NC

abrupta (A.Berger) G.D.Rowley = **Octopoma abruptum**

acocksii L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 700–900 m. NC

acuminata L.Bolus
Mesembryanthemum exacutum N.E.Br. (12)
Perennial. Succulent. Ht up to 0.2 m. Alt 500–900 m. WC

acutangula (Haw.) Schwantes
Mesembryanthemum acutangulum Haw. (12)
Mesembryanthemum vaginatum Haw. var. *acutangulum* A.Berger (12)
Perennial. Succulent. Ht up to 1.2 m. Alt ± 700 m. WC

addita L.Bolus = **Antimima addita**

aggregata L.Bolus
Perennial. Succulent. Ht up to 0.36 m. Alt ± 1200 m. NC

alata L.Bolus
Perennial. Succulent. Ht up to 0.18 m. Alt 200–350 m. WC

albertensis L.Bolus = **R. spinosa**

albiflora L.Bolus = **Polymita albiflora**

alborubra L.Bolus = **Antimima alborubra**

altigena (L.Bolus) L.Bolus
Mesembryanthemum altigenum L.Bolus (12)
Perennial. Succulent. Ht up to 0.13 m. Alt ± 1700 m. WC

amicorum (L.Bolus) Schwantes
Mesembryanthemum amicorum L.Bolus (13)
Perennial. Succulent. Ht 0.3–0.4 m. Alt? WC

amoena Schwantes = **Antimima amoena**

amphibolia G.D.Rowley = **Lampranthus amphibolius**

ampliata L.Bolus
Mesembryanthemum ampliatum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.25 m. Alt 20–250 m. NC

androsacea Marloth & Schwantes = **Antimima androsacea**

androsacea Marloth & Schwantes, naked name = **Antimima androsacea**

approximata (L.Bolus) Schwantes
Mesembryanthemum approximatum L.Bolus (12)
Perennial. Succulent. Ht 0.09–0.14 m. Alt 500–850 m. WC

archeri L.Bolus
R. archeri L.Bolus var. *sexpartita* L.Bolus (13)
Perennial. Succulent. Ht up to 0.33 m. Alt 750–1600 m. WC

archeri L.Bolus var. *sexpartita* L.Bolus = **R. archeri**

arenosa L.Bolus = **Lampranthus arenarius**

argentea L.Bolus = **Antimima argentea**

aristata L.Bolus = **Erepsia aristata**

aristulata (Sond.) Schwantes = **Antimima aristulata**

armata L.Bolus = **Arenifera stylosa**

aspera L.Bolus
Perennial. Succulent. Ht up to 0.22 m. Alt up to 1200 m. NC

atrata L.Bolus
Mesembryanthemum atratum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.28 m. Alt up to 1000 m. NC

axthelmiana (Dinter) Schwantes
Mesembryanthemum axthelmianum Dinter (12)
Perennial. Succulent. Ht up to 0.5 m. Alt 900–2000 m. N

barnardii L.Bolus
Mesembryanthemum barnardii (L.Bolus) N.E.Br. (12)
Mesembryanthemum pseudorupicolum Dinter, naked name (12)
R. kakamasensis L.Bolus (12)
Perennial. Succulent, shrub. Ht up to 0.3 m. Alt 900–1200 m. N, NC

beaufortensis L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 950–1950 m. WC

bicolorata L.Bolus = **Stoeberia beetzii**

biformis (N.E.Br.) Schwantes = **Antimima biformis**

bijliae L.Bolus
Mesembryanthemum bijliae (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht 0.06–0.09 m. Alt 800–950 m. WC

bina L.Bolus = **Antimima bina**

bipapillata L.Bolus
Perennial. Succulent. Ht up to 0.22 m. Alt 200–300 m. WC

bolusiae Schwantes
Mesembryanthemum albicute N.E.Br. (12)
R. rigida L.Bolus, not of (Haw.) Schwantes (12)
Perennial. Shrub, succulent. Ht up to 0.12 m. Alt 300–550 m. WC

bracteata L.Bolus = **Antimima bracteata**

brakdamensis (L.Bolus) L.Bolus
Mesembryanthemum brakdamense L.Bolus (12)
Perennial. Succulent. Ht 0.1–0.25 m. Alt up to 1200 m. NC

breekpoortensis L.Bolus
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt? NC

brevibracteata L.Bolus
Perennial. Succulent, shrub. Ht? Alt up to 1200 m. NC

brevicarpa L.Bolus = **Antimima brevicarpa**

brevicollis (N.E.Br.) Schwantes = **Antimima brevicollis**

brevicyma L.Bolus
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt? 'SA'

brevifolia L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt up to 1200 m. NC

brevipes L.Bolus
Mesembryanthemum firmum N.E.Br. (12)
R. brevipes L.Bolus var. *gracilis* L.Bolus (12)
Perennial. Succulent. Ht 0.3–0.45 m. Alt 800–950 m. WC

brevipes L.Bolus var. *gracilis* L.Bolus = **R. brevipes**

britteniae L.Bolus
Mesembryanthemum iteratum N.E.Br. (12)
Perennial. Succulent. Ht? Alt 600–900 m. EC

buchubergensis Dinter = **Antimima buchubergensis**

burtoniae L.Bolus
Perennial. Succulent. Ht up to 0.6 m. Alt 200–900 m. NC, WC

calcarea L.Bolus
Perennial. Succulent. Ht? Alt 1110–1210 m. NC

calcicola (L.Bolus) L.Bolus
Mesembryanthemum calcicola L.Bolus (12)
Perennial. Shrub, succulent. Ht? Alt 200–320 m. WC

callifera L.Bolus
Perennial. Succulent. Ht up to 0.13 m. Alt 800–950 m. WC

calycina L.Bolus = **Zeuktophyllum calycinum**

campestris (Burch.) Schwantes
Mesembryanthemum campestre Burch. (13)
Perennial. Succulent. Ht up to 0.45 m. Alt 800–950 m. NC

canonotata (L.Bolus) Schwantes
Mesembryanthemum canonotatum L.Bolus (12)
R. orsmondiae L.Bolus (12)
Perennial. Succulent. Ht up to 0.2 m. Alt 1100–1500 m. FS, NC

capornii (L.Bolus) L.Bolus
Lampranthus capornii (L.Bolus) L.Bolus (12)
Mesembryanthemum capornii L.Bolus (12)
Mesembryanthemum capornii L.Bolus forma *ferum* L.Bolus (12)
Mesembryanthemum capornii L.Bolus var. *longifolium* L.Bolus (12)
Perennial. Succulent. Ht? Alt 200–400 m. NC

capulata (L.Bolus) Schwantes = **R. cupulata**

caroli (L.Bolus) Schwantes
Mesembryanthemum caroli L.Bolus (13)
Perennial. Shrub, succulent. Ht? Alt 300–550 m. WC

caudata L.Bolus
Perennial. Succulent. Ht 0.25–0.4 m. Alt 200–460 m. WC

cedarbergensis L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 600–1300 m. WC

centrocapsula H.E.K.Hartmann & Stüber
Perennial. Succulent. Ht? Alt 850–1250 m. NC

ceresiana L.Bolus
Perennial. Succulent. Ht? Alt 500–1200 m. WC

cincta (L.Bolus) L.Bolus
Mesembryanthemum cinctum L.Bolus (12)
Perennial. Succulent. Ht? Alt 150–330 m. WC

clavata L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–350 m. WC

cleista L.Bolus = **Eberlanzia sedoides**

compacta L.Bolus = **Antimima compacta**

complanata L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1800 m. EC

compressa L.Bolus = **Antimima compressa**

comptonii L.Bolus = **Drosanthemum pulverulentum**

concava L.Bolus = **Antimima dasyphylla**

concinna L.Bolus = **Antimima concinna**

condensa (N.E.Br.) Schwantes = **Antimima condensa**

congesta (Salm-Dyck) L.Bolus
Mesembryanthemum congestum Salm-Dyck (12)
Perennial. Succulent. Ht? Alt 50–750 m. EC

conjuncta L.Bolus = **Octopoma connatum**

connata L.Bolus = **Octopoma connatum**

constricta L.Bolus = **Acrodon bellidiflorus**

copiosa L.Bolus
Perennial. Succulent. Ht 0.3–0.5 m. Alt 300–550 m. WC

coriaria (Burch. ex N.E.Br.) Schwantes = **Psilocaulon coriarium**

costata L.Bolus
Perennial. Succulent. Ht? Alt 500–800 m. WC

cradockensis (Kuntze) H.E.K.Hartmann & Stüber subsp. **cradockensis**
Eberlanzia cradockensis (Kuntze) Schwantes (8)
Eberlanzia horrescens (L.Bolus) L.Bolus (8)
Eberlanzia horrescens (L.Bolus) L.Bolus var. *densa* (L.Bolus) H.Jacobsen, invalid name (8)
Eberlanzia horrida (L.Bolus) L.Bolus (11)
Mesembryanthemum cradockense Kuntze (8)
Mesembryanthemum spinosum L. var. *cradockense* (Kuntze) A.Berger ex Range, naked name (12)
R. horrescens L.Bolus (8)
R. horrescens L.Bolus var. *densa* L.Bolus (8)
R. horrida L.Bolus (8)
Perennial. Succulent. Ht? Alt 500–1300 m. WC, EC

cradockensis (Kuntze) H.E.K.Hartmann & Stüber subsp. **triticiformis** (L.Bolus) H.E.K.Hartmann & Stüber
Eberlanzia triticiformis (L.Bolus) L.Bolus (8)
Eberlanzia triticiformis (L.Bolus) L.Bolus var. *subglobosa* L.Bolus (11)
Mesembryanthemum triticiforme L.Bolus (8)
Perennial. Succulent. Ht up to 0.5 m. Alt 800–1200 m. NC

crassa (L.Bolus) Schwantes
Mesembryanthemum crassum L.Bolus (12)
Perennial. Succulent. Ht up to 0.8 m. Alt 800–1300 m. WC

crassifolia L.Bolus = **Antimima crassifolia**

crassisepala L.Bolus
R. crassisepala L.Bolus var. *major* L.Bolus (12)
Perennial. Succulent. Ht? Alt 200–350 m. WC

crassisepala L.Bolus var. major L.Bolus = **R. crassisepala**

crassuloides L.Bolus = **Eberlanzia sedoides**

cupulata (L.Bolus) Schwantes
Mesembryanthemum cupulatum L.Bolus (12)
R. capulata (L.Bolus) Schwantes (12)
Perennial. Succulent. Ht up to 0.2 m. Alt 100–260 m. WC

curta (Haw.) Schwantes
Mesembryanthemum curtum Haw. (12)
Mesembryanthemum vaginatum Haw. var. *curtum* (Haw.) A.Berger (12)
Perennial. Shrub, succulent. Ht? Alt? 'SA'

cyathiformis L.Bolus = **Eberlanzia cyathiformis**

cymbifolia (Haw.) L.Bolus
Mesembryanthemum cymbifolium Haw. (12)
Mesembryanthemum deceptum N.E.Br., illegitimate name (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 350–490 m. WC

cymosa (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.2–0.4 m. Alt 500–850 m. WC

dasyphylla (Schltr.) Schwantes = **Antimima dasyphylla**

decumbens L.Bolus
Mesembryanthemum deflectum N.E.Br. (12)
Perennial. Succulent. Ht? Alt 800–1050 m. WC

decurrens L.Bolus
Mesembryanthemum decurrens (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht? Alt 200–350 m. WC

decurvans L.Bolus
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 175–350 m. WC

defecta L.Bolus = **Antimima defecta**

deflecta L.Bolus = **Antimima defecta**

dejagerae L.Bolus
Mesembryanthemum dejagerae (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.07 m. Alt 800–1200 m. WC

dekenahi (N.E.Br.) Schwantes = **Antimima dekenahi**

deminuta L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1700 m. N

densiflora L.Bolus
Perennial. Succulent. Ht up to 0.45 m. Alt 300–500 m. WC

depressa L.Bolus
Perennial. Succulent. Ht? Alt 50–275 m. EC

derenbergiana (Dinter) C.Weber = **Ebracteola derenbergiana**

dichotoma L.Bolus = **Eberlanzia dichotoma**

dichroa (Rolfe) L.Bolus
Cylindrophyllum dichroum (Rolfe) Schwantes (12)
Mesembryanthemum dichroum Rolfe (12)
R. dichroa (Rolfe) L.Bolus var. *alba* L.Bolus (12)
Perennial. Succulent. Ht up to 0.3 m. Alt 760–850 m. NC, WC

dichroa (Rolfe) L.Bolus var. *alba* L.Bolus = **R. dichroa**

dilatata L.Bolus
Perennial. Shrub, succulent. Ht? Alt 150–250 m. WC

disarticulata L.Bolus = **Antimima hantamensis**

dissimilis G.D.Rowley = **Lampranthus dissimilis**

distans (L.Bolus) L.Bolus = **Antimima distans**

diutina L.Bolus = **Polymita albiflora**

divaricata L.Bolus
Eberlanzia divaricata (L.Bolus) L.Bolus (8)
Eberlanzia tatasbergensis L.Bolus (8)
Eberlanzia vulnerans (L.Bolus) L.Bolus (8)
Mesembryanthemum spinescens Pax, naked name (12)
R. vulnerans L.Bolus (8)
Perennial. Succulent. Ht up to 0.35 m. Alt 150–1100 m. N, FS, NC

diversifolia L.Bolus
Mesembryanthemum variifolium N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.14 m. Alt 300–550 m. WC

dolomitica (Dinter) Dinter & Schwantes = **Antimima dolomitica**

drepanophylla (Schltr. & A.Berger) L.Bolus = **Esterhuysenia drepanophylla**

drepanophylla (Schltr. & A.Berger) L.Bolus var. *sneeubergensis* L.Bolus = **Esterhuysenia drepanophylla**

dualis (N.E.Br.) L.Bolus = **Antimima dualis**

dubitans (L.Bolus) L.Bolus = **Lampranthus dubitans**

duplessiae L.Bolus = **Acrodon bellidiflorus**

duthiae (L.Bolus) Schwantes
Mesembryanthemum duthiae L.Bolus (12)
Perennial. Succulent. Ht 0.07–0.1 m. Alt 20–650 m. WC

dyeri L.Bolus = **Rhombophyllum albanense**

ebracteata L.Bolus = **Eberlanzia ebracteata**

edentula (Haw.) L.Bolus
Braunsia edentula (Haw.) N.E.Br. (12)
Echinus edentulus (Haw.) N.E.Br. (12)
Mesembryanthemum edentulum Haw. (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt? 'SA'

elevata L.Bolus = **Antimima elevata**

elineata L.Bolus
Mesembryanthemum elineatum (L.Bolus) N.E.Br. (12)
Perennial. Shrub, succulent. Ht? Alt ± 1200 m. NC

emarcescens L.Bolus = **Antimima emarcescens**

emarcidens L.Bolus ex Jacobsen = **Antimima emarcescens**

erecta (L.Bolus) Schwantes
Mesembryanthemum erectum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 1000–1200 m. NC

erosa L.Bolus = **Antimima erosa**

esterhuyseniae L.Bolus
Perennial. Shrub, succulent. Ht up to 0.2 m. Alt 1000–1700 m. WC

evoluta (N.E.Br.) L.Bolus = **Antimima evoluta**

excedens L.Bolus = **Antimima excedens**

exigua L.Bolus
Perennial. Succulent. Ht? Alt 500–850 m. WC

exsurgens L.Bolus = **Antimima exsurgens**

extensa L.Bolus
Perennial. Shrub, succulent. Ht? Alt 1000–1200 m. NC

fenestrata L.Bolus = **Antimima fenestrata**

fergusoniae L.Bolus = **Antimima fergusoniae**

ferox L.Bolus = **R. intricata**

festiva (N.E.Br.) Schwantes
Mesembryanthemum festivum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m. WC

filamentosa (L.) L.Bolus = **Erepsia forficata**

filipetala L.Bolus
Mesembryanthemum filipetalum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.32 m. Alt 300–550 m. WC

firma L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 200–350 m. WC

floribunda L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m. WC

foliosa (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt? 'SA'

forficata in sense of L.Bolus in part, misapplied name = **Acrodon purpureostylus**

forficata (L.) L.Bolus = **Erepsia forficata**

fourcadei L.Bolus
Mesembryanthemum fourcadei in sense of (L.Bolus) N.E.Br., not of L.Bolus, illegitimate name (12)
Perennial. Succulent. Ht? Alt 700–1100 m. WC, EC

framesii L.Bolus
Mesembryanthemum framesii (L.Bolus) N.E.Br., illegitimate name (12)
Perennial. Succulent. Ht up to 0.07 m. Alt 620–920 m. EC

fredericii (L.Bolus) L.Bolus
Mesembryanthemum fredericii L.Bolus (12)
Perennial. Succulent. Ht? Alt 300–700 m. WC

frutescens (L.Bolus) L.Bolus = **Stoeberia frutescens**

fugitans L.Bolus
Perennial. Succulent. Ht? Alt 200–550 m. NC, WC

fulleri L.Bolus = **Ebracteola fulleri**

gemina L.Bolus = **Cerochlamys gemina**

geminiflora (Haw.) Schwantes
Mesembryanthemum geminatum Jacq. (12)
Mesembryanthemum geminatum Salm-Dyck (12)
Mesembryanthemum geminiflorum Haw. (12)
Perennial. Shrub, succulent. Ht? Alt 50–500 m. WC

gibbosa L.Bolus = **Leipoldtia compacta**

glauca L.Bolus
Mesembryanthemum valens N.E.Br. (12)
Perennial. Succulent. Ht up to 0.03 m. Alt up to 1200 m. NC

globularis L.Bolus = **R. spinosa**

goodiae L.Bolus
Mesembryanthemum goodiae (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht? Alt 700–1120 m. NC

gracilipes L.Bolus
Perennial. Succulent. Ht? Alt 1200–1500 m. NC

gracilis L.Bolus
Mesembryanthemum exile N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt ± 120 m. WC

gracillima L.Bolus = **Antimima gracillima**

graminea H.Jacobsen = **Acrodon bellidiflorus**

granitica (L.Bolus) L.Bolus = **Antimima granitica**

gravida L.Bolus = **Eberlanzia gravida**

griquensis (L.Bolus) Schwantes
Mesembryanthemum griquense L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt 800–1400 m. FS, NC

grisea (L.Bolus) Schwantes
Mesembryanthemum griseum L.Bolus (12)
Perennial. Succulent. Ht up to 0.3 m. Alt 500–1000 m. NC, WC

gydouwensis (L.Bolus) G.D.Rowley = **Lampranthus gydouwensis**

hallii L.Bolus = **Antimima hallii**

hallowayana L.Bolus = **Eberlanzia schneideriana**

hamata (L.Bolus) Schwantes
Mesembryanthemum hamatum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt up to 3000 m. NW, FS, L, NC

hamatilis L.Bolus = **Antimima hamatilis**

haworthii H.Jacobsen & G.D.Rowley
Mesembryanthemum dilatatum Haw. (12)
Perennial. Shrub, succulent. Ht up to 0.9 m. Alt? 'CP'

herrei Schwantes = **Antimima herrei**

heteropetala L.Bolus
Perennial. Shrub, succulent. Ht up to 0.2 m. Alt 800–1100 m. WC

hexamera L.Bolus
Mesembryanthemum hexamerum (L.Bolus) N.E.Br. (12)
R. hexamera L.Bolus var. *longipetala* L.Bolus (12)
Perennial. Succulent. Ht? Alt 700–1100 m. NC

hexamera L.Bolus var. *longipetala* L.Bolus = **R. hexamera**

holensis L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–350 m. WC

hollowayana L.Bolus = **Eberlanzia schneideriana**

horrescens L.Bolus = **R. cradockensis** subsp. **cradockensis**

horrescens L.Bolus var. *densa* L.Bolus = **R. cradockensis** subsp. **cradockensis**

horrida L.Bolus = **R. cradockensis** subsp. **cradockensis**

hutchinsonii L.Bolus = **Amphibolia laevis**

imbricata (Haw.) Schwantes
Mesembryanthemum imbricatum Haw. (13)
Mesembryanthemum imbricatum Haw. var. *rubrum* Haw. (12)
Mesembryanthemum multiflorum Haw. var. *rubrum* (Haw.) Haw. (12)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt ± 175 m. WC

impressa L.Bolus
Mesembryanthemum impressum (L.Bolus) J.W.Ingram (12)
Perennial. Succulent. Ht up to 0.06 m. Alt 730–1100 m. WC

inclaudens L.Bolus = **Esterhuysenia inclaudens**

inclusa L.Bolus
Mesembryanthemum amplexum N.E.Br. (12)
Perennial. Succulent. Ht 0.06–0.08 m. Alt 800–1100 m. WC

inconspicua L.Bolus
Mesembryanthemum latens N.E.Br. (12)
Perennial. Succulent. Ht up to 0.15 m. Alt 100–1000 m. N, NC

incumbens L.Bolus
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 300–550 m. WC

incurvata L.Bolus
Mesembryanthemum incurvatum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.5 m. Alt 300–550 m. WC

indecora (L.Bolus) Schwantes
Mesembryanthemum indecorum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 50–175 m. WC

indurata (L.Bolus) Schwantes
Mesembryanthemum induratum L.Bolus (12)
Perennial. Succulent. Ht? Alt 700–1400 m. EC

insidens L.Bolus = **Antimima insidens**

integra Schwantes = **Smicrostigma viride**

intermedia L.Bolus
Perennial. Succulent. Ht 0.22–0.34 m. Alt 800–1450 m. WC

intervallaris L.Bolus = **Antimima intervallaris**

intricata (N.E.Br.) H.E.K.Hartmann & Stüber
Eberlanzia ferox (L.Bolus) L.Bolus (8)
Eberlanzia intricata (N.E.Br.) Schwantes (8)
Eberlanzia munita (L.Bolus) Schwantes (8)
Eberlanzia persistens (L.Bolus) L.Bolus (8)
Eberlanzia puniens (L.Bolus) L.Bolus (8)
Mesembryanthemum intricatum N.E.Br. (8)
Mesembryanthemum munitum L.Bolus (8)
Mesembryanthemum tuitum N.E.Br. on herbarium label, naked name (12)
R. ferox L.Bolus (8)
R. persistens L.Bolus (8)
R. puniens L.Bolus (8)
Perennial. Succulent. Ht up to 0.7 m. Alt 800–1500 m. FS, NC, WC, EC

intrusa (Kensit) L.Bolus = **Brianhuntleya intrusa**

ivori (N.E.Br.) Schwantes = **Antimima ivori**

jacobseniana L.Bolus = **Astridia longifolia**

kakamasensis L.Bolus = **R. barnardii**

karrachabensis L.Bolus
Perennial. Succulent. Ht? Alt 400–900 m. NC

karroidea L.Bolus = **Antimima karroidea**

karrooica (L.Bolus) L.Bolus
Mesembryanthemum karrooicum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 800–1100 m. WC

kenhardtensis L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 900–1150 m. NC

klaverensis (L.Bolus) Schwantes = **Antimima klaverensis**

klipbergensis L.Bolus
Perennial. Succulent. Ht up to 0.33 m. Alt 250–380 m. WC

knysnana (L.Bolus) L.Bolus
Mesembryanthemum knysnanum L.Bolus (12)
R. knysnana (L.Bolus) L.Bolus var. *angustifolia* L.Bolus (12)
Perennial. Shrub, succulent. Ht 0.3–0.4 m. Alt 50–650 m. WC, EC

knysnana (L.Bolus) L.Bolus var. *angustifolia* L.Bolus = **R. knysnana**

koekenaapensis L.Bolus = **Antimima koekenaapensis**

komkansica L.Bolus = **Antimima komkansica**

kuboosana L.Bolus
Perennial. Succulent. Ht? Alt 700–1150 m. NC

langebaanensis L.Bolus
Perennial. Succulent. Ht? Alt 20–175 m. WC

lapidicola L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 600–1070 m. WC

lavisii L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 20–220 m. WC

lawsonii (L.Bolus) L.Bolus = **Antimima lawsonii**

laxa (Willd.) Schwantes
Perennial. Succulent. Ht? Alt? 'SA'

laxiflora L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt? NC

laxipetala L.Bolus
Mesembryanthemum laxipetalum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht 0.6–0.7 m. Alt 800–1100 m. WC

leightoniae L.Bolus = **Lampranthus francesiae**

leipoldtii L.Bolus = **Antimima leipoldtii**

leptocalyx L.Bolus
Perennial. Succulent. Ht? Alt 175–350 m. WC

lerouxiae (L.Bolus) L.Bolus
Lampranthus lerouxiae (L.Bolus) N.E.Br. (12)
Mesembryanthemum lerouxiae L.Bolus (12)
Perennial. Succulent. Ht? Alt 750–1200 m. NC

leucanthera (L.Bolus) L.Bolus = **Antimima leucanthera**

leucosperma L.Bolus
Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 175–1200 m. NC

levynsiae (L.Bolus) Schwantes = **Antimima pumila**

limbata (N.E.Br.) Schwantes = **Antimima limbata**

lineolata (Haw.) Schwantes
Mesembryanthemum lineolatum Haw. (6)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt 250–550 m. WC

lisabeliae L.Bolus
Perennial. Shrub, succulent. Ht? Alt 100–200 m. WC

littlewoodii L.Bolus
Perennial. Succulent. Ht? Alt 500–1050 m. WC

lodewykii L.Bolus = **Antimima lodewykii**

loganii L.Bolus = **Antimima loganii**

lokenbergensis L.Bolus = **Antimima lokenbergensis**

longifolia L.Bolus = **Acrodon bellidiflorus**

longipes L.Bolus = **Antimima longipes**

luckhoffii L.Bolus = **Antimima luckhoffii**

lutea L.Bolus = **Rhinephyllum luteum**

macovanii (L.Bolus) Schwantes ex H.Jacobsen = **R. macowanii**

macowanii (L.Bolus) Schwantes
Mesembryanthemum macowanii L.Bolus (12)
R. macovanii (L.Bolus) Schwantes ex H.Jacobsen (12)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt 20–175 m. WC

macrophylla L.Bolus = **Acrodon bellidiflorus**

macroura L.Bolus = **R. spinosa**

maleolens L.Bolus = **Antimima maleolens**

mallesoniae (L.Bolus) L.Bolus = **Esterhuysenia drepanophylla**

marginata L.Bolus = **Lampranthus marginatus**

mariae L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 400–1100 m. EC

marianae (L.Bolus) Schwantes
Mesembryanthemum marianae L.Bolus (12)
Perennial. Succulent. Ht up to 0.35 m. Alt 300–850 m. NC, WC

maritima (L.Bolus ex Tölken & Jessop) G.D.Rowley = **Amphibolia laevis**

mathewsii L.Bolus = **Antimima mucronata**

maxima (Haw.) L.Bolus
Astridia maxima (Haw.) Schwantes (12)
Mesembryanthemum maximum Haw. (12)
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 300–800 m. WC

maxwellii L.Bolus = **Antimima maxwellii**

menniei L.Bolus = **Antimima menniei**

mesklipensis L.Bolus = **Antimima mesklipensis**

meyerae Schwantes = **Antimima meyerae**

meyeri Schwantes = **Antimima papillata**

microphylla (Haw.) Schwantes = **Antimima microphylla**

middlemostii L.Bolus
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt? NC

milleflora L.Bolus = **Eberlanzia dichotoma**

minutifolia L.Bolus = **Antimima minutifolia**

misera (L.Bolus) L.Bolus
Mesembryanthemum miserum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.37 m. Alt? 'SA'

modesta L.Bolus forma *glabrescens* L.Bolus = **Antimima modesta**

modesta L.Bolus forma *modesta* = **Antimima modesta**

mollis (A.Berger) Schwantes
Mesembryanthemum lene N.E.Br. (12)
Mesembryanthemum molle in sense of A.Berger, not of Aiton, illegitimate name (12)
Perennial. Shrub, succulent. Ht? Alt? 'SA'

montaguensis L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 850–1250 m. WC

monticola (Sond.) G.D.Rowley = **Ottosonderia monticola**

mucronata (Haw.) Schwantes = **Antimima mucronata**

muelleri (L.Bolus) Schwantes
Mesembryanthemum muelleri L.Bolus (13)
Perennial. Shrub, succulent. Ht up to 1.2 m. Alt 350–1200 m. N, NC

muiriana (L.Bolus) Schwantes
Mesembryanthemum muirianum L.Bolus (12)
Perennial. Succulent. Ht up to 0.25 m. Alt 700–1100 m. WC

multiflora (Haw.) Schwantes
Mesembryanthemum multiflorum Haw. (6)
Perennial. Shrub, succulent. Ht up to 1 m. Alt 250–850 m. WC

muricata L.Bolus
Mesembryanthemum pellanum N.E.Br. (12)
Perennial. Succulent. Ht? Alt 700–1100 m. N, NC

mutata G.D.Rowley = **Lampranthus mutatus**

mutica L.Bolus = **Antimima mutica**

namaquana L.Bolus = **Amphibolia rupis-arcuatae**

namaquana L.Bolus var. *quinqueflora* L.Bolus = **Eberlanzia ebracteata**

namusmontana Friedrich
Perennial. Succulent. Ht up to 0.35 m. Alt 450–1000 m. N

nana L.Bolus
Mesembryanthemum reductum N.E.Br. in part, illegitimate name (12)
Perennial. Succulent. Ht up to 0.04 m. Alt 750–1100 m. WC

neilii L.Bolus = **Stayneria neilii**

nelii Schwantes
Perennial. Succulent. Ht? Alt? 'SA'

neovirens Schwantes
Perennial. Succulent. Ht? Alt 50–175 m. EC

nieuwerustensis L.Bolus
Perennial. Succulent. Ht? Alt 350–590 m. WC

nobilis Schwantes = **Antimima nobilis**

nonimpressa L.Bolus
Perennial. Succulent. Ht? Alt 990–1500 m. EC

nordenstamii L.Bolus = **Antimima nordenstamii**

obtusa L.Bolus
Mesembryanthemum hebes N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt up to 1200 m. NC

obtusifolia L.Bolus = **Antimima watermeyeri**

octojugis (L.Bolus) L.Bolus = **Octopoma octojuge**

octonaria (L.Bolus) G.D.Rowley = **Enarganthe octonaria**

odontocalyx (Schltr. & Diels) Schwantes
Mesembryanthemum odontocalyx Schltr. & Diels (12)
Perennial. Shrub, succulent. Ht? Alt 1000–1600 m. N

orientalis L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 700–950 m. EC

orsmondiae L.Bolus = **R. canonotata**

ottosonderi G.D.Rowley = **Ottosonderia monticola**

oviformis L.Bolus = **Antimima oviformis**

pakhuisensis L.Bolus = **Lampranthus pakpassensis**

pallens L.Bolus
Perennial. Succulent. Ht up to 0.6 m. Alt 20–175 m. NC

papillata L.Bolus = **Antimima papillata**

paripetala (L.Bolus) L.Bolus
Mesembryanthemum paripetalum L.Bolus (12)
Perennial. Succulent. Ht 0.3–0.6 m. Alt 20–175 m. NC

paripetala (L.Bolus) L.Bolus var. *occultans* L.Bolus = **Antimima perforata**

parvibracteata L.Bolus = **Eberlanzia parvibracteata**

parviflora (Haw.) Schwantes
Mesembryanthemum parviflorum in sense of Haw., not of Jacq. (13)
Perennial. Shrub, succulent. Ht up to 0.9 m. Alt? 'SA'

parvifolia L.Bolus

Perennial. Shrub, succulent. Ht? Alt 800–1200 m. WC

patens L.Bolus
Mesembryanthemum diplosum N.E.Br. (12)
Perennial. Succulent. Ht up to 0.25 m. Alt 800–1400 m. WC

patulifolia L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 250–350 m. WC

pauciflora L.Bolus
Perennial. Succulent. Ht? Alt 800–1400 m. WC

paucifolia L.Bolus = **Antimima paucifolia**

paucipetala L.Bolus
Perennial. Shrub, succulent. Ht up to 0.24 m. Alt 980–1100 m. NC

pauper L.Bolus = **Antimima pauper**

peersii L.Bolus = **Antimima peersii**

perfoliata (Mill.) Schwantes
Mesembryanthemum perfoliatum Mill. (12)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 800–1200 m. WC, EC

perforata L.Bolus = **Antimima perforata**

persistens L.Bolus = **R. intricata**

persistens L.Bolus (1963), not of L.Bolus (1932), illegitimate name = **Antimima persistens**

phylicoides L.Bolus
Mesembryanthemum phylicoides (L.Bolus) N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt 100–330 m. NC

pillansii L.Bolus = **Eberlanzia schneideriana**

pilosula L.Bolus = **Antimima pilosula**

pinguis L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 900–1200 m. NC

piscodora L.Bolus = **Antimima piscodora**

polita L.Bolus = **Braunsia geminata**

pollardii Friedrich
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 250–980 m. N

primosii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1200 m. NC

profunda L.Bolus = **Lampranthus profundus**

prolongata L.Bolus = **Antimima prolongata**

promontorii L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 120–175 m. WC

propinqua (N.E.Br.) Schwantes = **Antimima propinqua**

prostrata L.Bolus = **Antimima prostrata**

pulchella (Haw.) Schwantes (insufficiently known)

pulchella (Haw.) Schwantes var. *caespitosa* L.Bolus = **Antimima aristulata**

pulvinaris L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 1200–1800 m. EC

pumila L.Bolus = **Antimima pumila**

punctulata (L.Bolus) L.Bolus ex H.E.K.Hartmann
Lampranthus punctulatus (L.Bolus) L.Bolus (11)
Mesembryanthemum punctulatum L.Bolus (11)
R. unca (L.Bolus) L.Bolus var. *punctulata* (L.Bolus) L.Bolus (11)
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m. NC

pungens (A.Berger) H.Jacobsen
Mesembryanthemum pungens A.Berger (12)
Perennial. Succulent. Ht? Alt 170–800 m. EC

puniens L.Bolus = **R. intricata**

purpureostyla (L.Bolus) Bruyns = **Acrodon purpureostylus**

pusilla Schwantes = **Antimima pusilla**

putterillii (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 1400–3000 m. FS, L, EC

pygmaea (Haw.) Schwantes = **Antimima pygmaea**

quadrisepala L.Bolus = **Octopoma quadrisepalum**

quarzitica (Dinter) Dinter & Schwantes = **Antimima quarzitica**

radicans L.Bolus
Perennial. Succulent. Ht? Alt 300–550 m. WC

rariflora L.Bolus
Perennial. Succulent. Ht? Alt 300–550 m. WC

recurva (Moench) H.E.K.Hartmann
Mesembryanthemum recurvum Moench (11)
Perennial. Succulent. Ht up to 0.35 m. Alt 120–350 m. EC

restituta G.D.Rowley = **Octopoma inclusum**

rigens L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 1200–1500 m. FS

rigida (Haw.) Schwantes
Mesembryanthemum rigidum Haw. (6)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–250 m. WC

rigida L.Bolus, not of (Haw.) Schwantes = **R. bolusiae**

rigidicaulis (Haw.) Schwantes
Perennial. Succulent. Ht? Alt 300–550 m. WC?

robusta L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 700–1200 m. NC

roseola (N.E.Br.) Schwantes = **Antimima roseola**

rostella (Haw.) Schwantes
Mesembryanthemum rostellum Haw. (13)
Perennial. Succulent. Ht? Alt? 'SA'

rubra (L.Bolus) L.Bolus = **Astridia rubra**

rubricaulis (Haw.) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 50–300 m. WC

rupicola (Engl.) Schwantes
Perennial. Succulent. Ht up to 0.7 m. Alt 50–1100 m. N

rupicola L.Bolus, illegitimate name = **Octopoma rupigenum**

rupigena L.Bolus = **Octopoma rupigenum**

rupis-arcuatae (Dinter) Friedrich = **Amphibolia rupis-arcuatae**

ruralis (N.E.Br.) Schwantes

Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1400 m. NW

ruschiana (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 850–1000 m. N

sabulicola Dinter
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1200 m. N

saginata L.Bolus = **Amphibolia saginata**

sandbergensis L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 600–800 m. NC

sarmentosa (Haw.) Schwantes
R. sarmentosa (Haw.) Schwantes var. *rigida* (Salm-Dyck) Schwantes (13)
Perennial. Succulent. Ht? Alt? WC

sarmentosa (Haw.) Schwantes var. *rigida* (Salm-Dyck) Schwantes = **R. sarmentosa**

saturata L.Bolus = **Antimima saturata**

saxicola L.Bolus = **Antimima saxicola**

scabra H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1300 m. NC

schlechteri Schwantes = **Antimima schlechteri**

schneideriana (A.Berger) L.Bolus = **Eberlanzia schneideriana**

schollii (Salm-Dyck) Schwantes
R. schollii (Salm-Dyck) Schwantes var. *caledonica* (L.Bolus) Schwantes (13)
Perennial. Succulent. Ht? Alt 400–650 m. WC

schollii (Salm-Dyck) Schwantes var. *caledonica* (L.Bolus) Schwantes = **R. schollii**

scopelogena G.D.Rowley = **Scopelogena verruculata**

sedoides (Dinter & A.Berger) Friedrich = **Eberlanzia sedoides**

semidentata (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt 550–900 m. WC

semiglobosa L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 150–250 m. WC

senaria L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 190–650 m. NC

serrulata (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt? WC

sessilis (Thunb.) H.E.K.Hartmann
Drosanthemum sessile (Thunb.) Schwantes (11)
Mesembryanthemum sessile Thunb. (11)
Perennial. Succulent. Ht? Alt 250–350 m. WC

simulans L.Bolus = **Antimima simulans**

singula L.Bolus
Perennial. Succulent. Ht? Alt? NC

sobrina (N.E.Br.) Schwantes = **Antimima sobrina**

socia (N.E.Br.) Schwantes = **Argyroderma fissum**

solida (L.Bolus) L.Bolus var. *solida* = **Antimima solida**

solida (L.Bolus) L.Bolus var. *stigmatosa* L.Bolus = **Antimima solida**

solitaria L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 100–350 m. WC

spathulata L.Bolus = **Eberlanzia schneideriana**

sphaerophylla Dinter, naked name = **Eberlanzia schneideriana**

spinescens L.Bolus = **Arenifera spinescens**

spinosa (L.) Dehn
Eberlanzia aculeata (N.E.Br.) Schwantes (8)
Eberlanzia albertensis (L.Bolus) L.Bolus (8)
Eberlanzia globularis (L.Bolus) L.Bolus (8)
Eberlanzia hospitalis (Dinter) Schwantes (8)
Eberlanzia macroura (L.Bolus) L.Bolus (8)
Eberlanzia micrantha (Pax) Schwantes (8)
Eberlanzia mucronifera (Haw.) Schwantes (8)
Eberlanzia spinosa (L.) Schwantes (8)
Mesembryanthemum aculeatum N.E.Br. (8)
Mesembryanthemum hospitale Dinter (8)
Mesembryanthemum mucroniferum Haw. (8)
Mesembryanthemum spinosum L. (8)
Mesembryanthemum spinosum L. var. *micranthum* Pax (8)
R. albertensis L.Bolus (8)
R. globularis L.Bolus (8)
R. macroura L.Bolus (8)
Perennial. Succulent. Ht up to 0.35 m. Alt 250–1100 m. N, NC, WC, EC

staminodiosa L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–350 m. WC

stayneri L.Bolus = **Antimima stayneri**

stellata L.Bolus = **Antimima hantamensis**

stenopetala L.Bolus = **Antimima watermeyeri**

stenophylla (L.Bolus) L.Bolus = **Marlothistella stenophylla**

stokoei L.Bolus = **Antimima stokoei**

stricta L.Bolus
Perennial. Succulent. Ht up to 1 m. Alt up to 1200 m. NC

stricta L.Bolus var. *turgida* L.Bolus = **Amphibolia saginata**

strubeniae (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.75 m. Alt 300–980 m. WC

stylosa L.Bolus = **Arenifera stylosa**

suaveolens L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 350–800 m. WC

subaphylla Friedrich = **R. abbreviata**

subglobosa L.Bolus = **Octopoma subglobosum**

subpaniculata L.Bolus
Perennial. Succulent. Ht? Alt 50–300 m. WC

subsphaerica L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 175–1200 m. NC

subteres L.Bolus
Perennial. Succulent. Ht? Alt 300–1200 m. WC

subtruncata L.Bolus var. *minor* L.Bolus = **Antimima subtruncata**

subtruncata L.Bolus var. *subtruncata* = **Antimima subtruncata**

succulenta L.Bolus = **Amphibolia succulenta**

tardissima L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 600–900 m. NC, WC

tecta L.Bolus
Perennial. Succulent. Ht up to 0.57 m. Alt 250–370 m. WC

tenella (Haw.) Schwantes
Mesembryanthemum tenellum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 600–900 m. WC

testacea L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 350–550 m. WC

tetrasepala L.Bolus = **Octopoma tetrasepalum**

thomae L.Bolus var. *microstigma* L.Bolus = **Esterhuysenia stokoei**

thomae L.Bolus var. *thomae* = **Esterhuysenia stokoei**

translucens L.Bolus = **Stoeberia beetzii**

tribracteata L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt up to 1200 m. NC

triflora L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 300–550 m. WC

triquetra L.Bolus = **Antimima triquetra**

truteri L.Bolus
Perennial. Succulent. Ht? Alt 700–1600 m. EC

tuberculosa L.Bolus = **Antimima tuberculosa**

tumidula (Haw.) Schwantes
Mesembryanthemum tumidulum Haw. (13)
Perennial. Succulent. Ht up to 0.6 m. Alt 170–450 m. WC

turneriana L.Bolus = **Antimima turneriana**

uitenhagensis (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.35 m. Alt 120–450 m. EC

umbellata (L.) Schwantes
Mesembryanthemum umbellatum L. (13)
Perennial. Succulent. Ht 0.3–0.6 m. Alt 50–300 m. WC

unca (L.Bolus) L.Bolus = **Lampranthus uncus**

unca (L.Bolus) L.Bolus var. *punctulata* (L.Bolus) L.Bolus = **R. punctulata**

uncinata (L.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt? WC

unidens (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.16 m. Alt? 'CP'

utilis (L.Bolus) L.Bolus var. *giftbergensis* L.Bolus = **Stoeberia utilis**

utilis (L.Bolus) L.Bolus var. *utilis* = **Stoeberia utilis**

vaginata (Haw.) Schwantes
Mesembryanthemum vaginatum Haw. (6)
Perennial. Succulent. Ht up to 0.6 m. Alt? WC

valida Schwantes
Perennial. Succulent. Ht? Alt 350–700 m. NC

vanbredai L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 900–1200 m. EC

vanderbergiae L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 600–1200 m. EC

vanheerdei L.Bolus
Perennial. Succulent. Ht? Alt 100–420 m. NC

vanniekerkiae L.Bolus
Perennial. Succulent. Ht? Alt 500–950 m. WC

vanzylii L.Bolus = **Antimima vanzylii**

varians L.Bolus = **Antimima varians**

velutina L.Bolus = **Eberlanzia schneideriana**

ventricosa (L.Bolus) Schwantes = **Antimima ventricosa**

verruculata (L.) G.D.Rowley = **Scopelogena verruculata**

verruculosa L.Bolus = **Antimima verrucosula**

versicolor L.Bolus
Perennial. Succulent. Ht? Alt 20–250 m. NC

vetovalida H.E.K.Hartmann
Perennial. Succulent. Ht? Alt? 'SA'

victoris (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–550 m. WC

villetii L.Bolus = **Antimima dualis**

virens L.Bolus
Perennial. Succulent. Ht? Alt ± 360 m. WC

virgata (Haw.) L.Bolus
Mesembryanthemum virgatum Haw. (13)
Antimima virgata (Haw.) Dehn (13)
Perennial. Succulent. Ht? Alt 900–1300 m. WC

viridifolia L.Bolus
Perennial. Succulent. Ht? Alt 800–1200 m. NC

vulnerans L.Bolus = **R. divaricata**

vulvaria (Dinter) Schwantes
Perennial. Succulent. Ht 0.3–0.4 m. Alt 900–1200 m. N

watermeyeri L.Bolus = **Antimima watermeyeri**

willdenowii Schwantes
Perennial. Succulent. Ht? Alt? 'CP'

wilmaniae (L.Bolus) L.Bolus var. *angustifolia* L.Bolus = **Ebracteola wilmaniae**

wilmaniae (L.Bolus) L.Bolus var. *vermeuleniae* (L.Bolus) L.Bolus = **Ebracteola wilmaniae**

wilmaniae (L.Bolus) L.Bolus var. *wilmaniae* = **Ebracteola wilmaniae**

wittebergensis (L.Bolus) Schwantes = **Antimima wittebergensis**

RUSCHIANTHEMUM Friedr. 2405106

gigas (Dinter) Friedrich = **Stoeberia gigas**

RUSCHIANTHUS L.Bolus 2405107

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 285, 286.

falcatus L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1590 m. N

SAPHESIA N.E.Br. 2405108

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 286.

flaccida (Jacq.) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt 175–350 m. WC

SCELETIUM N.E.Br. 2405109

(1) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 9–24.
(2) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 287–290.

albanense L.Bolus = **S. crassicaule**

anatomicum (Haw.) L.Bolus = **S. emarcidum**

archeri L.Bolus = **S. rigidum**

boreale L.Bolus = **S. tortuosum**

compactum L.Bolus = **S. tortuosum**

concavum (Haw.) Schwantes = **S. tortuosum**

crassicaule (Haw.) L.Bolus
Mesembryanthemum crassicaule Haw. (1)
Pentacoilanthus crassicaulis (Haw.) Rappa & Camarrone, invalid name (1)
S. albanense L.Bolus (1)
Perennial. Succulent. Ht 0.15–0.25 m. Alt 50–950 m. WC, EC

dejagerae L.Bolus = **S. emarcidum**

emarcidum (Thunb.) L.Bolus ex H.Jacobsen
Mesembryanthemum anatomicum Haw. var. *anatomicum* (1)
Mesembryanthemum anatomicum Haw. var. *emarcidum* (Thunb.) DC. (1)
Mesembryanthemum anatomicum Haw. var. *fragile* Haw. (1)
Mesembryanthemum emarcidum Thunb. (1)
S. anatomicum (Haw.) L.Bolus (1)
S. dejagerae L.Bolus (1)
Tetracoilanthus anatomicus (Haw.) Rappa & Camarrone, invalid name (1)
Perennial. Succulent. Ht 0.1–0.15 m. Alt 700–1300 m. NC, WC, EC

exalatum Gerbaulet
Perennial. Succulent. Ht up to 0.15 m. Alt 700–1300 m. NC

expansum (L.) L.Bolus
Mesembryanthemum expansum L. (1)
Pentacoilanthus expansus (L.) Rappa & Camarrone, invalid name (1)
S. regium L.Bolus (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 250–750 m. WC

framesii L.Bolus = **S. tortuosum**

gracile L.Bolus = **S. tortuosum**

joubertii L.Bolus = **S. tortuosum**

namaquense L.Bolus var. *namaquense* = **S. tortuosum**

namaquense L.Bolus var. *subglobosum* L.Bolus = **S. tortuosum**

ovatum L.Bolus = **S. tortuosum**

regium L.Bolus = **S. expansum**

rigidum L.Bolus
S. archeri L.Bolus (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 550–950 m. WC

strictum L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 750–1100 m. WC

subvelutinum L.Bolus forma *luxurians* L.Bolus = **S. varians**

subvelutinum L.Bolus forma *subvelutinum* = **S. varians**

tortuosum (L.) N.E.Br.
Mesembryanthemum aridum Moench, illegitimate name (1)
Mesembryanthemum concavum Haw. (1)
Mesembryanthemum tortuosum L. (1)
Pentacoilanthus tortuosus (L.) Rappa & Camarrone, invalid name (1)
Phyllobolus tortuosus (L.) Bittrich (2)
S. boreale L.Bolus (1)
S. compactum L.Bolus (1)
S. concavum (Haw.) Schwantes (1)
S. framesii L.Bolus (1)
S. gracile L.Bolus (1)
S. joubertii L.Bolus (1)
S. namaquense L.Bolus var. *namaquense* (1)
S. namaquense L.Bolus var. *subglobosum* L.Bolus (1)
S. ovatum L.Bolus (1)
S. tugwelliae L.Bolus (1)
Tetracoilanthus concavus (Haw.) Rappa & Camarrone, invalid name (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 500–950 m. NC, WC, EC

tugwelliae L.Bolus = **S. tortuosum**

varians (Haw.) Gerbaulet
Mesembryanthemum varians Haw. (1)
S. subvelutinum L.Bolus forma *luxurians* L.Bolus (1)
S. subvelutinum L.Bolus forma *subvelutinum* (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–500 m. WC

SCHLECHTERANTHUS Schwantes 2405110

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 290, 291.

hallii L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 350–1200 m. NC

maximiliani Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 350–1000 m. NC

SCHONLANDIA L.Bolus 2405159

lehmannii (Eckl. & Zeyh.) L.Bolus = **Corpuscularia lehmannii**

SCHWANTESIA Dinter 2405111

(1) Zimmerman. 1996. *Cactus and Succulent Journal (US)* 68: 257–266.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 291–294.

acutipetala L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 800–1000 m. N, NC

australis L.Bolus = **S. ruedebuschii**

borcherdsii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 700–950 m. NC

constanceae N.Zimm.
Perennial. Succulent. Ht up to 0.2 m. Alt 800–980 m. N

herrei L.Bolus
S. herrei L.Bolus var. *herrei* forma *major* G.D.Rowley (2)
S. herrei L.Bolus var. *minor* L.Bolus (2)
Perennial. Succulent. Ht up to 0.2 m. Alt 650–980 m. NC

herrei L.Bolus var. *herrei* forma *major* G.D.Rowley = **S. herrei**

herrei L.Bolus var. *minor* L.Bolus = **S. herrei**

loeschiana Tischer
Perennial. Succulent. Ht up to 0.2 m. Alt 10–150 m. N

marlothii L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 450–650 m. NC

pillansii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 700–1050 m. NC

ruedebuschii Dinter
S. australis L.Bolus (2)
Perennial. Succulent. Ht 0.1–0.3 m. Alt 900–1150 m. N, NC

speciosa L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 540–780 m. NC

succumbens (Dinter) Dinter in H.Jacobsen
Perennial. Succulent. Ht up to 0.2 m. Alt 800–1050 m. N

triebneri L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1160 m. NC

SCOPELOGENA L.Bolus 2405112

(1) Klak. 2000. *Bothalia* 30: 35–42.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 294, 295.

bruynsii Klak
Perennial. Shrub. Ht 0.3–0.6 m. Alt 800–2000 m. NC, WC

gracilis L.Bolus = **S. verruculata**

verruculata (L.) L.Bolus
Lampranthus verruculatus (L.) L.Bolus (1)
Mesembryanthemum verruculatum L. (1)
Ruschia scopelogena G.D.Rowley (1)
Ruschia verruculata (L.) G.D.Rowley (1)
S. gracilis L.Bolus (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–1000 m. WC

SEMNANTHE N.E.Br. 2405113

lacera (Haw.) N.E.Br. var. *densipetala* L.Bolus = **Erepsia lacera**

lacera (Haw.) N.E.Br. var. *lacera* = **Erepsia lacera**

SINEOPERCULUM Van Jaarsv. 2405128

rourkei (L.Bolus) Van Jaarsv. = **Dorotheanthus rourkei**

SKIATOPHYTUM L.Bolus 2405114

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 301.

tripolium (L.) L.Bolus
Annual. Succulent. Ht up to 0.25 m. Alt 100–600 m. WC

SMICROSTIGMA N.E.Br. 2405115

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 270.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 302.

viride (Haw.) N.E.Br.
Erepsia viridis L.Bolus (3)
Ruschia integra Schwantes (2)
Perennial. Succulent. Ht up to 0.6 m. Alt 250–1300 m. WC

SPHALMANTHUS N.E.Br. 2405116

abbreviatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus abbreviatus**

acocksii L.Bolus = **Phyllobolus saturatus**

acuminatus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

albertensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**

albicaulis (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

anguineus (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**

arenicolus (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**

auratus (Sond.) L.Bolus, invalid name = **Phyllobolus nitidus**

baylissii L.Bolus = **Phyllobolus saturatus**

bijliae (N.E.Br.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

blandus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

brevisepalus (L.Bolus) L.Bolus var. *brevisepalus*, invalid name = **Phyllobolus spinuliferus**

calycinus L.Bolus = **Phyllobolus canaliculatus**

canaliculatus (Haw.) N.E.Br. = **Phyllobolus canaliculatus**

carneus (Haw.) N.E.Br. = **Phyllobolus spinuliferus**

caudatus (L.Bolus) N.E.Br. = **Phyllobolus caudatus**

celans (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

commutatus (A.Berger) N.E.Br. = **Phyllobolus grossus**

congestus (L.Bolus) L.Bolus, invalid name = **Phyllobolus congestus**

constrictus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

crassus L.Bolus = **Phyllobolus prasinus**

deciduus (L.Bolus) L.Bolus = **Phyllobolus deciduus**

decurvatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus decurvatus**

decussatus (Thunb.) L.Bolus = **Aptenia geniculiflora**

defoliatus (Haw.) L.Bolus = **Aridaria noctiflora** subsp. **defoliata**

delus (L.Bolus) L.Bolus, invalid name = **Phyllobolus delus**

dinteri (L.Bolus) L.Bolus, invalid name = **Phyllobolus melanospermus**

dyeri (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

englishiae (L.Bolus) L.Bolus, invalid name = **Prenia englishiae**

flexuosus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

fourcadei (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

fragilis N.E.Br. = **Phyllobolus oculatus**

framesii (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**

geniculiflorus (L.) L.Bolus = **Aptenia geniculiflora**

glanduliferus (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**

godmaniae (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**

gratiae (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**

grossus (Aiton) N.E.Br. = **Phyllobolus grossus**

gydouwensis L.Bolus = **Phyllobolus grossus**

hallii L.Bolus = **Phyllobolus delus**

herbertii N.E.Br. = **Phyllobolus herbertii**

herrei L.Bolus = **Phyllobolus prasinus**

humilis L.Bolus = **Phyllobolus herbertii**

latipetalus (L.Bolus) L.Bolus, invalid name = **Phyllobolus latipetalus**

laxipetalus (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**

laxus (L.Bolus) N.E.Br. = **Phyllobolus decurvatus**

leipoldtii L.Bolus = **Phyllobolus grossus**

leptopetalus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

lignescens L.Bolus = **Phyllobolus lignescens**

ligneus (L.Bolus) L.Bolus, invalid name = **Phyllobolus melanospermus**

littlewoodii L.Bolus = **Phyllobolus nitidus**

longipapillatus L.Bolus = **Phyllobolus oculatus**

longispinulus (Haw.) N.E.Br. = **Phyllobolus grossus**

longitubus (L.Bolus) L.Bolus, invalid name = **Phyllobolus tenuiflorus**

macrosiphon (L.Bolus) L.Bolus, invalid name = **Phyllobolus tenuiflorus**

melanospermus Dinter & Schwantes = **Phyllobolus melanospermus**

micans L.Bolus = **Phyllobolus resurgens**

nanus L.Bolus = **Phyllobolus tenuiflorus**

nitidus (Haw.) L.Bolus, invalid name = **Phyllobolus nitidus**

nothus (N.E.Br.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

obtusus (L.Bolus) L.Bolus, invalid name = **Phyllobolus decurvatus**

oculatus (N.E.Br.) N.E.Br. = **Phyllobolus oculatus**

olivaceus (Schltr. & A.Berger) L.Bolus = **Phyllobolus tenuiflorus**

oubergensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**

pentagonus (L.Bolus) L.Bolus var. *occidentalis* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**

pentagonus (L.Bolus) L.Bolus var. *pentagonus*, invalid name = **Phyllobolus splendens** subsp. **pentagonus**

platysepalus (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**

plenifolius (N.E.Br.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

pomonae (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**

praecox L.Bolus = **Phyllobolus sinuosus**

prasinus (L.Bolus) L.Bolus, invalid name = **Phyllobolus prasinus**

primulinus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

pumulis (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**

quarternus (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**

quarziticus (L.Bolus) L.Bolus, invalid name = **Phyllobolus quartziticus**

rabiei (L.Bolus) N.E.Br. = **Phyllobolus rabiei**

rabiesbergensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

radicans (L.Bolus) L.Bolus, invalid name = **Prenia radicans**

recurvus (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**

reflexus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

rejuvenalis L.Bolus = **Phyllobolus spinuliferus**

resurgens (Kensit) L.Bolus = **Phyllobolus resurgens**

rhodandrus (L.Bolus) L.Bolus, invalid name = **Phyllobolus nitidus**

roseus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

salmoneus (Haw.) N.E.Br. = **Phyllobolus canaliculatus**

saturatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus saturatus**

scintillans (Dinter) Dinter & Schwantes = **Phyllobolus oculatus**

sinuosus (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**

spinuliferus (Haw.) L.Bolus = **Phyllobolus spinuliferus**

splendens (L.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

stayneri L.Bolus = **Phyllobolus delus**

straminicolor (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**

striatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

strictus (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**

suaveolens (L.Bolus) H.Jacobsen = **Phyllobolus lignescens**

subaequans (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**

subpatens (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**

subpetiolatus (L.Bolus) L.Bolus = **Phyllobolus grossus**

suffusus (L.Bolus) L.Bolus, invalid name = **Prenia tetragona**

sulcatus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

tenuiflorus (Jacq.) N.E.Br. = **Phyllobolus tenuiflorus**

tetragonus (Thunb.) L.Bolus, invalid name = **Prenia tetragona**

tetramerus (L.Bolus) L.Bolus var. *parviflorus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus trichotomus**

tetramerus (L.Bolus) L.Bolus var. *tetramerus*, invalid name = **Phyllobolus trichotomus**

trichotomus (Thunb.) L.Bolus, invalid name = **Phyllobolus trichotomus**

umbelliflorus (Jacq.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

vanheerdei L.Bolus = **Phyllobolus roseus**

varians (L.Bolus) L.Bolus = **Phyllobolus oculatus**

vernalis (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

viridiflorus (Aiton) N.E.Br. = **Phyllobolus viridiflorus**

watermeyeri (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**

willowmorensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**

STAYNERIA L.Bolus 2405117

(1) Hartmann. 1999. *Bradleya* 17: 38–74.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 304.

neilii (L.Bolus) L.Bolus
Ruschia neilii L.Bolus (1)
Perennial. Succulent. Ht up to 1.5 m. Alt 300–700 m. WC

STOEBERIA Dinter & Schwantes 2405118

(1) Van Jaarsveld. 1994. *Aloe* 31: 68–76.
(2) Hartmann. 1996. *Bradleya* 14: 29–56.
(3) Hartmann. 1999. *Bradleya* 17: 38–74.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 305–308.
(5) Chesselet. 2002. *Bothalia* 32: 187–190.

apetala L.Bolus = **S. beetzii**

arborea Van Jaarsv.
S. porphyrea H.E.K.Hartmann (1)
Perennial. Succulent tree. Ht 2–3.5 m. Alt 50–1000 m. N, NC, WC

beetzii (Dinter) Dinter & Schwantes
Mesembryanthemum beetzii Dinter (4)
Ruschia bicolorata L.Bolus (3)
Ruschia translucens L.Bolus (5)
S. apetala L.Bolus (1)
S. beetzii (Dinter) Dinter & Schwantes var. *arborescens* Friedrich (1)
Perennial. Succulent. Ht 0.4–0.6 m. Alt 20–150 m. N, NC

beetzii (Dinter) Dinter & Schwantes var. *arborescens* Friedrich = **S. beetzii**

carpii Friedrich
Jensenobotrya vanheerdei L.Bolus (1)
Perennial. Succulent. Ht up to 1.5 m. Alt 50–850 m. N, NC

frutescens (L.Bolus) Van Jaarsv.
Mesembryanthemum frutescens L.Bolus (1)
Ruschia frutescens (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 2.5 m. Alt 300–1300 m. N, NC, WC

gigas (Dinter) Dinter & Schwantes
Mesembryanthemum gigas Dinter (5)
Ruschianthemum gigas (Dinter) Friedrich (5)
Perennial. Succulent. Ht 0.4–0.6 m. Alt 150–600 m. N, NC

hallii L.Bolus = **Lampranthus amphibolius**

littlewoodii L.Bolus = **Lampranthus mutatus**

porphyrea H.E.K.Hartmann = **S. arborea**

rupis-arcuatae (Dinter) Dinter & Schwantes = **Amphibolia rupis-arcuatae**

utilis (L.Bolus) Van Jaarsv.
Mesembryanthemum utile L.Bolus (1)
Ruschia utilis (L.Bolus) L.Bolus var. *giftbergensis* L.Bolus (4)
Ruschia utilis (L.Bolus) L.Bolus var. *utilis* (1)
Perennial. Succulent. Ht up to 2 m. Alt 50–1000 m. N, NC, WC

STOMATIUM Schwantes 2405119

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 265.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 308–314.

acutifolium L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1000 m. WC

agninum (Haw.) Schwantes
S. agninum (Haw.) Schwantes var. *integrifolium* (Salm-Dyck) Volk (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC

agninum (Haw.) Schwantes var. *integrifolium* (Salm-Dyck) Volk = **S. agninum**

alboroseum L.Bolus
S. niveum L.Bolus (2)
Perennial. Succulent. Ht up to 0.03 m. Alt 200–1150 m. NC, WC

angustifolium L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1300 m. WC, EC

beaufortense L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC

bolusiae Schwantes
Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1500 m. FS, EC

braunsii L.Bolus
Perennial. Succulent. Ht? Alt? WC

bryantii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 980–1300 m. NC

deficiens L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 990–1400 m. EC

difforme L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC

duthiae L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1150–1900 m. EC

ermininum (Haw.) Schwantes

Perennial. Succulent. Ht? Alt? 'CP'

fulleri L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 950–1050 m. NC

geoffreyi L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt ± 2700 m. EC

gerstneri L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1700–2200 m. EC

grandidens L.Bolus
Perennial. Succulent. Ht? Alt? 'CP'

integrum L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1600–1800 m. EC

jamesii L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC

latifolium L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1190–1280 m. NC

lesliei (Schwantes) Volk
Perennial. Succulent. Ht? Alt? 'CP'

leve L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC

loganii L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1100 m. WC

meyeri L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 560–880 m. NC

middelburgense L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1150–1900 m. EC

murinum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.04 m. Alt 1300–1500 m. NC

musculinum Schwantes = **Chasmatophyllum musculinum**

mustelinum (Salm-Dyck) Schwantes
S. pyrodorum (Diels) L.Bolus (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1200 m. NC

niveum L.Bolus = **S. alboroseum**

patulum H.Jacobsen
Perennial. Succulent. Ht? Alt? 'CP'

paucidens L.Bolus
Perennial. Succulent. Ht? Alt? 'CP'

peersii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1500 m. NC

pluridens L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1100 m. NC

pyrodorum (Diels) L.Bolus = **S. mustelinum**

resedolens L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1500–1750 m. NC

ronaldii L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1800 m. EC

rouxii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1250–1750 m. NC

ryderae L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1800 m. EC

suaveolens Schwantes
Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1750 m. NC

suricatinum L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100 m. WC

trifarium L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 1300–1700 m. NC

villetii L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC

viride L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC

SYNAPTOPHYLLUM N.E.Br. 2405120

(1) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 314.

juttae (Dinter & A.Berger) N.E.Br.
Annual. Succulent. Ht up to 0.25 m. Alt 50–500 m. N

sladenianum (L.Bolus) N.E.Br. = **Prenia sladeniana**

TANQUANA H.E.K.Hartmann & Liede 2405160

(1) Hartmann & Liede. 1986. *Botanische Jahrbücher* 106: 433–485.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 315.

archeri (L.Bolus) H.E.K.Hartmann & Liede
Pleiospilos archeri L.Bolus (1)
Pleiospilos clavatus L.Bolus (1)
Pleiospilos loganii L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–600 m. WC

hilmarii (L.Bolus) H.E.K.Hartmann & Liede
Pleiospilos hilmarii L.Bolus (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 300–600 m. WC

prismatica (Schwantes) H.E.K.Hartmann & Liede
Mesembryanthemum prismaticum Marloth ex Schwantes (1)
Mesembryanthemum roodiae N.E.Br. (1)
Pleiospilos prismaticus (Schwantes) Schwantes (1)
Pleiospilos roodiae (N.E.Br.) Schwantes (1)
Punctillaria roodiae N.E.Br. (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m. WC

TETRACOILANTHUS Rappa & Camarrone 2405182

anatomicus (Haw.) Rappa & Camarrone, invalid name = **Sceletium emarcidum**

concavus (Haw.) Rappa & Camarrone, invalid name = **Sceletium tortuosum**

TITANOPSIS Schwantes 2405121

(1) Hammer. 1990. *Aloe* 27: 10–13.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 328–330.

calcarea (Marloth) Schwantes
T. fulleri Tischer (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 850–1600 m. NW, FS, NC

fulleri Tischer = **T. calcarea**

hugo-schlechteri (Tischer) Dinter & Schwantes
T. hugo-schlechteri (Tischer) Dinter & Schwantes var. *alboviridis* Dinter (2)
Perennial. Succulent. Ht up to 0.3 m. Alt 550–1100 m. Distr.?

hugo-schlechteri (Tischer) Dinter & Schwantes var. *alboviridis* Dinter = **T. hugo-schlechteri**

luckhoffii L.Bolus = **Aloinopsis luckhoffii**

luederitzii Tischer = **T. schwantesii**

primosii L.Bolus = **T. schwantesii**

schwantesii (Dinter) Schwantes
T. luederitzii Tischer (2)
T. primosii L.Bolus (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 100–1000 m. N

TRICHOCYCLUS N.E.Br. 2405203

ciliatus N.E.Br. = **Brownanthus ciliatus** subsp. **ciliatus**

pubescens N.E.Br. ex C.A.Maass = **Brownanthus pubescens**

TRICHODIADEMA Schwantes 2405122

(1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1367.
(2) Niesler. 1997. *Bradleya* 15: 13–27.
(3) Niesler. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 338–349.

attonsum (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.1–0.15 m. Alt 300–1200 m. WC

aureum L.Bolus
Perennial. Succulent. Ht 0.12–0.13 m. Alt 890–1400 m. EC

barbatum (L.) Schwantes
T. stellatum (Mill.) Schwantes (2)
T. stelligerum (Haw.) Schwantes (2)
Perennial. Succulent. Ht up to 0.15 m. Alt 250–1500 m. EC

bulbosum (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.2 m. Alt 50–850 m. EC

burgeri L.Bolus
Perennial. Succulent. Ht 0.02–0.06 m. Alt 400–950 m. WC

calvatum L.Bolus
Perennial. Succulent. Ht 0.09–0.13 m. Alt 200–530 m. WC

concinnum L.Bolus
Perennial. Succulent. Ht 0.035–0.13 m. Alt 100–300 m. EC

decorum (N.E.Br.) Stearn ex H.Jacobsen
Perennial. Succulent. Ht ± 0.18 m. Alt 250–816 m. EC

densum (Haw.) Schwantes
Perennial. Succulent. Ht ± 0.15 m. Alt 900–1400 m. EC

echinatum L.Bolus = **Delosperma echinatum**

emarginatum L.Bolus
Perennial. Succulent. Ht ± 0.035 m. Alt? 'CP'

fergusoniae L.Bolus
Perennial. Succulent. Ht ± 0.03 m. Alt 160–300 m. WC

fourcadei L.Bolus
Perennial. Succulent. Ht 0.08–0.11 m. Alt 50–400 m. EC

gracile L.Bolus
T. gracile L.Bolus var. *piliferum* L.Bolus (3)
T. gracile L.Bolus var. *setiferum* L.Bolus (3)
Perennial. Succulent. Ht up to 0.2 m. Alt 150–350 m. WC

gracile L.Bolus var. *piliferum* L.Bolus = **T. gracile**

gracile L.Bolus var. *setiferum* L.Bolus = **T. gracile**

hallii L.Bolus
Perennial. Succulent. Ht up to 0.06 m. Alt 560–1020 m. WC

hirsutum (Haw.) Stearn
Perennial. Succulent. Ht? Alt? 'CP'

imitans L.Bolus
Perennial. Succulent. Ht up to 0.33 m. Alt? 'CP'

inornatum L.Bolus = **Drosanthemum inornatum**

intonsum (Haw.) Schwantes
Perennial. Succulent. Ht 0.05–0.15 m. Alt 20–150 m. EC

introrsum (Haw. ex Hook.f.) Niesler
Perennial. Succulent. Ht up to 0.25 m. Alt 50–170 m. EC

littlewoodii L.Bolus
T. littlewoodii L.Bolus forma *alba* L.Bolus (3)
Perennial. Succulent. Ht 0.19–0.25 m. Alt 890–1050 m. N, NC

littlewoodii L.Bolus forma *alba* L.Bolus = **T. littlewoodii**

marlothii L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 190–380 m. WC

mirabile (N.E.Br.) Schwantes
T. mirabile (N.E.Br.) Schwantes var. *leptum* L.Bolus (3)
Perennial. Succulent. Ht 0.025–0.08 m. Alt 750–1200 m. WC

mirabile (N.E.Br.) Schwantes var. *leptum* L.Bolus = **T. mirabile**

obliquum L.Bolus
Perennial. Succulent. Ht up to 0.11 m. Alt 800–1500 m. WC

occidentale L.Bolus
Perennial. Succulent. Ht up to 0.022 m. Alt 50–365 m. WC

olivaceum L.Bolus
Perennial. Succulent. Ht up to 0.11 m. Alt 100–930 m. EC

orientale L.Bolus
Perennial. Succulent. Ht 0.065–0.1 m. Alt 50–1200 m. EC

peersii L.Bolus
Perennial. Succulent. Ht 0.07–0.09 m. Alt 800–1400 m. EC

pomeridianum L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt up to 1250 m. N, NW, FS, NC, WC, EC

pygmaeum L.Bolus
Perennial. Succulent. Ht 0.01–0.03 m. Alt 20–250 m. WC

rogersiae L.Bolus
Perennial. Succulent. Ht up to 0.11 m. Alt 900–1650 m. EC

rupicola L.Bolus
Perennial. Succulent. Ht up to 0.28 m. Alt 30–500 m. EC

ryderae L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 600–1400 m. EC

setuliferum (N.E.Br.) Schwantes
T. setuliferum (N.E.Br.) Schwantes var. *niveum* L.Bolus (3)
Perennial. Succulent. Ht up to 0.23 m. Alt 150–1100 m. EC

setuliferum (N.E.Br.) Schwantes var. *niveum* L.Bolus = **T. setuliferum**

stayneri L.Bolus
Perennial. Succulent. Ht 0.04–0.06 m. Alt 50–500 m. EC

stellatum (Mill.) Schwantes = **T. barbatum**

stelligerum (Haw.) Schwantes = **T. barbatum**

strumosum (Haw.) L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt? 'CP'

tenue L.Bolus = **Delosperma neethlingiae**

VANHEERDEA L.Bolus ex H.E.K.Hartmann 2405123

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 347, 348.

angusta (L.Bolus) L.Bolus = **V. roodiae**

divergens (L.Bolus) L.Bolus = **V. roodiae**

primosii (L.Bolus) L.Bolus ex H.E.K.Hartmann
Perennial. Succulent. Ht ± 0.03 m. Alt 900–1000 m. NC

roodiae (N.E.Br.) L.Bolus ex H.E.K.Hartmann
V. angusta (L.Bolus) L.Bolus (1)
V. divergens (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.6 m, when in flower. Alt 800–1100 m. NC

VANZIJLIA L.Bolus 2405124

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 262.
(2) Hartmann. 1983. *Botanische Jahrbücher* 103: 499–538.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 348, 349.

angustipetala (L.Bolus) N.E.Br. = **V. annulata**

annulata (A.Berger) L.Bolus
V. angustipetala (L.Bolus) N.E.Br. (2)
Perennial. Succulent. Ht up to 0.4 m. Alt 20–350 m. NC, WC

rostella L.Bolus = **Cephalophyllum rostellum**

VLOKIA S.A.Hammer 2405185

(1) Hammer. 1994. *Cactus and Succulent Journal (US)* 66: 256.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 350.

ater S.A.Hammer
Perennial. Succulent. Ht ± 0.15 m. Alt 1200–1350 m. WC

WOOLEYA L.Bolus 2405125

(1) Bolus. 1960. *Journal of South African Botany* 27: 47–63.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 351.

farinosa (L.Bolus) L.Bolus
Perennial. Succulent. Ht ± 0.7 m. Alt up to 100 m. NC

ZEUKTOPHYLLUM N.E.Br. 2405126

(1) Hartmann. 1998. *Bradleya* 16: 44–91.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 354.

calycinum (L.Bolus) H.E.K.Hartmann
Mesembryanthemum separatum N.E.Br. (1)
Octopoma calycinum (L.Bolus) L.Bolus (1)
Ruschia calycina L.Bolus (1)
Perennial. Succulent. Ht up to 0.09 m. Alt 700–850 m. WC

suppositum (L.Bolus) N.E.Br.
Mesembryanthemum suppositum L.Bolus (1)
Perennial. Succulent. Ht ± 0.2 m. Alt 550–850 m. WC

MOLLUGINACEAE

Compiled by M.C. Makgakga

ADENOGRAMMA Rchb. 2374000

(1) Adamson. 1955. *Journal of South African Botany* 21: 83–90.
(2) Adamson. 1957. *Journal of South African Botany* 23: 13.
(3) Friedrich. 1966. *FSWA* 26: 3.

asparagoides Adamson = **A. teretifolia**

capillaris (Eckl. & Zeyh.) Druce
A. lampocarpa E.Mey. ex Fenzl (1)
Steudelia capillaris Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt up to 549 m. WC

congesta Adamson
Annual. Herb. Ht 0.05–0.2 m. Alt? WC

diffusa Fenzl = **A. lichtensteiniana**

dregeana Gand. = **A. physocalyx**

galioides Fenzl = **A. glomerata**

glomerata (L.f.) Druce
A. galioides Fenzl (3)
Annual. Herb. Ht up to 0.5 m. Alt 15–1350 m. NC, WC

lampocarpa E.Mey. ex Fenzl = **A. capillaris**

lichtensteiniana (Schult.) Druce
A. diffusa Fenzl (1)

Mollugo lichtensteiniana Ser. (1)
Pharnaceum lichtensteinianum Schult. (1)
Steudelia diffusa Eckl. & Zeyh. (1)
Annual. Dwarf shrub. Ht 0.5–1 m. Alt 100–765 m. WC

littoralis Adamson
Annual. Herb. Ht 0.05–0.15 m. Alt ± 915 m. WC

mollugo Rchb.f.
Annual. Herb. Ht 0.05–0.3 m. Alt 90–960 m. WC

physocalyx Fenzl
A. dregeana Gand. (1)
Annual. Herb. Ht 0.05–0.15 m. Alt? WC

rigida (Bartl.) Sond.
Pharnaceum rigidum Bartl. (1)
Psammotropha rigida Fenzl (1)
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt? WC

sylvatica (Eckl. & Zeyh.) Fenzl
Steudelia sylvatica Eckl. & Zeyh. (1)
Steudelia viridis Gand. (1)
Perennial. Herb. Ht 0.1–1 m. Alt 120–1645 m. WC, EC

teretifolia (Thunb.) Adamson
A. asparagoides Adamson (2)
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt ± 670 m. NC

BLEPHAROLEPIS Nees 2375010

eckloniana Nees = **Polpoda capensis**

COELANTHUM E.Mey. ex Fenzl 2391000

(1) Adamson. 1958. *Journal of South African Botany* 24: 48–57.
(2) Friedrich. 1966. *FSWA* 26: 3.

grandiflorum E.Mey. ex Fenzl
Pharnaceum longearistatum Dinter (2)
Annual. Herb. Ht ± 0.1 m. Alt 45–365 m. N, NC, WC

semiquinquefidum (Hook.f.) Druce
Annual. Herb. Ht up to 0.15 m. Alt up to 914 m. WC

verticillatum Adamson
Annual. Herb. Ht ± 0.15 m. Alt ± 40 m. WC

CORBICHONIA Scop. 2393000

(1) Adamson. 1958. *Journal of South African Botany* 24: 67–69.
(2) Jeffrey. 1960. *Kew Bulletin* 14: 35.
(3) Watt & Breyer-Brandwijk. 1962. *Medicinal and poisonous plants of southern and eastern Africa*: 7.
(4) Friedrich. 1966. *FSWA* 26: 4.

decumbens (Forssk.) Exell
Orygia decumbens Forssk. (3)
Annual, occ. perennial. Herb. Ht ± 0.5 m. Alt 60–1465 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

rubriviolacea (Friedrich) Jeffrey
Orygia rubriviolacea Friedrich (4)
Perennial. Herb. Ht 0.02–0.05 m. Alt? N, LIM

GLINUS L. 2388000

(1) Adamson. 1961. *Journal of South African Botany* 27: 125–130.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
(3) Gonçalves. 1978. *FZ* 4,4: 537–541.

bainesii (Oliv.) Pax
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 450–896 m. B, LIM

***lotoides** L. var. **lotoides**
Perennial. Herb. Ht 0.1–0.3 m. Alt 30–1250 m. N, B, LIM, NW, FS, KZN, NC, WC

lotoides L. var. **virens** Fenzl
Perennial. Herb. Ht 0.1–0.3 m. Alt ± 135 m. N, B, LIM, KZN

oppositifolius (L.) DC. var. **oppositifolius**
Mollugo serrulata Sond. (2)
Perennial. Herb. Ht up to 0.5 m. Alt 3–1435 m. N, B, LIM, M, S, FS, KZN, EC

HYPERTELIS E.Mey. ex Fenzl 2390000

(1) Adamson. 1958. *Journal of South African Botany* 24: 51–65.
(2) Friedrich. 1966. *FSWA* 26: 7–9.
(3) Gonçalves. 1978. *FZ* 4,1: 546–548.

angrae-pequenae Friedrich
Perennial. Herb. Ht 0.1–0.2 m. Alt? N, NC, WC

arenicola Sond.
Annual. Herb. Ht 0.02–0.12 m. Alt up to 640 m. NW, WC, EC

bowkeriana Sond.
Mollugo suffruticosa Peter (2)
Perennial. Herb. Ht 0.01–0.05 m. Alt 30–1340 m. N, B, LIM, NW, FS, NC, EC

caespitosa Friedrich
Perennial. Herb. Ht 0.02–0.06 m. Alt ± 1370 m. N, FS

salsoloides (Burch.) Adamson var. **salsoloides**
Pharnaceum salsoloides Burch. (2)
Pharnaceum verrucosum Eckl. & Zeyh. (2)
Perennial. Dwarf shrub. Ht 0.05–0.45 m. Alt 5–1675 m. N, LIM, NW, G, S, FS, KZN, NC, WC, EC

spergulacea E.Mey. ex Fenzl
Mollugo linearis of author, not of Ser. emended DC., concept invalid (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 100–600 m. N, NC

trachysperma Adamson
Annual. Herb. Ht ± 0.02 m. Alt? NC, WC

LIMEUM L. 2376000

(1) Friedrich. 1956. *Mitteilungen der Botanischen Staatssammlung München* 2: 134–166.
(2) Watt & Breyer-Brandwijk. 1962. *Medicinal and poisonous plants of southern and eastern Africa*: 834.
(3) Friedrich. 1966. *FSWA* 26: 9–15.
(4) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 557, 620.
(5) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
(6) Goncalves. 1978. *FZ* 4,1: 525–533.
(7) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 87, 88.

aethiopicum Burm. subsp. **aethiopicum** var. **aethiopicum**
L. capense Thunb. (3)
Perennial. Dwarf shrub, herb. Ht 0.1–0.45 m. Alt 365–1980 m. B, NW, G, FS, NC, WC, EC

aethiopicum Burm. subsp. **aethiopicum** var. **fluviale** (Eckl. & Zeyh.) Friedrich
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 5–1175 m. L, WC, EC

aethiopicum Burm. subsp. **aethiopicum** var. **intermedium** Friedrich
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 365–1220 m. FS, NC, WC, EC

aethiopicum Burm. subsp. **namaense** Friedrich var. **lanceolatum** Friedrich
Perennial. Dwarf shrub, herb. Ht 0.08–0.4 m. Alt 165–1090 m. N, NC, WC

aethiopicum Burm. subsp. **namaense** Friedrich var. **namaense**
L. aethiopicum Burm. var. *glabrum* Moq. (3)
L. capense of author, not of Thunb., concept invalid (3)
L. suffruticosum G.Schellenb. (4)
Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt 915–2000 m. N, B, NC

aethiopicum Burm. var. *glabrum* Moq. = **L. aethiopicum** subsp. **namaense** var. **namaense**

aethiopicum Burtt Davy = **L. argute-carinatum** var. **argute-carinatum**

africanum L. subsp. **africanum**
Perennial. Dwarf shrub, herb. Ht 0.13–0.16 m. Alt 5–1350 m. B, M, NC, WC

africanum L. subsp. **canescens** (E.Mey. ex Fenzl) Friedrich
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 550–1370 m. NC, WC

arenicolum G.Schellenb.
Annual. Herb. Ht ± 0.3 m. Alt 855–1220 m. N, B, NW, G, FS, NC

argute-carinatum Wawra ex Wawra & Peyr. var. **argute-carinatum**
L. aethiopicum Burtt Davy (4)
L. viscosum Burtt Davy (4)
Annual. Herb. Ht ± 0.3 m. Alt 500–1405 m. N, B, NW, FS, KZN, NC, WC

capense of author, not of Thunb., concept invalid = **L. aethiopicum** subsp. **namaense** var. **namaense**

capense Thunb. = **L. aethiopicum** subsp. **aethiopicum** var. **aethiopicum**

deserticolum Dinter & G.Schellenb.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 610 m. N, NC

dinteri G.Schellenb.
Perennial. Herb. Ht 0.3–0.5 m. Alt 610–2000 m. N, LIM, FS, NC, WC

fenestratum (Fenzl) Heimerl var. **fenestratum**
Semonvillea fenestrata Fenzl (5)
Annual. Herb. Ht 0.3–0.9 m. Alt 90–1740 m. N, B, LIM, NW, G, M, FS, KZN, NC

fenestratum (Fenzl) Heimerl var. **frutescens** (Dinter) Friedrich
Annual. Herb. Ht up to 0.9 m. Alt? N

glomeratum Eckl. & Zeyh. = **L. viscosum** subsp. **viscosum** var. **glomeratum**

humifusum Friedrich
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt up to 2440 m. B, L, NC

myosotis H.Walter var. **confusum** Friedrich
L. pseudomyosotis G.Schellenb. (4)
Annual. Herb. Ht 0.05–0.15 m. Alt 640–1275 m. N, B, NC

myosotis H.Walter var. **myosotis**
Annual. Herb. Ht ± 0.3 m. Alt 700–1350 m. N, B, NC

myosotis H.Walter var. **rotundifolia** Friedrich
Annual. Herb. Ht? Alt? N

natalense G.Schellenb. = **L. viscosum** subsp. **viscosum** var. **kraussii**

neglectum Dinter = **L. pterocarpum** var. **pterocarpum**

pauciflorum Moq.
Perennial. Herb. Ht 0.1–0.2 m. Alt ± 1800 m. LIM, NW, G, M, FS

pseudomyosotis G.Schellenb. = **L. myosotis** var. **confusum**

pterocarpum (J.Gay) Heimerl var. **apterum** Friedrich
Annual. Herb. Ht 0.3–0.4 m. Alt? N

pterocarpum (J.Gay) Heimerl var. **pterocarpum**
L. neglectum Dinter (4)
Annual. Herb. Ht 0.07–0.6 m. Alt 441–1340 m. N, B, LIM, FS, NC

rhombifolium G.Schellenb.
Annual. Herb. Ht ± 0.3 m. Alt ± 915 m. N, NC

subnudum Friedrich
Perennial. Herb. Ht? Alt? NC

suffruticosum G.Schellenb. = **L. aethiopicum** subsp. **namaense** var. **namaense**

sulcatum (Klotzsch) Hutch. var. **gracile** Friedrich
Annual, occ. perennial. Herb. Ht 0.15–0.21 m. Alt 440–1370 m. N, B, LIM, FS, NC

sulcatum (Klotzsch) Hutch. var. **robustum** Friedrich
Annual. Herb. Ht 0.1–0.6 m. Alt? N, B, LIM, FS, KZN, NC

sulcatum (Klotzsch) Hutch. var. **scabridum** (Klotzsch) Friedrich
Perennial. Herb. Ht 0.1–0.7 m. Alt ± 915 m. N, LIM, NW, G, M, FS, NC

sulcatum (Klotzsch) Hutch. var. **sulcatum**
Annual. Herb. Ht 0.03–0.6 m. Alt 60–2105 m. N, B, LIM, NW, G, M, FS, NC

telephioides E.Mey. ex Fenzl var. **schlechteri** (G.Schellenb.) Friedrich
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC

telephioides E.Mey. ex Fenzl var. **telephioides**
Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 18–610 m. NC, WC, EC

viscosum Burtt Davy = **L. argute-carinatum** var. **argute-carinatum**

viscosum (J.Gay) Fenzl subsp. **nummulifolium** (H.Walter) Friedrich
Annual. Herb. Ht 0.08–0.3 m. Alt ± 1360 m. N, NW, NC

viscosum (J.Gay) Fenzl subsp. **transvaalense** Friedrich
Annual. Herb. Ht up to 0.6 m. Alt ± 1620 m. LIM, NW, G, M, NC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **dubium** Friedrich
Annual. Herb. Ht 0.1–0.22 m. Alt ± 950 m. B, LIM, M

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **glomeratum** (Eckl. & Zeyh.) Friedrich
L. glomeratum Eckl. & Zeyh. (4)
L. viscosum Sond. (5)
L. viscosum Sond. var. *kotschyi* Burtt Davy (4)
Annual. Herb. Ht 0.05–0.3 m. Alt 55–2400 m. LIM, NW, G, M, S, FS, KZN, NC, EC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **kraussii** Friedrich
L. natalense G.Schellenb. (6)
Annual. Herb. Ht 0.25–0.3 m. Alt 5–305 m. B, LIM, NW, G, M, S, KZN, NC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **macrocarpum** Friedrich
Annual. Herb. Ht 0.1–0.3 m. Alt ± 1220 m. N, B, NW, FS, NC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **viscosum**
Annual. Herb. Ht 0.08–0.8 m. Alt 200–1675 m. N, LIM, NW, G, M, S, KZN, L

viscosum Sond. = **L. viscosum** subsp. **viscosum** var. **glomeratum**

viscosum Sond. var. *kotschyi* Burtt Davy = **L. viscosum** subsp. **viscosum** var. **glomeratum**

MOLLUGO L. 2387000

(1) Candolle. 1824. *Prodromus* 1: 391–393.
(2) Fenzl. 1836. *Annalen des Naturhistorischen Museum*, Wien 1: 379.
(3) Adamson. 1958. *Journal of South African Botany* 24: 13–18.
(4) Friedrich. 1966. *FSWA* 26: 15–17.
(5) Gonçalves. 1978. *FZ* 4,1: 541–544.

cerviana (L.) Ser. ex DC. var. **cerviana**
Annual. Herb. Ht 0.05–0.2 m. Alt 400–2400 m. N, B, LIM, NW, G, FS, L, NC, WC

cerviana (L.) Ser. ex DC. var. **spathulifolia** Fenzl
Annual. Herb. Ht 0.05–0.2 m. Alt? LIM

cerviana (L.) Ser. ex DC. var. *walteri* (Friedrich) Adamson = **M. walteri**

lichtensteiniana Ser. = **Adenogramma lichtensteiniana**

linearis of author, not of Ser. emended DC., concept invalid = **Hypertelis spergulacea**

namaquensis Bolus
Annual. Herb. Ht 0.02–0.04 m. Alt ± 915 m. WC

***nudicaulis** Lam.
Annual. Herb. Ht 0.05–0.3 m. Alt 185–1350 m. N, B, LIM, NW, S, KZN

pusilla (Schltr.) Adamson
Annual. Herb. Ht 0.04–0.1 m. Alt? N, NC

serrulata Sond. = **Glinus oppositifolius** var. **oppositifolius**

suffruticosa Peter = **Hypertelis bowkeriana**

tenella Bolus
Annual. Herb. Ht 0.02–0.4 m. Alt 130–945 m. NC

walteri Friedrich
M. cerviana (L.) Ser. ex DC. var. *walteri* (Friedrich) Adamson (4)
Annual. Herb. Ht 0.05–0.1 m. Alt 30–915 m. N

ORYGIA Forssk. 2393010

decumbens Forssk. = **Corbichonia decumbens**

rubriviolacea Friedrich = **Corbichonia rubriviolacea**

PHARNACEUM L. 2389000

(1) Ecklon & Zeyher. 1836. *Enumeratio plantarum*: 285, 286.
(2) Harvey & Sonder. 1860. *FC* 1: 138–144.
(3) Oliver. 1871. *FTA* 2: 592.
(4) Adamson. 1955. *Journal of South African Botany* 21: 83.
(5) Friedrich. 1966. *FSWA* 26: 17–20.
(6) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.
(7) Gonçalves. 1978. *FZ* 4,1: 544–546.

albens L.f.
P. lanatum of author, not of Bartl.; Dinter, concept invalid (5)
Perennial. Herb. Ht 0.2–0.5 m. Alt 425–1124 m. N, NC, WC

alpinum Adamson
Perennial. Herb. Ht ± 0.3 m. Alt ± 2955 m. EC

aurantium (DC.) Druce
Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 60–1525 m. NC, WC

brevicaule (DC.) Bartl.
P. merxmuelleri Friedrich (5)
Perennial. Herb. Ht 0.01–0.05 m. Alt 61–2337 m. N, B, NW, FS, L, NC, WC

ciliare Adamson
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 1370 m. WC, EC

confertum (DC.) Eckl. & Zeyh. var. **brachyphyllum** Adamson
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC, WC

confertum (DC.) Eckl. & Zeyh. var. **confertum**
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 10–840 m. N, NC, WC

cordifolium L.
Perennial. Herb. Ht up to 0.5 m. Alt 2–30 m. WC

croceum E.Mey. ex Fenzl
Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 130–1220 m. N, NW, NC

detonsum Fenzl
Perennial. Herb. Ht 0.01–0.02 m. Alt ± 1920 m. FS, L, NC, WC, EC

dichotomum L.f.
Perennial. Dwarf shrub, herb. Ht 0.1–0.35 m. Alt 5–2815 m. N, NW, G, FS, L, NC, WC, EC

distichum in sense of Thunb., not of L. = **P. thunbergii**

elongatum (DC.) Adamson
Perennial. Dwarf shrub. Ht 0.03–0.25 m. Alt 10–820 m. NC, WC, EC

exiguum Adamson
Annual. Herb. Ht 0.03–0.3 m. Alt 40–460 m. NC, WC, EC

fluviale Eckl. & Zeyh.
Perennial. Herb. Ht 0.05–0.2 m. Alt 70–789 m. NC, WC, EC

gracile Fenzl
Annual. Herb. Ht 0.01–0.15 m. Alt? N

incanum L.
Perennial. Dwarf shrub. Ht 0.02–0.2 m. Alt 4–1066 m. NC, WC

lanatum Bartl.
Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 15–1060 m. NC, WC

lanatum of author, not of Bartl.; Dinter, concept invalid = **P. albens**

lichtensteinianum Schult. = **Adenogramma lichtensteiniana**

lineare L.f.
Perennial. Herb. Ht up to 1 m. Alt 30–915 m. WC

longearistatum Dinter = **Coelanthum grandiflorum**

merxmuelleri Friedrich = **P. brevicaule**

microphyllum L.f. var. **albens** Adamson
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? WC

microphyllum L.f. var. **microphyllum**
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 760 m. NC, WC

mucronatum Thunb. = **Psammotropha mucronata** var. **mucronata**

rigidum Bartl. = **Adenogramma rigida**

rubens Adamson
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt? WC

salsoloides Burch. = **Hypertelis salsoloides** var. **salsoloides**

scleranthoides Sond. = **Suessenguthiella scleranthoides**

serpyllifolium L.f.
Perennial. Herb. Ht 0.03–0.05 m. Alt ± 1770 m. WC

subtile E.Mey.
Annual. Herb. Ht 0.03–0.08 m. Alt? NC

thunbergii Adamson
P. distichum in sense of Thunb., not of L. (6)
Perennial. Herb. Ht up to 0.6 m. Alt 5–45 m. KZN, NC, WC, EC

trigonum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 155–1980 m. FS, L, WC, EC

verrucosum Eckl. & Zeyh. = **Hypertelis salsoloides** var. **salsoloides**

viride Adamson
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? NC

POLPODA C.Presl 2375000

(1) Adamson. 1955. *Journal of South African Botany* 21: 93–95.

capensis C.Presl
Blepharolepis eckloniana Nees (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 30–700 m. WC

stipulacea (F.M.Leight.) Adamson
Psammotropha stipulacea F.M.Leight. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? WC

PSAMMOTROPHA Eckl. & Zeyh. 2379000

(1) Adamson. 1959. *Journal of South African Botany* 25: 51–68.
(2) Jacot Guillarmod. 1971. *Flora of Lesotho*: 168, 169.
(3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39 : 161.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 135.

alternifolia Killick
Perennial. Herb. Ht 0.02–0.07 m. Alt ± 3355 m. KZN, L

androsacea Fenzl = **P. mucronata** var. **mucronata**

androsacea Fenzl var. *enervis* Fenzl = **P. mucronata** var. **mucronata**

anguina Compton
Perennial. Dwarf shrub. Ht 0.08–0.15 m. Alt 457–1615 m. NC, WC

breviscapa Burtt Davy = **P. myriantha**

diffusa Adamson
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC

frigida Schltr.
Perennial. Herb. Ht 0.03–0.1 m. Alt ± 2100 m. WC, EC

marginata (Thunb.) Druce
Perennial. Herb. Ht 0.1–0.15 m. Alt ± 85 m. NC

mucronata (Thunb.) Fenzl var. **foliosa** Adamson
Perennial. Herb. Ht 0.04–0.25 m. Alt 155–3000 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

mucronata (Thunb.) Fenzl var. **marginata** Adamson
Perennial. Herb. Ht 0.04–0.06 m. Alt 92–2875 m. FS, L, EC

mucronata (Thunb.) Fenzl var. **mucronata**
Pharnaceum mucronatum Thunb. (2)
P. androsacea Fenzl (2)
P. androsacea Fenzl var. *enervis* Fenzl (2)
Perennial. Herb. Ht 0.05–0.5 m. Alt 30–2940 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

myriantha Sond.
P. breviscapa Burtt Davy (1)
Perennial. Herb. Ht 0.01–0.08 m. Alt 30–2416 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

obovata Adamson
Perennial. Herb. Ht 0.1–0.2 m. Alt? KZN

obtusa Adamson
Perennial. Herb. Ht 0.03–0.05 m. Alt 2897–3485 m. KZN, L, NC

quadrangularis (L.f.) Fenzl
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 105–2200 m. NC, WC

rigida Fenzl = **Adenogramma rigida**

spicata Adamson
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt ± 670 m. NC, WC

stipulacea F.M.Leight. = **Polpoda stipulacea**

SEMONVILLEA Heimerl 2376010

fenestrata Fenzl = **Limeum fenestratum** var. **fenestratum**

STEUDELIA C.Presl 2374010

capillaris Eckl. & Zeyh. = **Adenogramma capillaris**

diffusa Eckl. & Zeyh. = **Adenogramma lichtensteiniana**

sylvatica Eckl. & Zeyh. = **Adenogramma sylvatica**

viridis Gand. = **Adenogramma sylvatica**

SUESSENGUTHIELLA Friedr. 2389010

(1) Friedrich. 1955. *Mitteilungen der Botanischen Staatssammlung München* 2: 60–62.
(2) Friedrich. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 616, 617.
(3) Friedrich. 1966. *FSWA* 26: 20, 21.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 136.

caespitosa Friedrich
Annual. Herb. Ht 0.01–0.04 m. Alt? N

scleranthoides (Sond.) Friedrich
Pharnaceum scleranthoides Sond. (4)
Annual. Herb. Ht up to 2.5 m. Alt 280–885 m. N, NC, WC

MONIMIACEAE

Compiled by M. Jordaan

XYMALOS Baill. 2759010

(1) Verdcourt. 1968. *FTEA* Monimiaceae: 1–3.

monospora (Harv.) Baill.
Perennial. Tree or shrub. Ht 3–25 m. Alt 90–2075 m. LIM, M, S, KZN, EC

MONTINIACEAE

Compiled by E. Retief

MONTINIA Thunb. 3238000

(1) Harvey. 1862. *FC* 2: 307, 308.
(2) Milne-Redhead. 1956. *Hooker's Icones Plantarum* 36: tt. 3541a, 3542.
(3) Friedrich-Holzhammer. 1968. *FSWA* 54: 1.
(4) Jordaan. 2000. In Leistner, *Strelitzia* 10: 414, 415.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 546.

acris L.f. = **M. caryophyllacea**

caryophyllacea Thunb.
M. acris L.f. (2)
M. frutescens Gaertn. (1, 3)
Perennial. Shrub. Ht up to 1.5 m. Alt 50–2000 m. N, B, NC, WC, EC

frutescens Gaertn. = **M. caryophyllacea**

MORACEAE

Compiled by M. Jordaan

BOSQUIEA Thouars ex Baill. 1960000

phoberos Baill. = **Trilepisium madagascariense**

FICUS L. 1961000

(1) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1215.
(2) Dyer. 1959. *The Flowering Plants of Africa* 33: t. 1319.
(3) Friedrich-Holzhammer. 1967. *FSWA* 16: 1–5.
(4) Von Breitenbach. 1974. *Trees in South Africa* 26,3: 58–80.
(5) Aweke. 1979. *Mededelingen van de Landbouwhogeschool Wageningen* 79-3: 1–96.
(6) Berg *et al.* 1984. *Flore du Gabon* 26: 123–249.
(7) Barker. 1987. *The Flowering Plants of Africa* 49: t. 1957.
(8) Berg. 1989. *FTEA* Moraceae: 43–86.
(9) Van Greuning. 1990. *South African Journal of Botany* 56: 599–630.
(10) Berg. 1991. *FZ* 9,6: 39–76.
(11) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 134–141.
(12) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 132–153.

abutilifolia (Miq.) Miq.
F. soldanella Warb. (8)
Perennial. Tree or shrub. Ht 1–15 m. Alt 152–1600 m. B, LIM, NW, G, M, S, KZN

antithetophylla Steud. = **F. capreifolia**

bizanae Hutch. & Burtt Davy
Perennial. Tree. Ht 9–18 m. Alt 0–90 m. KZN, EC

bubu Warb.
Perennial. Tree. Ht 4–20 m. Alt 0–300 m. S, KZN

burkei (Miq.) Miq.
F. erici-rosenii R.E.Fr. (12)
F. thonningii Blume in part (12)
Perennial. Tree. Ht 1–15 m. Alt 900–1800 m. N, B, LIM, NW, G, M, S, KZN, EC

burtt-davyi Hutch.
Perennial. Shrub or climber. Ht 0.5–5 m. Alt 5–1525 m. KZN, WC, EC

capensis Thunb. = **F. sur**

capreifolia Delile
F. antithetophylla Steud. (5)
F. capreifolia Delile var. *ovalifolia* Hutch. (11)
Perennial. Shrub. Ht 1–6 m. Alt 45–1600 m. N, B, LIM, M, S, KZN

capreifolia Delile var. *ovalifolia* Hutch. = **F. capreifolia**

chrysocerasus Welw. ex Warb. = **F. natalensis** subsp. **natalensis**

cordata Thunb.
F. rupium Dinter (9)
F. welwitschii Warb. (9)
Perennial. Tree. Ht 1–7 m. Alt 105–1850 m. N, B, NC, WC

cordata Thunb. subsp. *salicifolia* (Vahl) C.C.Berg = **F. salicifolia**

craterostoma Warb. ex Mildbr. & Burret
Perennial. Tree or shrub. Ht 1–15 m. Alt 200–2135 m. LIM, M, S, KZN, EC

erici-rosenii R.E.Fr. = **F. burkei**

fischeri Warb. ex Mildbr. & Burret
F. kiloneura Hornby (8)
Perennial. Tree. Ht 12–20 m. Alt 900–1500 m. N, B

gnaphalocarpa (Miq.) A.Rich. = **F. sycomorus** subsp. **gnaphalocarpa**

glumosa Delile
F. glumosa Delile var. *glaberrima* Mart. (5)
F. glumosa Delile var. *intermedia* Mart. (5)
F. glumosa Delile var. *lanuginosa* Mart. (5)
F. glumosoides Hutch. (10)
F. rehmanii Warb. var. *villosa* Warb. (10)

F. sonderi Miq. (8)
Perennial. Tree. Ht 1–10 m. Alt 245–1850 m. N, LIM, M, S, KZN, EC

glumosa Delile var. *glaberrima* Mart. = **F. glumosa**

glumosa Delile var. *intermedia* Mart. = **F. glumosa**

glumosa Delile var. *lanuginosa* Mart. = **F. glumosa**

glumosoides Hutch. = **F. glumosa**

ilicina (Sond.) Miq.
Perennial. Tree or shrub. Ht 1–5 m. Alt 133–1450 m. N, NC

ingens (Miq.) Miq. var. **ingens**
F. ingens Miq. var. *tomentosa* Hutch. (6)
F. ingens Miq. var. *tristis* Warb. (9)
Perennial. Tree. Ht 1–18 m. Alt 70–1700 m. B, LIM, NW, G, M, S, KZN, EC

ingens Miq. var. *tomentosa* Hutch. = **F. ingens** var. **ingens**

ingens Miq. var. *tristis* Warb. = **F. ingens** var. **ingens**

kiloneura Hornby = **F. fischeri**

lingua De Wild. & T.Durand subsp. **depauperata** (Sim) C.C.Berg
Perennial. Tree. Ht up to 30 m. Alt 0–50 m. KZN

lutea Vahl
F. nekbudu Warb. (6)
F. quebeba Welw. ex Ficalho (6)
F. vogelii (Miq.) Miq. (6)
Perennial. Tree. Ht 3–20 m. Alt 15–915 m. S, KZN

mallotocarpa Warb. = **F. sur**

natalensis Hochst. subsp. **natalensis**
F. chrysocerasus Welw. ex Warb. (6)
F. natalensis Hochst. var. *latifolia* Warb. (6)
F. natalensis Hochst. var. *pedunculata* Sim (6)
Perennial. Tree. Ht 2–30 m. Alt 15–1250 m. LIM, S, KZN

natalensis Hochst. var. *latifolia* Warb. = **F. natalensis** subsp. **natalensis**

natalensis Hochst. var. *pedunculata* Sim = **F. natalensis** subsp. **natalensis**

nekbudu Warb. = **F. lutea**

nigropunctata Mildbr. & Burret
Perennial. Tree or shrub. Ht 1–7 m. Alt 0–1300 m. B

petersii Warb.
F. thonningii Blume in part (12)
Perennial. Tree. Ht 4–15 m. Alt 10–1350 m. LIM, M, S

polita Vahl subsp. **polita**
Perennial. Tree. Ht 4–15 m. Alt 15–300 m. S, KZN

pretoriae Burtt Davy = **F. salicifolia**

pygmaea Welw. ex Hiern
Perennial. Shrub. Ht 0.6–1.5 m. Alt 940–1200 m. N, B

quebeba Welw. ex Ficalho = **F. lutea**

rehmanii Warb. var. *villosa* Warb. = **F. glumosa**

rupium Dinter = **F. cordata**

salicifolia Vahl
F. cordata Thunb. subsp. *salicifolia* (Vahl) C.C.Berg (12)
F. pretoriae Burtt Davy (5)
Perennial. Tree. Ht 1–20 m. Alt 100–2000 m. B, LIM, NW, G, M, S, KZN

sansibarica Warb. subsp. **sansibarica**
Perennial. Tree. Ht 4–20 m. Alt 30–900 m. LIM, M

smutsii I.Verd. = **F. tettensis**

soldanella Warb. = **F. abutilifolia**

sonderi Miq. = **F. glumosa**

stuhlmannii Warb.
Perennial. Tree. Ht 1.5–10 m. Alt 60–1260 m. LIM, M, S, KZN

sur Forssk.
F. capensis Thunb. (5)
F. mallotocarpa Warb. (6)
Perennial. Tree. Ht 1–25 m. Alt 15–2300 m. B, LIM, M, S, KZN, WC, EC

sycomorus L. subsp. **gnaphalocarpa** (Miq.) C.C.Berg
F. gnaphalocarpa (Miq.) A.Rich. (11)
Perennial. Tree. Ht 4–20 m. Alt 6–1200 m. N, B

sycomorus L. subsp. **sycomorus**
Perennial. Tree. Ht 2–20 m. Alt 6–1500 m. B, LIM, M, S, KZN

tettensis Hutch.
F. smutsii I.Verd. (9)
Perennial. Tree. Ht 2–7 m. Alt 275–1600 m. B, LIM

thonningii Blume in part = **F. burkei**

thonningii Blume in part = **F. petersii**

tremula Warb. subsp. **tremula**
Perennial. Tree. Ht 4–10 m. Alt 45–60 m. S, KZN

trichopoda Baker
Perennial. Tree or shrub. Ht 1.5–10 m. Alt 30–300 m. S, KZN

verruculosa Warb.
Perennial. Shrub. Ht 1–7 m. Alt 5–1850 m. N, B, KZN

vogelii (Miq.) Miq. = **F. lutea**

welwitschii Warb. = **F. cordata**

MACLURA Nutt. 1918000

(1) Corner. 1962. *Gardens' Bulletin Singapore* 19: 235–240.
(2) Berg. 1989. *FTEA* Moraceae: 6–8.
(3) Berg. 1991. *FZ* 9,6: 18–21.

africana (Bureau) Corner
Perennial. Tree, shrub or climber. Ht 2–12 m. Alt 275–790 m. LIM, M

MORUS L. 1913000

(1) Nelson. 1989. *European garden flora* 3: 86, 87.
(2) Berg. 1989. *FTEA* Moraceae: 2–4.
(3) Berg. 1991. *FZ* 9,6: 14–16.

***alba** L. var. **alba**
M. bombycis Koidz. (1)
Perennial. Tree. Ht 1–10 m. Alt? LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

bombycis Koidz. = **M. alba** var. **alba**

***japonica** Audib.
Perennial. Tree. Ht 3–6 m. Alt? M

lactea (Sim) Mildbr. = **M. mesozygia**

mesozygia Stapf ex A.Chev.
M. lactea (Sim) Mildbr. (2)
Perennial. Tree. Ht 5–35 m. Alt 30–90 m. KZN

TRILEPISIUM Thouars 1960020

(1) Berg *et al.* 1984. *Flore du Gabon* 26: 104–108.
(2) Berg. 1989. *FTEA* Moraceae: 17–20.
(3) Berg 1991. *FZ* 9,6: 28–30.

madagascariense DC.
Bosquiea phoberos Baill. (1)
Perennial. Tree. Ht 2–25 m. Alt 730–1450 m. LIM

MORINGACEAE

Compiled by M. Jordaan

MORINGA Adans. 3128000

(1) Friedrich-Holzhammer. 1966. *FSWA* 50: 1.
(2) Leistner. 1970. *FSA* 13: 184–186.
(3) Verdcourt. 1985. *Kew Bulletin* 40: 1–23.
(4) Knees. 1995. *European garden flora* 4: 165.

oleifera in sense of Exell & Mendonça, misapplied name = **M. ovalifolia**

ovalifolia Dinter & A.Berger
M. oleifera in sense of Exell & Mendonça, misapplied name (2)
M. ovalifoliolata Dinter & A.Berger, superfluous name (2)
Perennial. Tree or shrub, succulent. Ht 2–7 m. Alt 176–1600 m. N

ovalifoliolata Dinter & A.Berger, superfluous name = **M. ovalifolia**

*MYOPORACEAE

Compiled by W.G. Welman

*MYOPORUM G.Forst. 8112000

(1) Richardson. 2000. *European garden flora* 6: 413.

acuminatum R.Br. = **M. tenuifolium**

tenuifolium G.Forst.
M. acuminatum R.Br. (1)
Perennial. Tree, shrub. Ht 1.5–6 m. Alt 5–100 m. N, WC, EC

SPIELMANNIA Medik. 8114000

africana (L.) Willd. = **Oftia africana**
decurrens Moench, illegitimate name = **Oftia africana**
desertorum Eckl. & Zeyh. ex Schauer, invalid name = **Oftia revoluta**
jasminum Medik. = **Oftia africana**
revoluta E.Mey. = **Oftia revoluta**

MYRICACEAE

Compiled by H.F. Glen

MORELLA Lour. 1874010

(1) Killick. 1969. *Bothalia* 10: 5–17.
(2) Killick *et al.* 1998. *Kew Bulletin* 53: 993–995.

brevifolia (E.Mey. ex C.DC.) Killick
Myrica brevifolia E.Mey. ex C.DC. (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 200–2150 m. KZN, EC

cordifolia (L.) Killick
Myrica cordifolia L. (2)
Myrica cordifolia L. var. *microphylla* A.Chev. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 0–250 m. WC, EC

diversifolia (Adamson) Killick
Myrica diversifolia Adamson (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 0–750 m. WC, EC

humilis (Cham. & Schltdl.) Killick
Myrica burmannii E.Mey. ex C.DC. (2)
Myrica dregeana A.Chev. (2)
Myrica glabrissima A.Chev. (2)
Myrica humilis Cham. & Schltdl. (2)
Myrica myrtifolia A.Chev. (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 0–1450 m. WC, EC

integra (A.Chev.) Killick
Myrica conifera Burm.f. var. *integra* A.Chev. (2)
Myrica integra (A.Chev.) Killick (2)
Myrica linearis in sense of A.Chev.; Hutch., misapplied name (2)
Perennial. Tree, shrub. Ht 2–3 m. Alt 100–1250 m. WC

kraussiana (Buchinger ex Meisn.) Killick
Myrica humilis in sense of C.DC.; Hutch.; Salter, not of Cham. & Schltdl., misapplied name (2)
Myrica kraussiana Buchinger ex Meisn. (2)
Perennial. Shrub. Ht 0.2–0.6 m. Alt 100–1550 m. WC, EC

microbracteata (Weim.) Verdc. & Polhill
Myrica microbracteata Weim. (2)
Perennial. Shrub. Ht 0.6–2 m. Alt 1150–1900 m. M, KZN

pilulifera (Rendle) Killick
Myrica pilulifera Rendle (2)
Myrica pilulifera Rendle var. *puberula* Rendle (2)
Perennial. Tree, shrub. Ht 3–30 m. Alt 350–2000 m. LIM, NW, M, S, KZN, EC

quercifolia (L.) Killick
Myrica incisa A.Chev. (2)
Myrica quercifolia L. (2)
Myrica zeyheri C.DC. (2)
Perennial. Shrub. Ht 0.1–0.6 m. Alt 0–1450 m. NW, NC, WC, EC

serrata (Lam.) Killick
Myrica conifera in sense of Hutch.; Adamson, not of Burm.f., misapplied name (2)
Myrica mossii Burtt Davy (2)
Myrica serrata Lam. (2)
Perennial. Tree, shrub. Ht 1–6 m. Alt 0–2150 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

MYRICA L. 1874000

brevifolia E.Mey. ex C.DC. = **Morella brevifolia**

burmannii E.Mey. ex C.DC. = **Morella humilis**

conifera Burm.f. var. *integra* A.Chev. = **Morella integra**

conifera in sense of Hutch.; Adamson, not of Burm.f., misapplied name = **Morella serrata**

cordifolia L. = **Morella cordifolia**

cordifolia L. var. *microphylla* A.Chev. = **Morella cordifolia**

diversifolia Adamson = **Morella diversifolia**

dregeana A.Chev. = **Morella humilis**

glabrissima A.Chev. = **Morella humilis**

humilis Cham. & Schltdl. = **Morella humilis**

humilis in sense of C.DC.; Hutch.; Salter, not of Cham. & Schltdl., misapplied name = **Morella kraussiana**

incisa A.Chev. = **Morella quercifolia**

integra (A.Chev.) Killick = **Morella integra**

kraussiana Buchinger ex Meisn. = **Morella kraussiana**

linearis in sense of A.Chev.; Hutch., misapplied name = **Morella integra**

microbracteata Weim. = **Morella microbracteata**

mossii Burtt Davy = **Morella serrata**

myrtifolia A.Chev. = **Morella humilis**

pilulifera Rendle = **Morella pilulifera**

pilulifera Rendle var. *puberula* Rendle = **Morella pilulifera**

quercifolia L. = **Morella quercifolia**

serrata Lam. = **Morella serrata**

zeyheri C.DC. = **Morella quercifolia**

MYROTHAMNACEAE

Compiled by M. Jordaan

MYROTHAMNUS Welw. 3282000

(1) Weimarck. 1936. *Botaniska Notiser* 1936: 451–462.
(2) Friedrich-Holzhammer. 1966. *FSWA* 51: 1.
(3) Mendes. 1978. *FZ* 4: 69–71.
(4) Bywater. 1984. *FTEA* Myrothamnaceae: 1–3.
(5) Glen *et al.* 1999. *Flowering Plants of Africa* 56: 62–68, t. 2151.

flabellifolius Welw.
Cliffortia flabellifolia Sond. (1)
Perennial. Shrub or dwarf shrub. Ht 0.3–0.9 m. Alt 365–1850 m. N, B, LIM, NW, G, M, S, KZN

MYRSINACEAE

Compiled by M.A. Ngwenya & C.L. Bredenkamp

EMBELIA Burm.f. 6310000

(1) Dyer. 1963. *FSA* 26: 3–5.
(2) Kupicha. 1983. *FZ* 7,1: 206–210.
(3) Halliday. 1984. *FTEA* Myrsinaceae: 11–16.

abyssinica Baker = **E. schimperi**

erythrocarpa Gilg = **E. schimperi**

guineensis Baker = **E. schimperi**

kilimandscharica Gilg = **E. schimperi**

kraussii Harv. = **E. ruminata**

pellucida (Hiern) K.Schum. = **E. schimperi**

ruminata (E.Mey. ex A.DC.) Mez
E. kraussii Harv. (1)
Myrsine ruminata E.Mey. ex A.DC. (1)
Perennial. Tree, shrub, climber. Ht 3–10.75 m. Alt 5–795 m. KZN, EC

schimperi Vatke
E. abyssinica Baker (2, 3)
E. erythrocarpa Gilg (3)
E. guineensis Baker (2)
E. kilimandscharica Gilg (2, 3)
E. pellucida (Hiern) K.Schum. (2, 3)
Perennial. Scandent shrub or liane. Ht 2–5 m. Alt ± 910 m. N

MYRSINE L. 6313000

(1) Dyer. 1963. *FSA* 26: 5, 6.
(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1564.
(3) Kupicha. 1983. *FZ* 7,1: 201–203.
(4) Halliday. 1984. *FTEA* Myrsinaceae: 6–8.
(5) Burrows. 1999. *Plantlife* 20: 25, 26.
Note: although included in southern African *Floras*, there are indications that *M. pillansii* is merely a genetic aberration of *M. africana*. Seeds of *M. pillansii* are sterile as only female flowers are produced. (5)

africana L.
Perennial. Shrub. Ht 0.4–5 m. Alt 5–2400 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

gerrardii Harv. & C.H.Wright = **Robsonodendron eucleiforme**

gilliana Sond. = **Rapanea gilliana**

melanophloeos (L.) R.Br. = **Rapanea melanophloeos**

pillansii Adamson
Perennial. Tree, shrub. Ht 0.91–9.15 m. Alt 155–2135 m. LIM, G, KZN, WC

ruminata E.Mey. ex A.DC. = **Embelia ruminata**

RAPANEA Aubl. 6314000

(1) Dyer. 1963. *FSA* 26: 6–9.
(2) Kupicha. 1983. *FZ* 7,1: 203–206.
(3) Halliday. 1984. *FTEA* Myrsinaceae: 8–11.

gilliana (Sond.) Mez
Myrsine gilliana Sond. (1)
Perennial. Shrub. Ht 0.76–1.25 m. Alt 10–30 m. EC

melanophloeos (L.) Mez
Myrsine melanophloeos (L.) R.Br. (1)
Sideroxylon melanophloeos L. (1)
Perennial. Tree. Ht 1.21–20 m. Alt 5–2000 m. LIM, M, S, KZN, WC, EC

MYRTACEAE

Compiled by H.F. Glen & M. Jordaan

*CALLISTEMON R.Br. 5602000

(1) Bentham. 1866. *Flora australiensis* 3: 118–123.
(2) Mitchem. 1997. *European garden flora* 5: 318–320.

rigidus R.Br.
Perennial. Tree or shrub. Ht 1.5–2.5 m. Alt 550–750 m. EC

speciosus (Sims) DC.
Perennial. Tree. Ht 1–2 m. Alt 550–750 m. EC

*EUCALYPTUS L'Hér. 5598000

(1) Chippendale. 1988. *Flora of Australia* 19: 1–448.

camaldulensis Dehnh.
E. rostrata Schltdl. (1)
Perennial. Tree. Ht up to 30 m. Alt 100–1500 m. FS, NC, WC

cladocalyx F.Muell.
Perennial. Tree. Ht up to 20 m. Alt 0–200 m. NC, WC

globulus Labill. subsp. **maidenii** (F.Muell.) Kirkp.
E. maidenii F.Muell. (1)
Perennial. Tree. Ht up to 45 m. Alt 1400–1500 m. FS

gomphocephala A.DC.
Perennial. Tree. Ht up to 20 m. Alt 0–100 m. WC

grandis W.Hill ex Maiden
Perennial. Tree. Ht up to 20 m. Alt 0–200 m. EC

lehmannii (Schauer) Benth.
Perennial. Tree, mallee. Ht up to 6 m. Alt 0–450 m. WC, EC

longifolia Link & Otto
Perennial. Tree. Ht up to 15 m. Alt 800–1000 m. WC

maidenii F.Muell. = **E. globulus** subsp. **maidenii**

microtheca F.Muell.
Perennial. Tree. Ht up to 15 m. Alt 800–1000 m. NC

regnans F.Muell.
Perennial. Tree. Ht up to 20 m. Alt 200–300 m. WC

rostrata Schltdl. = **E. camaldulensis**

sideroxylon A.Cunn.
Perennial. Tree. Ht up to 10 m. Alt 1300–1500 m. FS

EUGENIA L. 5578000

(1) Brown. 1912. *Kew Bulletin* 1912: 276, 277.
(2) Dümmer. 1912. *The Gardeners' Chronicle* 52: 127, 128, 152, 153, 179, 180, 192, 193.
(3) Strey. 1972. *Bothalia* 10: 569–571.
(4) White. 1977. *Kirkia* 10: 401–404.
(5) White. 1978. *FZ* 4: 186–193.
(6) Van Wyk. 1979. *Journal of South African Botany* 45: 273–277.
(7) Van Wyk. 1982. *South African Journal of Botany* 1: 158–162.
(8) Van Wyk. 1985. *Contributions towards a new classification of* Eugenia *L. (Myrtaceae) in southern Africa.* Unpublished D.Sc. thesis, University of Pretoria.
(9) Verdcourt. 1999. *Kew Bulletin* 54: 41–62.

albanensis Sond.
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 15–1300 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **capensis**
E. capensis (Eckl. & Zeyh.) Sond. var. *major* Sond. (5)
Perennial. Tree or shrub. Ht 1–6 m. Alt 5–1150 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **gueinzii** (Sond.) F.White
E. gueinzii Sond. (4)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 5–30 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **A**
E. mossambicensis Engl., misapplied name (8)
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 300–1640 m. LIM, M, KZN

capensis (Eckl. & Zeyh.) Sond. var. *major* Sond. = **E. capensis** subsp. **capensis**

erythrophylla Strey
Perennial. Tree or shrub. Ht 1.5–6 m. Alt 300–1300 m. KZN, EC

gueinzii Sond. = **E. capensis** subsp. **gueinzii**

mossambicensis Engl., misapplied name = **E. capensis** subsp. **A**

natalitia Sond.
E. rudatisii Engl. & Brehmer (8)
Perennial. Tree or shrub. Ht 1–20 m. Alt 15–1400 m. LIM, M, S, KZN

pusilla N.E.Br.
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt ?–1780 m. M

rudatisii Engl. & Brehmer = **E. natalitia**

simii Dummer
Perennial. Shrub. Ht 1–3 m. Alt 0–300 m. KZN, EC

umtamvunensis A.E.van Wyk
Perennial. Tree or shrub. Ht 1–10 m. Alt 0–300 m. KZN, EC

***uniflora** L.
Perennial. Tree or shrub. Ht 1–7 m. Alt? KZN

verdoorniae A.E.van Wyk
Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN, EC

woodii Dummer
Perennial. Tree or shrub. Ht 0.7–10 m. Alt 10–1740 m. LIM, M, S, KZN

zeyheri (Harv.) Harv.
Perennial. Tree or shrub. Ht 1–4 m. Alt 6–300 m. EC

zuluensis Dummer

Perennial. Tree or shrub. Ht 1.5–12 m. Alt 900–1800 m. LIM, KZN, EC

*LEPTOSPERMUM J.R.Forst & G.Forst. 5599000

(1) Levyns. 1966. *Guide to the flora of the Cape Peninsula* edn 2: 207.
(2) Thompson. 1989. *Telopea* 3: 301–449.

laevigatum (Gaertn.) F.Muell.
Perennial. Tree or shrub. Ht 1.5–4.5 m. Alt 30–1400 m. M, WC, EC

METROSIDEROS Banks ex Gaertn. 5588000

(1) Sonder. 1862. *FC* 2: 520–523.
(2) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1624.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 548.

angustifolia (L.) Sm.
Perennial. Tree or shrub. Ht 1–7 m. Alt 30–1200 m. WC

*MYRTUS L. 5558000

(1) Campbell. 1968. *Flora europaea* 2: 303, 304.
(2) Wann 1997. *European garden flora* 5: 306.

communis L. var. **communis**
Perennial. Shrub. Ht 0.5–1.2 m. Alt 300–450 m. WC

*PSIDIUM L. 5559000

(1) Adams 1972. *Flowering Plants of Jamaica* 518–520.
(2) White. 1978. *FZ* 4: 185, 186.
(3) Knees 1997. *European garden flora* 5: 306.

cattleianum Sabine
Perennial. Tree or shrub. Ht 1–8 m. Alt 0–400 m. KZN, WC, EC

guajava L.
Perennial. Tree or shrub. Ht up to 4 m. Alt 0–1300 m. M, KZN, WC, EC

guineense Sw.
Perennial. Shrub. Ht 1–2 m. Alt 0–400 m. KZN

*SYNCARPIA Ten. 5593000

(1) Bean. 1995. *Austrobaileya* 4: 337–344.

glomulifera (Sm.) Nied.
Perennial. Tree. Ht up to 10 m. Alt 0–1250 m. LIM, EC

SYZYGIUM Gaertn. 5583000

(1) Burtt Davy. 1912. *Annals of the Transvaal Museum* 3: 154.
(2) Engler & Brehmer. 1917. *Botanische Jahrbücher* 54: 339–341.
(3) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland* 1: 240, 241.
(4) White. 1978. *FZ* 4: 193–204.
(5) Killick. 1991. *The Flowering Plants of Africa* 51: t. 2025.

cordatum Hochst. ex C.Krauss.
Perennial. Tree or shrub. Ht 3–15 m. Alt 5–2300 m. LIM, M, S, KZN, EC

gerrardii (Harv. ex Hook.f.) Burtt Davy
Perennial. Tree or shrub. Ht 1–20 m. Alt 90–1980 m. LIM, M, S, KZN, EC

guineense (Willd.) DC. subsp. **barotsense** F.White
Perennial. Tree. Ht 2–12 m. Alt 0–900 m. N, B, LIM, M, KZN

guineense (Willd.) DC. subsp. **guineense**
Perennial. Tree or shrub. Ht 3–18 m. Alt 10–1457 m. LIM, M, S, KZN

intermedium Engl. & Brehmer
Perennial. Tree. Ht 4–15 m. Alt? B, LIM, KZN, EC

legatii Burtt Davy & Greenway
Perennial. Tree or shrub. Ht 1.5–9 m. Alt 1000–1770 m. LIM, M, KZN

pondoense Engl.
Perennial. Shrub or tree. Ht 1–3 m. Alt 0–60 m. KZN, EC

NEURADACEAE

Compiled by H.F. Glen

GRIELUM L. 3391000

(1) Harvey. 1862. *FC* 2: 285–305.
(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 451, 452.
(3) Hutchinson. 1964. *The genera of flowering plants* 1: 186.
(4) Friedrich-Holzhammer. 1968. *FSWA* 56: 1, 2.

cuneifolium Schinz
Annual. Herb, prostrate. Ht up to 0.4 m. Alt 850–1500 m. B, NW, G

flagelliforme E.Mey. = **G. humifusum** var. **humifusum**

grandiflorum (L.) Druce
G. tenuifolium L. (2)
Annual. Herb, prostrate. Ht up to 0.2 m. Alt 0–300 m. NC, WC, EC

humifusum Thunb. var. **humifusum**
G. flagelliforme E.Mey. (1)
Annual. Herb, prostrate. Ht up to 0.1 m. Alt 0–1500 m. N, B, NC, WC

humifusum Thunb. var. **parviflorum** Harv.
Annual. Herb, prostrate. Ht up to 0.1 m. Alt 0–1350 m. N, NC, WC

marlothii Engl. = **G. sinuatum**

obtusifolium E.Mey. ex Harv. = **G. sinuatum**

sinuatum Licht. ex Burch.
G. marlothii Engl. (4)
G. obtusifolium E.Mey. ex Harv. (4)
Annual. Herb, prostrate. Ht up to 0.2 m. Alt 0–1350 m. N, NC, WC

tenuifolium L. = **G. grandiflorum**

NEURADA L. 3390000

austroafricana Schinz = **Neuradopsis austro-africana**

NEURADOPSIS Bremek. & Oberm. 3390010

(1) Bremekamp & Obermeyer. 1935. *Annals of the Transvaal Museum* 16: 399–442.
(2) Hutchinson. 1964. *The genera of flowering plants* 1: 186.

(3) Friedrich-Holzhammer. 1968. *FSWA* 56: 2.
(4) Mendes. 1978. *FZ* 4: 8–10.

austro-africana (Schinz) Bremek. & Oberm.
Neurada austroafricana Schinz (1)
Annual. Herb, prostrate. Ht up to 0.3 m. Alt 750–1500 m. N, B, NC

bechuanensis Bremek. & Schweick.
grieloidea Bremek. & Oberm. (4)
Annual. Herb, prostrate. Ht up to 0.4 m. Alt 750–1200 m. N, B, NC

grieloidea Bremek. & Oberm. = **N. bechuanensis**

NYCTAGINACEAE

Compiled by A.M. Makwarela

AMPHORANTHUS Moore 2351010

spinosus S.Moore = **Phaeoptilum spinosum**

BOERHAVIA L. 2349000

(1) Codd. 1966. *Bothalia* 9: 113–121.
(2) Merxmüller. 1969. *FSWA* 25: 1–4.
(3) Stirton. 1982. *Bothalia* 14,1: 79, 80.
(4) Stannard. 1988. *FZ* 9,1: 20–25.
(5) Whitehouse. 1996. *FTEA* Nyctaginaceae: 2–8.

adscendens Willd. = **B. diffusa** var. **diffusa**

bracteata T.Cooke = **B. coccinea** var. **coccinea**

coccinea Mill. var. **coccinea**
B. bracteata T.Cooke (4)
B. diffusa L. var. *hirsuta* Heimerl (4)
B. diffusa L. var. *viscosa* (Lag. & Rodr.) Heimerl (4)
B. marlothii Heimerl (4)
Annual or perennial. Herb. Ht 0.3–2 m. Alt 155–2000 m. N, B, LIM, G, M, S, KZN, NC, EC

***cordobensis** Kuntze
Annual. Herb. Ht up to 0.4 m. Alt 310–1340 m. FS, NC, WC, EC

deserticola Codd
Perennial. Decumbent herb. Length 0.4–0.8 m. Alt? N

***diffusa** L. var. **diffusa**
B. adscendens Willd. (1)
Perennial or annual. Herb. Ht up to 1 m. Alt 5–1370 m. N, B, LIM, G, M, S, KZN, NC, WC

diffusa L. var. *hirsuta* Heimerl = **B. coccinea** var. **coccinea**

diffusa L. var. *minor* (Delile) Cufod. = **B. repens** subsp. **repens**

diffusa L. var. *viscosa* (Lag. & Rodr.) Heimerl = **B. coccinea** var. **coccinea**

***erecta** L.
Annual. Herb. Ht up to 1 m. Alt 650–1250 m. N, B, LIM, G, M, FS, KZN, NC, WC, EC

hereroensis Heimerl
Perennial. Herb. Ht 0.3–0.4 m. Alt 500–1700 m. N, NC

marlothii Heimerl = **B. coccinea** var. **coccinea**

pentandra Burch. = **Commicarpus pentandrus**

repens L. subsp. **repens**
B. diffusa L. var. *minor* (Delile) Cufod. (1)
Annual or perennial. Prostrate herb. Length? Alt 640–1370 m. N, LIM, NC

COMMICARPUS Standl. 2347010

(1) Merxmüller. 1969. *FSWA* 25: 4, 5.
(2) Meikle. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36,2: 235–249.
(3) Meikle. 1979. *Kew Bulletin* 34: 341–343.
(4) Stannard. 1988. *FZ* 9,1: 15–20.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs dAfrique tropicale* 1: 118.
(6) Whitehouse. 1996. *FTEA* Nyctaginaceae: 8–15.

africanus of authors, not of (Lour.) Dandy, concept invalid = **C. plumbagineus** var. **plumbagineus**

chinensis (L.) Heimerl subsp. **natalensis** Meikle
Perennial. Climber or prostrate herb. Length? Alt 10–150 m. KZN

decipiens Meikle
Perennial. Climber, herb. Ht up to 2 m. Alt? N, LIM

fallacissimus (Heimerl) Heimerl ex Oberm., Schweick. & I.Verd.
C. fallacissimus (Heimerl) Pohnert (1)
Perennial. Herb. Ht 0.2–1.5 m. Alt 152–1460 m. N, B

fallacissimus (Heimerl) Pohnert = **C. fallacissimus**

fruticosus Pohnert
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? N

helenae (Roem. & Schult.) Meikle var. **helenae**
Perennial. Scrambler or prostrate herb. Ht 1–1.5 m. Alt 200–1100 m. B, LIM

pentandrus (Burch.) Heimerl
Boerhavia pentandra Burch. (4)
Perennial. Prostrate, scrambler or ascending herb. Ht up to 2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

pilosus (Heimerl) Meikle
Perennial. Procumbent herb. Ht up to 0.7 m. Alt 200–1350 m. N, B, LIM, NW, M

plumbagineus (Cav.) Standl. var. **plumbagineus**
C. africanus of authors, not of (Lour.) Dandy, concept invalid (4)
Perennial. Procumbent or scrambler, herb. Ht 4–10 m. Alt 50–1420 m. N, B, LIM, G, M, S, FS, KZN

squarrosus (Heimerl) Standl.
Perennial. Suffrutex. Ht up to 1 m. Alt ?–1200 m. N

*MIRABILIS L. 2347000

(1) Cooke. 1910. *FC* 5: 393.
(2) Stannard. 1988. *FZ* 9,1: 13, 14.

jalapa L.
Perennial. Herb. Ht 0.5–1.5 m. Alt 650–1590 m. NW, G, FS, EC

viscosa Cav.
Oxybaphus viscosus (Cav.) L'Hér. (1)
Perennial. Herb. Ht 0.2–0.7 m. Alt? N

NACHTIGALIA Schinz 2351020

protectoratus Schinz ex Engl. = **Phaeoptilum spinosum**

OXYBAPHUS Vahl 2347020

viscosus (Cav.) L'Hér. = **Mirabilis viscosa**

PHAEOPTILUM Radlk. 2351000

(1) Merxmüller. 1969. *FSWA* 25: 6, 7.
(2) Stannard. 1988. *FZ* 9,1: 28.

heimerli Engl. = **P. spinosum**

spinosum Radlk.
Amphoranthus spinosus S.Moore (1)
Nachtigalia protectoratus Schinz ex Engl. (1)
P. heimerli Engl. (1)
Perennial. Shrub. Ht 1–4 m. Alt 400–1675 m. N, B, LIM, FS, NC

PISONIA L. 2354000

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 160.
(2) Stannard. 1988. *FZ* 9,1: 25, 26.
(3) Whitehouse. 1996. *FTEA* Nyctaginaceae: 17–19.

aculeata L.
Perennial. Shrub, climber. Ht 2–20 m. Alt 6–165 m. KZN

NYMPHAEACEAE

Compiled by R.P. Glen & C.D.K. Cook

NYMPHAEA L. 2513000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 29.
(2) Mendonça. 1961. *FZ* 1,1: 175–180.
(3) Obermeyer. 1969. *The Flowering Plants of Africa* 39: t. 1541.
(4) Mendonça. 1973. *Flora de Moçambique* 8: 1–5.
(5) Landon. 1984. *Phytologia* 55: 109–111.
(6) Verdcourt. 1989. *FTEA* Nymphaeaceae: 3–11.

Note: Borsch & Wiersema are currently working on a long-term global investigation of the genus *Nymphaea*. Borsch states: 'While Verdcourt's treatment of the East African *Nymphaea* is the most comprehensive one available at this time, it is based entirely on herbarium study of these plants. Such studies cannot adequately address the effects of hybridization, resulting in largely sterile intermediate plants that blur the distinctions between species if they are not recognised as such. Based on field experience studying *Nymphaea* in North and South America and Australia, I cannot accept Verdcourt's grouping of such diverse taxa as *N. caerulea*, *N. capensis* (its nomenclature problems aside), and *N. petersiana* under the largely Asiatic *N. nouchali*. I have mostly reverted to the earlier treatment of Conard in accepting these and others at species rank' (pers. comm.). Refer to http://www.victoria-adventure.org/waterlilies/family_tree.html for their proposed preliminary classification.

caerulea Savigny = **N. nouchali** var. **caerulea**

calliantha Conard = **N. nouchali** var. **caerulea**

capensis Thunb. var. *alba* K.C.Landon = **N. nouchali** var. **caerulea**

capensis Thunb. var. *capensis* = **N. nouchali** var. **caerulea**

capensis Thunb. var. *zanzibarensis* (Casp.) Conard = **N. nouchali** var. **zanzibariensis**

colorata Peter = **N. nouchali** var. **zanzibariensis**

lotus L.
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 550–1500 m. B, LIM, G, M, S, KZN

***mexicana** Zucc.
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt ± 1500 m. G, FS

mildbraedii Gilg = **N. nouchali** var. **caerulea**

nelsonii Burtt Davy = **N. nouchali** var. **caerulea**

nouchali Burm.f. var. **caerulea** (Savigny) Verdc.
N. caerulea Savigny (6)
N. calliantha Conard (6)
N. capensis Thunb. var. *alba* K.C.Landon (6)
N. capensis Thunb. var. *capensis* (6)
N. mildbraedii Gilg (6)
N. nelsonii Burtt Davy (7)
N. stellata in sense of Harv., not of Willd. in strict sense, misapplied name (6)
N. stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name (6)
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 10–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

nouchali Burm.f. var. **ovalifolia** (Conard) Verdc.
N. stellata in sense of F.Hoffm., not of Willd. in strict sense, misapplied name (6)
N. vernayi Bremek. & Oberm. (6)
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt ± 900 m. B

nouchali Burm.f. var. **petersiana** (Klotzsch) Verdc.
N. petersiana Klotzsch (6)
N. stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name (6)
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt ± 900 m. B

nouchali Burm.f. var. **zanzibariensis** (Casp.) Verdc.
N. capensis Thunb. var. *zanzibarensis* (Casp.) Conard (6)
N. colorata Peter (6)
N. stellata Willd. var. *zanzibariensis* (Casp.) Hook.f. (6)
Perennial, occ. annual. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 10–1400 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

petersiana Klotzsch = **N. nouchali** var. **petersiana**

stellata in sense of F.Hoffm., not of Willd. in strict sense, misapplied name = **N. nouchali** var. **ovalifolia**

stellata in sense of Harv., not of Willd. in strict sense, misapplied name = **N. nouchali** var. **caerulea**

stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name = **N. nouchali** var. **caerulea**

stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name = **N. nouchali** var. **petersiana**

stellata Willd. var. *zanzibariensis* (Casp.) Hook.f. = **N. nouchali** var. **zanzibariensis**

vernayi Bremek. & Oberm. = **N. nouchali** var. **ovalifolia**

OCHNACEAE

Compiled by R.H. Archer

BRACKENRIDGEA A.Gray 5114000

(1) Du Toit & Obermeyer. 1976. *FSA* 22: 12, 13.

arenaria (De Wild. & T.Durand) N.Robson
Ochna arenaria De Wild. & T.Durand (1)
Perennial. Dwarf shrub. Ht 0.3–1(–1.5) m. Alt 850–1100 m. N

zanguebarica Oliv.
Perennial. Tree. Ht 1.5–3 m. Alt 600–750 m. LIM

OCHNA L. 5112000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 70.
(2) Verdoorn. 1952. *The Flowering Plants of Africa* 29: t. 1139.
(3) Van der Watt. 1962. *The Flowering Plants of Africa* 35: t. 1392.
(4) Du Toit & Obermeyer. 1976. *FSA* 22: 1–12.

arborea Burch. ex DC. var. **arborea**
Perennial. Tree, shrub. Ht 1–12 m. Alt 20–1525 m. LIM, M, S, KZN, WC, EC

arborea Burch. ex DC. var. **oconnorii** (E.Phillips) Du Toit
O. oconnorii E.Phillips (4)
Perennial. Tree, shrub. Ht 1.5–12 m. Alt 850–1640 m. LIM, M, S, KZN, EC

arenaria De Wild. & T.Durand = **Brackenridgea arenaria**

atropurpurea DC. var. *angustifolia* E.Phillips = **O. gamostigmata**

atropurpurea DC. var. *natalitia* (Meisn.) Harv. = **O. natalitia**

atropurpurea in sense of Harv., not of DC., misapplied name = **O. serrulata**

barbosae N.Robson
Perennial. Tree, shrub. Ht 2.5–8 m. Alt 10–250 m. KZN

chilversii E.Phillips = **O. natalitia**

cinnabarina Engl. & Gilg
Perennial. Shrub. Ht 0.3–1.75 m. Alt 850–1150 m. N, B

confusa Burtt Davy & Greenway
Perennial. Tree, shrub. Ht 0.5–2 m. Alt 840–1525 m. LIM, M

fuscescens Heine = **O. pulchra**

gamostigmata Du Toit
O. atropurpurea DC. var. *angustifolia* E.Phillips (4)
Perennial. Tree, shrub. Ht 0.3–8 m. Alt 400–1525 m. M, S, KZN

glauca I.Verd.
Perennial. Tree, shrub. Ht 1–2.5 m. Alt? B, LIM, NW

holstii Engl.
Perennial. Tree. Ht 0.5–12 m. Alt 100–1650 m. LIM, M, S, KZN, EC

inermis (Forssk.) Schweinf.
Perennial. Tree, shrub. Ht 0.1–3 m. Alt 215–1220 m. B, LIM, NW, M

natalitia (Meisn.) Walp.
O. atropurpurea DC. var. *natalitia* (Meisn.) Harv. (4)
O. chilversii E.Phillips (4)
Perennial. Tree, shrub. Ht 0.15–10 m. Alt 5–1524 m. LIM, NW, G, M, S, KZN, EC

oconnorii E.Phillips = **O. arborea** var. **oconnorii**

pretoriensis E.Phillips
Perennial. Tree, shrub. Ht 0.1–4 m. Alt 500–1520 m. LIM, NW, G, M

pulchra Hook.f.
O. fuscescens Heine (4)
O. rehmannii Szyszyl. (4)
Perennial. Tree, shrub. Ht 0.3–9 m. Alt 450–1615 m. N, B, LIM, NW, G, M

rehmannii Szyszyl. = **O. pulchra**

serrulata (Hochst.) Walp.
O. atropurpurea in sense of Harv., not of DC., misapplied name (4)
Perennial. Tree, shrub. Ht 0.3–6 m. Alt 15–1890 m. LIM, M, S, KZN, L, WC, EC

OLACACEAE

Compiled by M. Jordaan

OLAX L. 2131000

(1) García. 1963. *FZ* 2: 331–334.
(2) Lucas. 1968. *FTEA* Olacaceae: 6–9.
(3) García & Vidigal. 1979. *Flora de Moçambique* 44: 5–8.

dissitiflora Oliv.
Perennial. Tree or shrub. Ht 5–12 m. Alt 40–1280 m. N, B, LIM, M, S, KZN

XIMENIA L. 2136000

(1) Schweickerdt. 1937. *Bothalia* 3: 179–182.
(2) Verdoorn. 1950. *The Flowering Plants of Africa* 28: t. 1081.
(3) García. 1963. *FZ* 2: 328–331.
(4) De Filipps. 1969. *Boletim da Sociedade Broteriana* 43: 193–200.
(5) García & Vidigal. 1979. *Flora de Moçambique* 44: 1–5.

americana L. var. **americana**
Perennial. Tree or shrub. Ht 1–5 m. Alt 30–1646 m. N, B

americana L. var. **microphylla** Welw. ex Oliv.
X. rogersii Burtt Davy (1)
Perennial. Tree or shrub. Ht 1–5 m. Alt 300–1980 m. B, LIM, NW, G, M, S, KZN

caffra Sond. var. **caffra**
Perennial. Tree or shrub. Ht 1–7 m. Alt 152–1675 m. N, B, LIM, NW, G, M, S

caffra Sond. var. **natalensis** Sond.
Perennial. Tree or shrub. Ht 1–6 m. Alt 35–2895 m. LIM, M, S, KZN

rogersii Burtt Davy = **X. americana** var. **microphylla**

OLEACEAE

Compiled by M. Jordaan

CHIONANTHUS L. 6428000

(1) Stearn. 1980. *Botanical Journal of the Linnean Society* 80: 191–206.
(2) Kupicha. 1983. *FZ* 7,1: 320–323.

battiscombei (Hutch.) Stearn
Linociera battiscombei Hutch. (1)
Perennial. Tree. Ht 2.5–8 m. Alt 100–1525 m. LIM, KZN

foveolatus (E.Mey.) Stearn subsp. **foveolatus**
Linociera foveolata (E.Mey.) Knobl. (1)
Olea foveolata E.Mey. (1)
Perennial. Tree. Ht 3–10 m. Alt 150–1830 m. LIM, M, S, KZN, EC

foveolatus (E.Mey.) Stearn subsp. **major** (I.Verd.) Stearn
Linociera foveolata (E.Mey.) Knobl. subsp. *major* I.Verd. (1)
Perennial. Tree. Ht 3–30 m. Alt 869–1675 m. LIM, M, S

foveolatus (E.Mey.) Stearn subsp. **tomentellus** (I.Verd.) Stearn
Linociera foveolata (E.Mey.) Knobl. subsp. *tomentella* I.Verd. (1)
Perennial. Tree. Ht 2–10 m. Alt 4–425 m. KZN, WC, EC

peglerae (C.H.Wright) Stearn
Linociera peglerae (C.H.Wright) Gilg & G.Schellenb. (1)
Olea peglerae C.H.Wright (1)
Perennial. Tree. Ht 4–18 m. Alt 15–1525 m. KZN, EC

*FRAXINUS Tourn. ex L. 6420000

(1) Tutin. 1972. *Flora europaea* 3: 54.
(2) Green. 1997. *European garden flora* 5: 584–588.

***angustifolia** Vahl
Perennial. Tree. Ht 6–25 m. Alt 50–900 m. WC

JASMINUM L. 6440000

(1) Verdoorn. 1958. *The Flowering Plants of Africa* 32: t. 1272.
(2) Verdoorn. 1963. *FSA* 26: 103–112.
(3) Kupicha. 1983. *FZ* 7,1: 305–318.
(4) Green. 1986. *Kew Bulletin* 41: 413–419.

abyssinicum Hochst. ex DC.
Perennial. Shrub or climber. Ht 0.5–2.5 m. Alt 15–1980 m. LIM, M, KZN

angulare Vahl
Perennial. Shrub or climber. Ht 0.2–10 m. Alt 15–1293 m. M, KZN, EC

breviflorum Harv. ex C.H.Wright
Perennial. Shrub or climber. Ht 0.2–4 m. Alt 155–1400 m. LIM, NW, G, M, KZN, EC

fluminense Vell. subsp. **fluminense**
Perennial. Shrub or climber. Ht 0.6–9 m. Alt 25–1675 m. B, LIM, M, S, KZN

glaucum (L.f.) Aiton
Perennial. Dwarf shrub or shrub. Ht 0.6–2.4 m. Alt 30–655 m. NC, WC

multipartitum Hochst.
Perennial. Dwarf shrub or climber. Ht 0.3–6 m. Alt 7–1563 m. LIM, M, S, KZN, EC

quinatum Schinz
J. tortuosum in sense of Harv. ex C.H.Wright, misapplied name (2)
Perennial. Dwarf shrub or climber. Ht 0.15–0.4 m. Alt 400–1830 m. LIM, G, M

stenolobum Rolfe
Perennial. Shrub, dwarf shrub or climber. Ht 0.3–3 m. Alt 80–1220 m. B, LIM, NW, G, M, S, KZN

streptopus E.Mey. var. **streptopus**
Perennial. Dwarf shrub or climber. Ht 1.5–1.8 m. Alt 15–1370 m. KZN

streptopus E.Mey. var. **transvaalensis** (S.Moore) I.Verd.
Perennial. Dwarf shrub or climber. Ht 0.5–2 m. Alt 700–1300 m. LIM, M, S, KZN, EC

tortuosum in sense of Harv. ex C.H.Wright, misapplied name = **J. quinatum**

tortuosum Willd.
Perennial. Climber. Ht 0.5–7 m. Alt 300–530 m. WC

*LIGUSTRUM L. 6436000

(1) Ohwi. 1965. *Flora of Japan*: 729, 730.
(2) Franco. 1972. *Flora europaea* 3: 54, 55.
(3) Green. 1995. *Kew Bulletin* 50: 379–386.
(4) Green. 1997. *European garden flora* 5: 578–580.

japonicum Thunb.
Perennial. Shrub. Ht 1–3 m. Alt ?–1430 m. G, M, FS, KZN, L, EC

ovalifolium Hassk.
Perennial. Shrub or tree. Ht 2–5 m. Alt ?–1185 m. KZN

sinense Lour.
Perennial. Shrub or tree. Ht 2–4 m. Alt ?–1700 m. G, M

LINOCIERA Swartz 6428010

battiscombei Hutch. = **Chionanthus battiscombei**
foveolata (E.Mey.) Knobl. = **Chionanthus foveolata** subsp. **foveolata**
foveolata (E.Mey.) Knobl. subsp. *major* I.Verd. = **Chionanthus foveolata** subsp. **major**
foveolata (E.Mey.) Knobl. subsp. *tomentella* I.Verd. = **Chionanthus foveolata** subsp. **tomentellus**
peglerae (C.H.Wright) Gilg & G.Schellenb. = **Chionanthus peglerae**

MENODORA Humb. & Bonpl. 6438000

(1) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1187.
(2) Verdoorn. 1963. *FSA* 26: 125–128.
(3) Kupicha. 1983. *FZ* 7,1: 318–320.

africana Hook.
Perennial. Dwarf shrub or herb. Ht 0.02–0.25 m. Alt 610–1600 m. B, LIM, NW, G, M, FS, KZN, NC

heterophylla Moric. ex DC. var. **australis** Steyerm.
Perennial. Dwarf shrub or herb. Ht 0.07–0.25 m. Alt 1000–1500 m. B, NW

juncea Harv.
Perennial. Shrublet or dwarf shrub. Ht 0.25–2 m. Alt 90– 1067 m. NC, WC

OLEA L. 6434000

(1) Verdoorn. 1963. *FSA* 26: 112–119.
(2) Green & Kupicha. 1979. *Kew Bulletin* 34: 69–75.
(3) Kupicha. 1983. *FZ* 7,1: 323–327.
(4) Dyer. 1991. *A biosystematic study of the African species of* Olea *L. (Oleaceae).* Ph.D thesis, University of the Witwatersrand, Johannesburg.
(5) Herman & Condy. *Flowering Plants of Africa* 55: 92–95, t. 2137.
Note: the broad species concept of *Olea europaea* by Green (2002, in *Kew Bulletin* 57: 91–140) is not followed here.

africana Mill. = **O. europaea** subsp. **africana**

capensis L. subsp. **capensis**
O. enervis Harv. ex C.H.Wright in part (1)
Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1525 m. KZN, WC, EC

capensis L. subsp. **enervis** (Harv. ex C.H.Wright) I.Verd.
O. enervis Harv. ex C.H.Wright in part (1)
Perennial. Shrub. Ht 0.5–3 m. Alt 30–1700 m. LIM, NW, M, S, KZN, EC

capensis L. subsp. **macrocarpa** (C.H.Wright) I.Verd.
O. macrocarpa C.H.Wright (1)
Perennial. Tree. Ht 3–30 m. Alt 30–2075 m. LIM, M, S, KZN, WC, EC

enervis Harv. ex C.H.Wright in part = **O. capensis** subsp. **capensis**

enervis Harv. ex C.H.Wright in part = **O. capensis** subsp. **enervis**

europaea L. subsp. **africana** (Mill.) P.S.Green
O. africana Mill. (2)
O. europaea L. subsp. *cuspidata* (Wall. ex G.Don) Cif. (4, 5)
Perennial. Tree or shrub. Ht 2–14 m. Alt 5–2479 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

europaea L. subsp. *cuspidata* (Wall. ex G.Don) Cif. = **O. europaea** subsp. **africana**

exasperata Jacq.
Perennial. Tree or shrub. Ht 2–7 m. Alt 50–460 m. WC, EC

foveolata E.Mey. = **Chionanthus foveolatus** subsp. **foveolatus**

macrocarpa C.H.Wright = **O. capensis** subsp. **macrocarpa**

peglerae C.H.Wright = **Chionanthus peglerae**

woodiana Knobl.
Perennial. Tree or shrub. Ht 2–20 m. Alt 5–1850 m. LIM, M, S, KZN, EC

SCHREBERA Roxb. 6422000

(1) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1228.
(2) Kupicha. 1983. *FZ* 7,1: 301–305.

alata (Hochst.) Welw.
S. argyrotricha Gilg (2)
Perennial. Tree or shrub. Ht 4–15 m. Alt 30–1980 m. LIM, M, S, KZN, EC

argyrotricha Gilg = **S. alata**

schinoides Thunb. = **Cassine schinoides**

trichoclada Welw.
Perennial. Tree or shrub. Ht 2–10 m. Alt 30–975 m. N, B

OLINIACEAE

Compiled by R.H. Archer

OLINIA Thunb. 5428000

(1) Hofmeyr & Phillips. 1921. *Bothalia* 1: 97–104.
(2) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1260.
(3) Cufodontis. 1960. *Österreichechen Botanischen Zeitschrift.* 107: 106–112.
(4) Verdcourt. 1975. *FTEA* Oliniaceae: 1–4.
(5) Sebola & Balkwill. 1999. *South African Journal of Botany* 65: 97–103.

acuminata Klotzsch = **O. capensis**

capensis (Jacq.) Klotzsch
O. acuminata Klotzsch (5)
Perennial. Tree. Ht 1–15 m. Alt 90–1500 m. WC, EC

cymosa (L.) Thunb. = **O. ventosa**

emarginata Burtt Davy
Perennial. Tree. Ht 1–18 m. Alt 90–2200 m. LIM, G, M, FS, KZN, EC

micrantha Decne.
Perennial. Tree. Ht 1–15 m. Alt 90–1500 m. EC

radiata Hofmeyr & E.Phillips
Perennial. Tree. Ht 3–25 m. Alt 300–1220 m. KZN, EC

rochetiana Juss.
O. usambarensis Gilg (4)
Perennial. Tree, shrub. Ht 1.2–8 m. Alt 410–2180 m. LIM, M

usambarensis Gilg = **O. rochetiana**

ventosa (L.) Cufod.
O. cymosa (L.) Thunb. (1)
Perennial. Tree, shrub. Ht 2–20 m. Alt 15–915 m. WC, EC

ONAGRACEAE

Compiled by C.L. Bredenkamp

EPILOBIUM L. 5795000

(1) Sonder. 1862. *FC* 2: 507–513.
(2) Compton. 1967. *Journal of South African Botany* 33: 297.
(3) Raven. 1978. *FZ* 4: 343–346.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 113.
(5) Goldblatt & Raven. 1997. *Bothalia* 27: 153–155.

biforme Hausskn. = **E. capense**

capense Buchinger ex Hochst.
E. biforme Hausskn. (5)
E. flavescens E.Mey. ex Harv. (3)
E. jonathum Hausskn. (5)

E. karsteniae Compton (5)
Perennial. Herb. Ht 0.21–1.21 m. Alt 900–2762 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

flavescens E.Mey. ex Harv. = **E. capense**

hirsutum L.
Perennial. Herb. Ht 0.22–2.74 m. Alt 5–2600 m. NW, G, M, S, FS, KZN, L, WC, EC

jonathum Hausskn. = **E. capense**

karsteniae Compton = **E. capense**

mundtii Hausskn. = **E. salignum**

natalense Hausskn. = **E. salignum**

neriophyllum Hausskn. = **E. salignum**

salignum Hausskn.
E. mundtii Hausskn. (5)
E. natalense Hausskn. (5)
E. neriophyllum Hausskn. (5)
E. schinzii Hausskn. (5)
Perennial. Herb. Ht 0.2–1.6 m. Alt 500–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

schinzii Hausskn. = **E. salignum**

tetragonum L. subsp. **tetragonum**
Perennial. Herb. Ht 0.1–1 m. Alt 75–2835 m. G, M, FS, KZN, L, NC, WC, EC

*GAURA L. 5819000

(1) Munz. 1965. *North American Flora* ser. 2,5: 182–196.
(2) Goldblatt & Raven. 1997. *Bothalia* 27: 156, 157.

lindheimeri Engelm. & A.Gray
Perennial. Herb. Ht up to 1 m. Alt up to 535 m. G, EC

sinuata Nutt. ex Ser.
Perennial. Herb, aggressively rhizomatous. Ht up to 0.6 m. Alt ± 155 m. EC

LUDWIGIA L. 5793000

(1) Torrey & Gray. 1840. *Flora of North America* 1: 493.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 113, 114.
(3) Goldblatt & Raven. 1997. *Bothalia* 27: 149–153.

abyssinica A.Rich.
Annual, occ. perennial. Herb, hydrophyte. Ht 0.6–2 m. Alt 550–1005 m. N, B, KZN, NC

adscendens (L.) Hara subsp. **diffusa** (Forssk.) P.H.Raven
L. stolonifera (Guill. & Perr.) P.H.Raven (3)
Annual. Herb, hydrophyte. Ht 0.5–1 m. Alt 0–1100 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

erecta (L.) Hara
Annual. Herb, hydrophyte. Ht 0.03–3 m. Alt 0–1100 m. B

leptocarpa (Nutt.) Hara
Perennial. Herb, hydrophyte. Ht 0.91–3 m. Alt 5–1370 m. N, B, KZN

octovalvis (Jacq.) P.H.Raven
L. octovalvis (Jacq.) P.H.Raven subsp. *brevisepala* (Brenan) P.H.Raven (3)
L. octovalvis (Jacq.) P.H.Raven subsp. *sessiliflora* (Micheli) P.H.Raven (3)
Annual, occ. perennial. Herb, hydrophyte. Ht 0.04–4 m. Alt 2–1095 m. N, B, LIM, NW, M, S, KZN, EC

octovalvis (Jacq.) P.H.Raven subsp. *brevisepala* (Brenan) P.H.Raven = **L. octovalvis**

octovalvis (Jacq.) P.H.Raven subsp. *sessiliflora* (Micheli) P.H.Raven = **L. octovalvis**

palustris (L.) Elliott
Annual. Herb, hydrophyte. Ht up to 0.5 m. Alt 30–1525 m. N, LIM, NW, G, KZN, L, WC, EC

perennis L.
Annual. Herb, hydrophyte. Ht up to 1 m. Alt 0–1200 m. S

***polycarpaea** Short & R.Peter ex Torr. & A.Gray
Perennial. Herb, hydrophyte. Ht up to 0.9 m. Alt up to 732 m. LIM, S

pulvinaris Gilg = **L. senegalensis**

senegalensis (DC.) Troch.
L. pulvinaris Gilg (3)
Annual. Herb. Ht 0.05–0.35 m. Alt 0–1100 m. N

stolonifera (Guill. & Perr.) P.H.Raven = **L. adscendens** subsp. **diffusa**

*OENOTHERA L. 5804000

(1) Munz. 1965. *North American Flora* ser. 2,5: 120, 121.
(2) Dietrich. 1977. *Annals of the Missouri Botanical Garden* 64: 425–626.
(3) Raven. 1978. *FZ* 4: 330–332.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 114.
(5) Goldblatt & Raven. 1997. *Bothalia* 27: 157–165.

affinis Cambess.
Annual. Herb. Ht 0.4–1.5 m. Alt up to 2500 m. LIM, NW, G, M, FS, L, WC

biennis L.
Biennial. Herb. Ht 0.5–2 m. Alt up to 1548 m. NW, G, M, FS, KZN, L, NC

drummondii Hook. subsp. **drummondii**
Perennial. Herb. Ht 0.2–0.6 m. Alt? M, S, KZN, WC

erythrosepala (Borbás) Borbás = **O. glazioviana**

glazioviana Micheli
O. erythrosepala (Borbás) Borbás (5)
O. grandiflora in sense of Munz (1974), not of L'Hér. ex Aiton (1789) (2)
Biennial, short-lived perennial. Herb. Ht 0.8–1.2 m. Alt 0–2000 m. LIM, NW, G, S, FS, KZN, L, WC, EC

grandiflora Aiton
Biennial. Herb. Ht 0.1–1.2 m. Alt? KZN, EC

grandiflora in sense of Munz (1974), not of L'Hér. ex Aiton (1789) = **O. glazioviana**

indecora Cambess. subsp. *bonariensis* W.Dietr. = **O. indecora** subsp. **indecora**

indecora Cambess. subsp. **indecora**
O. indecora Cambess. subsp. *bonariensis* W.Dietr. (5)
Annual. Herb. Ht 0.2–0.91 m. Alt 5–2200 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

jamesii Torr. & A.Gray
Annual. Herb. Ht 0.15–2.13 m. Alt 30–1525 m. LIM, NW, G, M, FS, KZN, WC, EC

laciniata Hill
Annual. Herb. Ht 0.2–0.6 m. Alt 5–1770 m. NW, G, FS, KZN, L, EC

longiflora L. subsp. **longiflora**
Annual. Herb. Ht 0.4–0.8 m. Alt? NC, WC

parodiana Munz subsp. **parodiana**
Annual. Herb. Ht 0.3–0.7 m. Alt 54–2428 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

parviflora L.

Biennial. Herb. Ht 1–1.5 m. Alt? WC

rosea L'Hér. ex Aiton
Perennial. Herb. Ht 0.2–0.25 m. Alt 60–2350 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

stricta Ledeb. ex Link subsp. **stricta**
Annual, short-lived perennial. Herb. Ht 0.3–1 m. Alt 5–1830 m. LIM, NW, G, M, FS, KZN, L, WC, EC

tetraptera Cav.
Perennial. Herb. Ht 0.15–0.4 m. Alt 155–2685 m. LIM, NW, G, M, FS, KZN, L, WC, EC

villosa Thunb.
Biennial. Herb. Ht 0.5–2 m. Alt? WC

OPILIACEAE

Compiled by M. Jordaan

OPILIA Roxb. 2122000

(1) Hiepko. 1982. *Willdenowia* 12: 161–182.

campestris Engl. var. **campestris**
Perennial. Shrub or tree. Ht 2–5 m. Alt 60–1450 m. N

OROBANCHACEAE

(including Scrophulariaceae in part)

Compiled by S.J. Smithies & J.A. Ready

ALECTRA Thunb. 7597010

(1) Hiern. 1904. *FC* 4,2: 371–378, as '*Melasma*'.
(2) Hemsley. 1906. In Hemsley & Skan, *FTA* 4,2: 362–373.
(3) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 339 (*A. orobanchoides*).
(4) Melchior. 1941. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15,3: 423–447.
(5) Hepper. 1960. *Kew Bulletin* 14: 402–406.
(6) Merxmüller & Roessler. 1967. *FSWA* 126: 5–8.
(7) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 309–311.
(8) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 371–377.
(9) Philcox. 1990. *FZ* 8,2: 85–93.
(10) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41, 1: 85–94.
(11) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 421, 422.
(12) Retief & Herman. 1997. *Strelitzia* 6: 604, 605.
(13) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 29-05-2002).

Note: these are root parasites and the original soil level often does not show on herbarium specimens, especially those with scale leaves. Hence heights given here are somewhat uncertain.

angustifolia Engl. = **A. vogelii**

aurantiaca Hemsl.
A. omurambensis Dinter ex Melch. (6)
Annual. Herb, parasite. Ht ± 0.05–± 0.1 m. Alt? N

avensis (Benth.) Merr. = **A. sessiliflora** var. **monticola**

bainesii Hemsl.
Annual? Herb, parasite. Ht 0.06–0.1 m. Alt ± 1100 m. B

bainesii of author, not of Hemsl.: Dinter (1917) = **A. welwitschii**

barbata (Hiern) Melch. = **A. sessiliflora** var. **sessiliflora**

basutica (E.Phillips) Melch.
Melasma basuticum E.Phillips (4)
Annual? Herb, parasite. Ht 0.1–0.4 m. Alt 1470–1980 m. FS, KZN, L

capensis Thunb.
Melasma capense (Thunb.) Hiern (4)
Annual or perennial. Herb, parasite. Ht 0.06–0.37 m. Alt 17–2425 m. LIM, M, S, FS, KZN, L, WC, EC

dunensis Hilliard & B.L.Burtt
Annual? Herb, parasite. Ht 0.04–0.1 m. Alt 6–? m. S, KZN

heyniae (Dinter) Dinter = **A. orobanchoides**

hundtii Melch.
Annual? Herb, parasite. Ht ± 0.2–± 0.45 m. Alt ± 1370 m. S?

kirkii Hemsl. = **A. orobanchoides**

lancifolia Hemsl.
Melasma indicum Hiern, not *Alectra indica* Benth. (4)
Annual. Herb, parasite. Ht 0.16–0.55 m. Alt ± 1000 m. N, B?

lurida Harv.
Melasma luridum (Harv.) Hiern (4)
Annual? or perennial. Herb, parasite. Ht ± 0.15–0.4 m. Alt 100–± 300 m. WC

melampyroides Benth. = **A. sessiliflora** var. **sessiliflora**

natalensis (Hiern) Melch.
Melasma natalense Hiern (4)
Apparently annual. Herb, parasite. Ht ± 0.1 m. Alt ± 900 m. KZN

omurambensis Dinter ex Melch. = **A. aurantiaca**

orobanchoides Benth.
A. heyniae (Dinter) Dinter (4, 9)
A. kirkii Hemsl. (9)
A. parvifolia (Engl.) Schinz (9)
Celsia parvifolia Engl. (3, 9)
Melasma orobanchoides (Benth.) Engl. (9)
Nigrina orobanchoides (Benth.) Kuntze as '*orobanchodes*' (4)
Orobanche heyniae Dinter (4, 9)
Orobanche parviflora E.Mey. ex Drège, name only (1, 9)
Annual. Herb, parasite. Ht (0.03–)0.1–± 0.6 m. Alt 30–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

parvifolia (Engl.) Schinz = **A. orobanchoides**

picta (Hiern) Hemsl.
Melasma pictum Hiern (4)
Annual. Herb, parasite. Ht 0.1–± 0.6 m. Alt 275–960 m. B, LIM?, M?

pseudobarleriae (Dinter) Dinter
Orobanche pseudobarleriae Dinter (4)
Annual? Herb, parasite. Ht 0.05–± 0.25 m. Alt? N

pumila Benth.
Annual. Herb, parasite. Ht 0.03–± 0.12(–0.3?) m. Alt 1158–1980 m. N?, B?, LIM, G, M?, FS, L, NC, EC

pusilla E.Phillips = **A. schoenfelderi**

schoenfelderi Dinter & Melch.
A. pusilla E.Phillips (6)
Annual? Herb, parasite. Ht 0.01–0.02 m. Alt ± 900 m. N

senegalensis Benth. = **A. sessiliflora** var. **senegalensis**

sessiliflora (Vahl) Kuntze var. **monticola** (Engl.) Melch.
A. avensis (Benth.) Merr. (5)
Glossostylis avensis Benth. (9)
Melasma indicum (Benth.) Wettst. (9 implied)
Melasma indicum (Benth.) Wettst. var. *monticolum* Engl. (5)
Nigrina sessiliflora (Vahl) Kuntze in part (4, 9 implied)
Annual. Herb, parasite. Ht 0.18–0.45 m. Alt ± 1050–1480 m. LIM?, M?, S?

sessiliflora (Vahl) Kuntze var. **senegalensis** (Benth.) Hepper
A. senegalensis Benth. (5)
Annual. Herb, parasite. Ht ± 0.15–± 0.6 m. Alt ± 1005 m. N, B

sessiliflora (Vahl) Kuntze var. **sessiliflora**
A. barbata (Hiern) Melch. (5)
A. melampyroides Benth. (5)
A. sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *barbata* (Hiern) Hilliard & B.L.Burtt (9 implied)
A. sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *sessiliflora* (9 implied)
Bartsia scabra (Thunb.) Spreng. (4)
Gerardia sessiliflora Vahl (5)
Glossostylis capensis Benth. (1, 4)
Melasma barbatum Hiern (9)
Melasma sessiliflorum (Vahl) Hiern (4)
Nigrina sessiliflora (Vahl) Kuntze in part (4)
Rhinanthus scaber Thunb. (4)
Annual or perennial. Herb, parasite. Ht 0.04–0.68 m. Alt 0–± 2250 m. B?, LIM, NW, M, S, FS, KZN, L, WC, EC

sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *barbata* (Hiern) Hilliard & B.L.Burtt = **A. sessiliflora** var. **sessiliflora**

sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *sessiliflora* = **A. sessiliflora** var. **sessiliflora**

thyrsoidea Melch.
Annual? Herb, parasite. Ht 0.25–0.38 m. Alt ± 1220–2400 m. FS, KZN, EC

vogelii Benth.
A. angustifolia Engl. (4)
Annual. Herb, parasite. Ht 0.13–0.67 m. Alt ± 200–± 1525 m. N, B, LIM, NW, G, S, KZN?

welwitschii (Hiern) Hemsl. [sunk under *A. orobanchoides* by (10) but used by (11)]
A. bainesii of author, not of Hemsl.: Dinter (1917) (4)
Melasma welwitschii Hiern (4)
Annual? Herb, parasite. Ht 0.06–0.32 m. Alt ± 760–± 1830 m. NW, L?, NC, EC?

AULAYA Harv. 7627010

capensis of authors, not of Drège: Harv. (1838); Hook. (1841); Bernh. (1844) = **Harveya bolusii**

capensis of author, not of Harv.: Drège (1847) = **Harveya squamosa**

coccinea Harv. = **Harveya coccinea**

grandiflora Benth. = **Harveya purpurea**

pauciflora Benth. = **Harveya pauciflora**

purpurea (L.f.) Benth. = **Harveya purpurea**

scarlatina Benth. = **Harveya scarlatina**

squamosa (Thunb.) Harv. = **Harveya squamosa**

BARTSCHIA L. 7645000

trixago (L) Kuntze. = **Bartsia trixago**

BARTSIA L., name conserved 7645000

(1) Hiern. 1904. *FC* 4,2: 419, 420, as '*Bellardia*'.
(2) Hemsley & Skan. 1906. *FTA* 4,2: 458–462.
(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 424, as '*Bellardia*'.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 550.
(5) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 09-06-2002).

capensis (L.) Spreng. = **Bartsia trixago**

scabra (Thunb.) Spreng. = **Alectra sessiliflora** var. **sessiliflora**

trixago L.
Bartschia trixago (L.) Kuntze (1, 2)
B. capensis (L.) Spreng. (1, 2)
Bellardia trixago (L.) All. (2)
Buchnera africana L. (2)
Rhinanthus capensis L. (1, 2)
Trixago apula Stev. (2)
Annual. Herb, parasite. Ht 0.15–0.5 m. Alt ± 1220–± 1500 m. NC, WC, EC

BELLARDIA All. 7646000

trixago (L.) All. = **Bartsia trixago**

BOPUSIA C.Presl 7614010

scabra (L.f.) C.Presl = **Graderia scabra**

subintegra (Mast.) Hiern = **Graderia subintegra**

BUCHNERA L. 7622000

(1) Hiern. 1904. *FC* 4,2: 391–394.
(2) Skan. 1906. In Hemsley & Skan, *FTA* 4: 373–399.
(3) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles* 1916: 611.
(4) Schinz. 1929. In Schinz & Thellung, *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 74: 122, 123.
(5) Merxmüller & Roessler. 1967. *FSWA* 126: 20.
(6) Philcox. 1990. *FZ* 8,2: 96–127.
(7) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 96–162.
(8) Retief & Herman. 1997. *Strelitzia* 6: 606, 607.
(9) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 29-05-2002).

aethiopica L. = **Sutera aethiopica**

africana L. = **Bartsia trixago**

asiatica L. = **Striga asiatica**

aurantiaca Burch. = **Jamesbrittenia aurantiaca**

bilabiata Thunb. = **Striga bilabiata** var. **bilabiata**

brevibractealis Hiern = **B. longespicata**

browniana Schinz = **B. hispida**

capensis L. = **Polycarena capensis**

capitata Burm.f., not of Benth., insufficiently known (1)

cernua L. = **Chascanum cernuum**

ciliolata Engl.
Annual. Herb, parasite. Ht 0.06–± 0.3 m. Alt ± 1370 m. LIM, G, M

coccinea (Hook.) Benth., not of Scopoli = **Striga asiatica**

cuneifolia L.f. = **Chascanum cuneifolium**

dura Benth.
Annual or perennial. Herb, parasite. Ht 0.06–0.6 m. Alt ± 9–2300 m. M, S, FS, KZN, WC, EC

erinoides Jaroscz
Annual. Herb, parasite. Ht 0.05–0.08 m. Alt? Distr.?

foetida Andrews = **Sutera foetida**

gesnerioides Willd. = **Striga gesnerioides**

glabrata Benth. = **B. simplex**

henriquesii Engl.
B. rhodesiana S.Moore (2)
Annual? Herb, parasite. Ht 0.11–0.3 m. Alt? N

hermonthica Delile = **Striga hermonthica**

hispida Buch.-Ham. ex D.Don
B. browniana Schinz (5)
Striga schimperiana Hochst. ex A.Rich. (5)
Annual. Herb, parasite. Ht 0.13–0.6 m. Alt 980–1080 m. N, B

longespicata Schinz
B. brevibractealis Hiern (5)
Annual. Herb, parasite. Ht 0.08–± 0.6 m. Alt 400–1980 m. N, B, LIM, M, S

oppositifolia Hort. ex Steud. = **Sutera hispida**

orobanchoides R.Br., name only = **Striga gesnerioides**

pedunculata Andrews = **Jamesbrittenia argentea**

pinnatifida L.f. = **Chascanum pinnatifidum** var. **pinnatifidum**

randii S.Moore
Annual. Herb, parasite. Ht ± 0.2–0.5 m. Alt? B

reducta Hiern
Annual. Herb, parasite. Ht 0.04–0.5 m. Alt 1400–± 1730 m. B?, LIM, NW, G, M, FS, L

remotiflora Schinz
Biennial or perennial. Herb, parasite. Ht ± 0.35 m. Alt ± 2165 m. LIM

rhodesiana S.Moore = **B. henriquesii**

simplex (Thunb.) Druce
B. glabrata Benth. (3)
Erinus simplex Thunb. (1, 3)
Annual or perennial. Herb, parasite. Ht 0.06–± 0.52 m. Alt 305–2500 m. NW?, G, M, FS?, S?, KZN, L, WC, EC

thunbergii D.Dietr. = **Striga bilabiata** subsp. **bilabiata**

viscosa Aiton = **Sutera caerulea**

BUTTONIA McKen ex Benth. 7611000

(1) Hiern. 1904. *FC* 4,2: 384, 385.
(2) Obermeyer. 1936. *Journal of South African Botany* 2: 163, 164.
(3) Hennessy. 1979. *The Flowering Plants of Africa* 46: t. 1815 (*B. natalensis*).
(4) Philcox. 1990. *FZ* 8,2: 141–143.

hildebrandtii Engl. = **B. natalensis**

natalensis McKen ex Benth.
B. hildebrandtii Engl. (4)
Perennial. Suffrutex, climber or scrambler, parasite. Ht up to ± 3 m. Alt ± 120–± 760 m. S, KZN

superba Oberm.
Perennial. Suffrutex, climber or scrambler, parasite. Ht up to ± 3 m. Alt ± 40–1370 m. LIM, M, S, KZN

CYCNIUM E.Mey. ex Benth. emend. Engl. 7623000

(1) Engler. 1895. *Die Pflanzenwelt Ost-Afrikas und der Nachbargebiete, Deutsch Ost-Afrika* 5, C: 361.
(2) Hiern. 1904. *FC* 4,2: 395–400 as *Cycnium* & *Rhamphicarpa*.
(3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 50 (*C. tubulosum*).
(4) Hansen. 1978. *Dansk Botanisk Arkiv* 32,3: 1–72.
(5) Philcox. 1990. *FZ* 8,2: 137–141.
(6) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 163–172.
(7) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 429, 430.
(8) Retief & Herman. 1997. *Strelitzia* 6: 607.
(9) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 29-05-2002).

adoense Benth. & Hook.f. = **C. adonense**

adonense E.Mey. ex Benth.
C. adoense Benth. & Hook.f. (2)
C. decumbens Gand. (4)
C. pentheri Gand. (4)
C. rectum Gand. (5)
Perennial. Herb, parasite. Ht 0.06–0.15 m. Alt 150–± 2000 m. B, LIM, NW, G, M, S, KZN, EC

decumbens Gand. = **C. adonense**

filicalyx (E.A.Bruce) O.J.Hansen
Rhamphicarpa filicalyx E.A.Bruce (4)
Annual. Herb, parasite. Ht 0.13–0.22 m. Alt? N, B

huttoniae Hiern = **C. racemosum**

kraussianum Benth. = **C. racemosum**

pentheri Gand. = **C. adonense**

racemosum Benth.
C. huttoniae Hiern (4)
C. kraussianum Benth. (1)
C. sandersonii Harv. (1)
Perennial. Herb, parasite. Ht 0.1–1.2 m. Alt 180–3050 m. LIM, M, S, FS, KZN, EC

rectum Gand. = **C. adonense**

sandersonii Harv. = **C. racemosum**

tubatum Benth. = **Harveya speciosa**

tubulosum (L.f.) Engl. subsp. **montanum** (N.E.Br.) Hansen
Rhamphicarpa montana N.E.Br. (7)
Annual? Herb, parasite. Length 0.06–0.23 m. Alt 2135–2440 m. L?

tubulosum (L.f.) Engl. subsp. **tubulosum**
Gerardia tubulosa L.f. (4)
Rhamphicarpa hamata (Engl. & Gilg) Skan (4, 5)
Rhamphicarpa tubulosa (L.f.) Benth. (4)
Perennial, rarely annual. Herb, parasite, often in damp habitats or shallow water. Ht 0.07–0.9 m. Alt 3–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, L?, NC, WC, EC

GERARDIA L. 7604000

dregeana Benth. ex Hochst. = **Sopubia simplex**

nigrina L.f. = **Melasma scabrum** var. **scabrum**

orobanchoides Lam. = **Harveya purpurea**

scabra L.f. = **Graderia scabra**

sessiliflora Vahl = **Alectra sessiliflora** var. **sessiliflora**

tubulosa L.f. = **Cycnium tubulosum** subsp. **tubulosum**

GERARDIINA Engl. 7605000

(1) Hiern. 1904. *FC* 4,2: 378, 379.
(2) Philcox. 1990. *FZ* 8,2: 154–156.
(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 81–85.

angolensis Engl.
Annual or perennial. Herb or suffrutex. Ht ± 0.3–0.8 m. Alt 1220–2140 m. LIM, M, S

GERDARIA C.Presl 7616000

dregeana (Benth. ex Hochst.) C.Presl, name only = **Sopubia simplex**

GLOSSOSTYLIS Cham. & Schltdl. 7597020

avensis Benth. = **Alectra sessiliflora** var. **monticola**

capensis Benth. = **Alectra sessiliflora** var. **sessiliflora**

GRADERIA Benth. 7614000

(1) Hiern. 1904. *FC* 4,2: 388–391, as '*Bopusia*'.
(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 384 (*G. subintegra*).
(3) Melchior. 1932. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 11: 601–605.
(4) Codd. 1964. *Bothalia* 8: 176.
(5) Retief & Herman. 1997. *Strelitzia* 6: 608.

linearifolia Codd
Perennial. Herb. Ht 0.015–± 0.13 m. Alt ± 2255 m. M

scabra (L.f.) Benth.
Bopusia scabra (L.f.) C.Presl (3)
Gerardia scabra L.f. (3)
G. scabra (L.f.) Benth. in part (3)
Melasma? *zeyheri* Hook. (3)
Sopubia scabra (L.f.) G.Don (3)
Perennial. Herb or suffrutex, parasite. Ht 0.08–0.65 m. Alt ± 18–2250 m. G?, M, S, KZN, WC, EC

scabra (L.f.) Benth. in part = **G. scabra**

scabra (L.f.) Benth. in part = **G. subintegra**

subintegra Mast.
Bopusia subintegra (Mast.) Hiern (3)
G. scabra (L.f.) Benth. in part (3)
Perennial. Herb or suffrutex, parasite. Ht 0.06–0.6 m. Alt 670–1985 m. NW, G, M, S

HAEMATOBANCHE C.Presl. 7629000

sanguinea C.Presl = **Hyobanche glabrata**

HARVEYA Hook. 7627000

(1) Hiern. 1904. *FC* 4,2: 400–415.
(2) Ostermeyer. 1910. *Annalen des Kaiserlich-königliche Naturhistorischen Hofmuseums*, Wien 24: 293–326, specifically 325.
(3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 67 (*H. squamosa*).
(4) Smith. 1931. *Kew Bulletin of Miscellaneous Information* 1931: 65–67.
(5) Henderson. 1958. *The Flowering Plants of Africa* 32: t. 1261 (*H. hyobanchoides*).
(6) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 377–384.
(7) Retief & Herman. 1997. *Strelitzia* 6: 608, 609.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 551.
(9) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 29-05-2002).

Note: these are root parasites and, as soil level usually does not show on herbarium specimens, especially on forms with scale leaves, heights are difficult to gauge.

anisodonta C.A.Sm.
Annual? Herb, parasite. Ht up to ± 0.3 m. Alt ± 1600 m. G

bodkinii Hiern
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt ± 1525 m. WC

bolusii Kuntze
Aulaya capensis of authors, not of Drège: Harv. (1838); Hook. (1841); Bernh. (1844) (1)
Orobanche capensis of authors, not of Burm.f.: Thunb. (1800 & 1823); Burch. (1822) (1)
Orobanche purpurea of author, not of L.f. or Thunb.: Sm. (c. 1810) (1)
Perennial. Herb, parasite. Ht 0.05–0.25 m. Alt 305–1555 m. WC, EC

capensis Hook.
H. lactea (Eckl. & Zeyh. ex C.Presl) C.Presl, as '*Harweya*', name only (1)
H. spectabilis (E.Mey. ex Drège) Hook. ex Steud., as '*Harwaya*', name only (1, 9)
Orobanche alectra D.Dietr. (1)
Orobanche lactea Eckl. & Zeyh. ex C.Presl, name only (1)
Orobanche purpurea L.f. var. β Thunb. (1)
Orobanche spectabilis E.Mey. ex Drège, name only (1, 9)
Annual or perennial. Herb, parasite. Ht 0.11–0.65 m. Alt 91–915 m. WC, EC

capensis of author, not of Hook.: Wettst. (1881), figure only, insufficiently known (1)

cathcartensis Kuntze
Annual? Herb, parasite. Ht 0.25–0.4 m. Alt ± 1400 m. EC

coccinea (Harv.) Schltr.
Aulaya coccinea Harv. (1)
Annual? Herb, parasite. Ht 0.01–0.45 m. Alt 4–± 400 m. KZN

crispula Conrath = **H. randii**

euryantha Schltr.
Perennial. Herb, parasite. Ht 0.13–0.3 m. Alt ± 305 m. WC

hirtiflora Schltr.
Annual? Herb, parasite. Ht 0.05–0.2 m. Alt ± 45 m. WC

huttonii Hiern
Annual? Herb, parasite. Ht 0.15–0.4 m. Alt 915–1415 m. EC

hyobanchoides Schltr. ex Hiern
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt ± 460–610 m. EC

lactea (Eckl. & Zeyh. ex C.Presl.) C.Presl, as '*Harweya*', name only = **H. capensis**

laxiflora Hiern
Annual. Herb, parasite. Ht 0.07–0.6 m. Alt 20–800 m. WC

leucopharynx Hilliard & B.L.Burtt
Annual? Herb, parasite. Ht 0.15–0.45 m. Alt 1675–2550 m. KZN, EC

pauciflora (Benth.) Hiern. (species excluded by (8) as no authentic material found)
Aulaya pauciflora Benth. (1)

H. squamosa of author, not of (Thunb.) Steud.: C.Presl (1844), as '*Harweya*' (1)

Annual. Herb, parasite. Ht 0.1–0.3 m. Alt? EC

pratensis (Eckl. & Zeyh. ex C.Presl) C.Presl, as '*Harweya* (*Pseudoharweya*)', name only = **H. purpurea**

pulchra Hilliard & B.L.Burtt

Annual? Herb, parasite. Ht 0.1–± 0.4 m. Alt 1850–2745 m. FS, KZN, L, EC

pumila of author, not of Schltr.: Trauseld (1969) = **H. scarlatina**

pumila Schltr.

Perennial. Herb, parasite. Ht 0.03–0.12 m. Alt 1370–2440 m. G, M, FS, L, EC

purpurea (L.f.) Harv. ex Hook.

Aulaya grandiflora Benth. (1)
Aulaya purpurea (L.f.) Benth. (1)
Gerardia orobanchoides Lam. (1)
H. pratensis (Eckl. & Zeyh. ex C.Presl) C.Presl, as '*Harweya* (*Pseudoharweya*)', name only (1)
Orobanche pratensis Eckl. & Zeyh. ex C.Presl, name only (1)
Orobanche purpurea L.f. (excl. var. β Thunb.) (1)
Orobanche uitenhagensis Eckl. ex Hook. (1)

Annual or perennial. Herb, parasite. Ht 0.05–0.35 m. Alt 0–700 m. WC, EC

randii Hiern

H. crispula Conrath (5)

Annual? Herb, parasite. Ht 0.03–0.1 m. Alt 1070–2250 m. LIM, NW, G, FS?, KZN, NC

scarlatina (Benth.) Hiern

Aulaya scarlatina Benth. (1)
H. pumila of author, not of Schltr.: Trauseld (1969) (5)
Orobanche scarlatina E.Mey. ex Drège, name only (1)

Annual. Herb, parasite. Ht 0.07–0.2 m. Alt 1950–2735 m. KZN, L, EC

silvatica Hilliard & B.L.Burtt

Annual? Herb, parasite. Ht (0.15–)0.4–0.6(–0.8) m. Alt 0–1950 m. LIM, M, S, KZN, EC

speciosa Bernh.

Cycnium tubatum Benth. (1)
H. tubata (E.Mey. ex Drège) Hook. ex Steud., as '*Harwaya*', name only (1)
H. tubata (E.Mey. ex Drège) Reuter, name only (1)
Orobanche tubata E.Mey. ex Drège, name only (1)

Perennial. Herb, parasite. Ht 0.15–± 1 m. Alt 45–± 2600 m. LIM, G?, S, FS, KZN, L, EC

spectabilis (E.Mey. ex Drège) Hook. ex Steud., as '*Harwaya*', name only = **H. capensis**

squamosa of author, not of (Thunb.) Steud.: C.Presl (1844), as '*Harweya*' = **H. pauciflora**

squamosa (Thunb.) Steud., as '*Harwaya*'

Aulaya capensis of author, not of Harv.: Drège (1847) (1)
Aulaya squamosa (Thunb.) Harv. (1)
Orobanche squammata G.Don (misquote of Thunberg's name) (1)
Orobanche squamosa Thunb. (1)
Phelypaea capensis G.Don, as '*Phelipaea*'(1)

Annual or perennial. Herb, parasite. Ht 0.08–0.43 m. Alt ± 450 m. WC

stenosiphon Hiern

Perennial. Herb, parasite. Ht 0.04–0.6 m. Alt 305–1220 m. WC, EC

sulphurea Hiern

Perennial. Herb, parasite. Ht 0.06–0.15 m. Alt 700–1310 m. NC, WC

tubata (E.Mey. ex Drège) Hook. ex Steud., as '*Harwaya*', name only = **H. speciosa**

tubata (E.Mey. ex Drège) Reuter, name only = **H. speciosa**

tubulosa Harv. ex Hiern

Perennial. Herb, parasite. Ht 0.08–0.6 m. Alt 200–760 m. WC, EC

tulbaghensis (Eckl. & Zeyh. ex C.Presl) C.Presl, as '*Harweya* (*Harweyastrum*)', name only, insufficiently known (1)

Orobanche tulbaghensis Eckl. & Zeyh. ex C.Presl, name only (1)

tulbaghiensis Osterm., insufficiently known, probably = **H. tulbaghensis** (9)

varia (E.Mey. ex Drège) Hook. ex C.Presl as '*Harweya*', name only = **Striga gesnerioides**

vestita Hiern

Annual? Herb, parasite. Ht? Alt? 'SA'

HIERNIA S.Moore 7615000

(1) Clarke. 1900. *FTA* 5: 261, 262.
(2) Merxmüller & Roessler. 1967. *FSWA* 126: 24.

Note: genus of uncertain position.

angolensis S.Moore

Perennial. Dwarf shrub or suffrutex, occ. herb. Ht 0.3–0.7 m. Alt 1000–1150 m. N

HYOBANCHE L. 7629000

(1) Hiern. 1904. *FC* 4,2: 415–419.
(2) Schönland. 1913. *Kew Bulletin of Miscellaneous Information* 1913: 301.
(3) Gandoger. 1919. *Bulletin de la Societé Botanique de la France*. 66: 220.
(4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 89 (*H. fulleri*).
(5) Merxmüller & Roessler. 1967. *FSWA* 126: 25.
(6) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 13: 384, 385.
(7) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 10-06-2002).

Note: these plants are root parasites with scale leaves that usually show only the flowers and perhaps the stem apex above ground. Heights given here probably include some underground parts.

atropurpurea Bolus

Annual? Herb, parasite. Ht 0.03–0.1 m. Alt? NC, WC

barklyi N.E.Br.

H. sanguinea of author, not of L.: Range (1935) (5)

Annual? Herb, parasite. Ht 0.05–0.08 m. Alt? N, NC

calvescens Gand., insufficiently known (4)

coccinea L. ex Steud. = **H. sanguinea**

fulleri E.Phillips

Annual? Herb, parasite. Ht 0.04–0.1 m. Alt ± 7.5 m. KZN

glabrata Hiern

Haematobanche sanguinea (L.) C.Presl (1)
H. sanguinea L. var. β *glabra* Benth. (1)
H. sanguinea L. var. β *glabrescens* Drège, name only (1)
H. sanguinea L. var. β Thunb. (1)
H. sanguinea? of Burch. (1822) (1)

Annual? Herb, parasite. Ht 0.03–0.1 m. Alt ± 490–± 1370 m. NC, WC, EC

robusta Schönland

Annual? Herb, parasite. Ht up to 0.23 m. Alt? EC

rubra N.E.Br.

H. sanguinea of author, not of L.: Trauseld (1969) (6)

Annual? Herb, parasite. Ht 0.04–± 0.15 m. Alt 245–± 3000 m. FS, KZN, L, WC, EC

sanguinea L.

H. coccinea L. ex Steud. (1)

Annual? Herb, parasite. Ht 0.02–± 0.25 m. Alt 0–± 2440 m. NC, WC, EC

sanguinea L. var. *β glabra* Benth. = **H. glabrata**

sanguinea L. var. *β glabrescens* Drège, name only = **H. glabrata**

sanguinea L. var. *β* Thunb. = **H. glabrata**

sanguinea of author, not of L.: Range (1935) = **H. barklyi**

sanguinea of author, not of L.: Thunb. (1792) = **Cytinus sanguineus**

sanguinea of author, not of L.: Trauseld (1969) = **H. rubra**

sanguinea? of Burch. (1822) = **H. glabrata**

MACROSIPHON Hochst. 7624010

fistulosus Hochst. = **Rhamphicarpa fistulosa**

MELASMA P.J.Bergius 7597000

(1) Hiern. 1904. *FC* 4,2: 371–378.
(2) Melchior. 1940. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15: 119–127.
(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 77–81.

barbatum Hiern = **Alectra sessiliflora** var. **sessiliflora**

basuticum E.Phillips = **Alectra basutica**

capense (Thunb.) Hiern = **Alectra capensis**

indicum (Benth.) Wettst. = **Alectra sessiliflora** var. **monticola**

indicum (Benth.) Wettst. var. *monticolum* Engl. = **Alectra sessiliflora** var. **monticola**

indicum Hiern not *Alectra indica* Benth. = **Alectra lancifolia**

luridum (Harv.) Hiern = **Alectra lurida**

natalense Hiern = **Alectra natalensis**

orobanchoides (Benth.) Engl. = **Alectra orobanchoides**

ovatum E.Mey. ex Benth. = **Melasma scabrum** var. **ovatum**

pictum Hiern = **Alectra picta**

scabrum P.J.Bergius var. **ovatum** (E.Mey. ex Benth.) Hiern
M. ovatum E.Mey. ex Benth. (2)
Nigrina ovatum (E.Mey. ex Benth.) Kuntze (2)
Perennial? Herb, parasite. Ht? Alt? M?, KZN, EC

scabrum P.J.Bergius var. **scabrum**
Gerardia nigrina L.f. (1)
Nigrina viscosa L. (1)
Perennial. Herb, parasite. Ht 0.2–1 m. Alt 305–± 2500 m. LIM, NW, M, S, FS, KZN, L, WC, EC

sessiliflorum (Vahl) Hiern = **Alectra sessiliflora** var. **sessiliflora**

welwitschii Hiern = **Alectra welwitschii**

zeyheri Hook., as '*Melasma*?' = **Graderia scabra**

NIGRINA L. 7597000

ovatum (E.Mey. ex Benth.) Kuntze = **Melasma scabrum** var. **ovatum**

orobanchoides (Benth.) Kuntze as '*orobanchodes*' = **Alectra orobanchoides**

sessiliflora (Vahl) Kuntze in part = **Alectra sessiliflora** var. **monticola**

sessiliflora (Vahl) Kuntze in part = **Alectra sessiliflora** var. **sessiliflora**

viscosa L. = **Melasma scabrum** var. **scabrum**

OROBANCHE L. 7791000

(1) Hiern. 1904. *FC* 4,2: 403.
(2) Hiern & Stapf. 1904. *FC* 4,2: 421, 422.
(3) Stapf. 1906. *FTA* 4,2: 464–468.
(4) Graham. 1957. *FTEA* Orobanchaceae: 1–7.
(5) Philcox. 1990. *FZ* 8,2: 160, 161.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 448.
(7) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 11-06-2002).

alectra D.Dietr. = **Harveya capensis**

capensis of authors, not of Burm.f.: Thunb. (1800 & 1823); Burch. (1822) = **Harveya bolusii**

heyniae Dinter = **Alectra orobanchoides**

interrupta Pers., insufficiently known (7)
O. ramosa of author, not of L.: Thunb. (1800) (7)

lactea Eckl. & Zeyh. ex C.Presl, name only. = **Harveya capensis**

minor of author, not of Sm.: Thunb (1800 & 1823), insufficiently known (2)

***minor** Sm. (author often given as Sutton in older literature)
Annual. Herb, parasite. Ht 0.1–± 0.4 m. Alt ± 18 m. N, EC, WC

parviflora E.Mey. ex Drège, name only = **Alectra orobanchoides**

pratensis Eckl. & Zeyh. ex C.Presl, name only = **Harveya purpurea**

pseudobarleriae Dinter = **Alectra pseudobarleriae**

purpurea L.f. (excl. var. *β* Thunb.) = **Harveya purpurea**

purpurea L.f. var. *β* Thunb. = **Harveya capensis**

purpurea of author, not of L.f. or Thunb.: Sm. (c. 1810) = **Harveya bolusii**

***ramosa** L. var. **ramosa**
Phelypaea ramosa (L.) C.A.Mey., as '*Phelipaea*' (2)
Annual. Herb, parasite. Ht 0.08–0.3 m. Alt 20–1830 m. N, LIM, M, NC, WC

ramosa of author, not of L.: Thunb. (1800) = **O. interrupta**

scarlatina E.Mey. ex Drège, name only = **Harveya scarlatina**

spectabilis E.Mey. ex Drège, name only = **Harveya capensis**

squammata G.Don (misquote of Thunberg's name) = **Harveya squamosa**

squamosa Thunb. = **Harveya squamosa**

tubata E.Mey. ex Drège, name only = **Harveya speciosa**

tulbaghensis Eckl. & Zeyh. ex C.Presl, name only = **Harveya tulbaghensis**

uitenhagensis Eckl. ex Hook. = **Harveya purpurea**

varia E.Mey. ex Drège, name only = **Striga gesnerioides**

PHELYPAEA Tourn. ex L. 7788000

capensis G.Don, as '*Phelipaea*' = **Harveya squamosa**

ramosa (L.) C.A.Mey, as '*Phelipaea*' = **Orobanche ramosa**

RAPHIDOPHYLLUM Hochst. 7616010

simplex Hochst. = **Sopubia simplex**

RHAMPHICARPA Benth. emended Engl. 7624000

(1) Hansen. 1976 ('1975'). *Botanisk Tidsskrift* 70, 2–3: 103–125.
(2) Philcox. 1990. *FZ* 8,2: 135–137.
(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41, 1: 172–174.

brevipedicellata O.J.Hansen
R. fistulosa of author, not of (Hochst.) Benth.: Hiern (1904) in part (1)
Annual. Herb, parasite. Ht 0.08–± 0.45 m. Alt ± 600–2000 m. B, LIM, M, S, KZN

filicalyx E.A.Bruce = **Cycnium filicalyx**

fistulosa (Hochst.) Benth. (excl. synonym *Macrosiphon elongatus* Hochst.)
Macrosiphon fistulosus Hochst. (1)
Annual. Herb, parasite. Ht 0.09–0.6 m. Alt 150–1530 m. B, LIM, M, S

fistulosa of author, not of (Hochst.) Benth.: Hiern (1904) in part = **R. brevipedicellata**

hamata (Engl. & Gilg) Skan = **Cycnium tubulosum** subsp. **tubulosum**

montana N.E.Br. = **Cycnium tubulosum** subsp. **montanum**

tubulosa (L.f.) Benth. = **Cycnium tubulosum** subsp. **tubulosum**

RHINANTHUS L. 7647000

capensis L. = **Bartsia trixago**

scaber Thunb. = **Alectra sessiliflora** var. **sessiliflora**

SOPUBIA Buch.-Ham. ex D.Don 7616000

(1) Hiern. 1904. *FC* 4,2: 385–388.
(2) Hemsley & Skan. 1906. *FTA* 4,2: 444–456.
(3) Hepper. 1960. *Kew Bulletin* 14: 402–416.
(4) Hansen. 1975. *Kew Bulletin* 30: 543–558.
(5) Philcox. 1990. *FZ* 8,2: 143–149.
(6) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 199–220.
(7) Retief & Herman. 1997. *Strelitzia* 6: 614.
(8) Hoffmann & Fischer. 1998. *Adansonia* Sér. 3, 20(2): 299–312 ('all *Sopubia* species to date are hemiparasites').
(9) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 29-05-2002).

cana Harv. var. **cana**
Perennial. Herb, parasite. Ht (0.1–)0.15–± 0.6 m. Alt 1000–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

cana Harv. var. **glabrescens** Diels
Perennial. Herb, parasite. Ht 0.25–0.45 m. Alt 1370–± 2000 m. LIM, NW, G, M, S?

dregeana (Benth. ex Hochst.) Benth. in part, illegitimate name = **S. simplex**

dregeana (Benth. ex Hochst.) Benth. var. *tenuifolia* Engl. & Gilg = **S. mannii** var. **tenuifolia**

eenii S.Moore = **Gomphostigma virgatum**

fastigiata Hiern = **S. karaguensis** var. **karaguensis**

karaguensis Oliv. var. **karaguensis**
S. fastigiata Hiern (4)
Perennial. Herb or suffrutex, parasite. Ht 0.19–0.45 m. Alt 550–1220 m. S, KZN

mannii Skan var. **tenuifolia** (Engl. & Gilg) Hepper
S. dregeana (Benth. ex Hochst.) Benth. var. *tenuifolia* Engl. & Gilg (3)
S. trifida Buch.-Ham. ex D.Don forma *humilis* Engl. & Gilg (excluding synonym *S. decumbens* Hiern) (3)
Perennial. Herb, parasite. Ht 0.18–0.64 m. Alt 940–2050 m. N, B, M, FS?, S?, KZN?, L?, EC?

scabra (L.f.) G.Don = **Graderia scabra**

simplex (Hochst.) Hochst.
Gerardia dregeana Benth. ex Hochst. (1)
Gerdaria dregeana (Benth. ex Hochst.) C.Presl, name only (1)
Raphidophyllum simplex Hochst. (4)
S. dregeana (Benth. ex Hochst.) Benth. in part, illegitimate name (4)
Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt ± 30–1555 m. LIM, G, M, S, KZN, EC

trifida Buch.-Ham. ex D.Don forma *humilis* Engl. & Gilg (excluding synonym *S. decumbens* Hiern) = **S. mannii** var. **tenuifolia**

STRIGA Lour. 7625000

(1) Hiern. 1904. *FC* 4,2: 379–384
(2) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 907 (*S. elegans*).
(3) Merxmüller & Roessler. 1967. *FSWA* 126: 41–43.
(4) Hepper. 1990. *FZ* 8,2: 127–135.
(5) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 174–195.
(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 442, 443.
(7) Retief & Herman. 1997. *Strelitzia* 6: 614, 615.
(8) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 13-06-2002).

asiatica (L.) Kuntze
Buchnera asiatica L. (4)
Buchnera coccinea (Hook.) Benth., not of Scopoli (1, 4)
S. coccinea (Hook.) Benth. (1, 4)
S. hirsuta Benth. (1, 4)
S. lutea Lour. (4)
S. lutea Lour. var. *coccinea* (Hook.) Kuntze (1, 4)
Annual. Herb, parasite. Ht 0.05–0.45 m. Alt 170–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

bilabiata (Thunb.) Kuntze subsp. **bilabiata**
Buchnera bilabiata Thunb. (3)
Buchnera thunbergii D.Dietr. (1, 3)
S. thunbergii Benth. (3)
Annual or perennial. Herb, parasite. Ht 0.07–± 0.6 m. Alt ± 30–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

chloroleuca Dinter = **S. gesnerioides**

coccinea (Hook.) Benth. = **S. asiatica**

elegans Benth.
Annual. Herb, parasite. Ht 0.06–0.4 m. Alt ± 55–2425 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

forbesii Benth.
Annual. Herb, parasite. Ht 0.15–0.6 m. Alt 60–1160 m. N, B, LIM, NW, G, M, S, KZN

gesnerioides (Willd.) Vatke ex Engl.
Buchnera gesnerioides Willd. (3)
Buchnera orobanchoides R.Br., name only (4)
Harveya varia (E.Mey. ex Drège) Hook. ex C.Presl as '*Harweya*', name only (1, 4)
Orobanche varia E.Mey. ex Drège, name only (1, 4)
S. chloroleuca Dinter (3)
S. orobanchoides (R.Br.) Benth. (4)
Perennial. Herb, parasite. Ht 0.04–0.6 m. Alt 4–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

hermonthica (Delile) Benth.
Buchnera hermonthica Delile (3)
Annual. Herb, parasite. Ht 0.4–0.6 m. Alt? N

hirsuta Benth. = **S. asiatica**

junodii Schinz
Annual? Herb, parasite. Ht 0.28–± 0.6 m. Alt 45–610 m. M, KZN

lutea Lour. = **S. asiatica**

lutea Lour. var. *coccinea* (Hook.) Kuntze = **S. asiatica**

orobanchoides (R.Br.) Benth. = **S. gesnerioides**

schimperiana Hochst. ex A.Rich. = **Buchnera hispida**

thunbergii Benth. = **S. bilabiata** var. **bilabiata**

thunbergii Benth. var. *β* **grandiflora** Benth., insufficiently known (1)

TRIXAGO Stev. 7646000

apula Stev. = **Bartsia trixago**

OXALIDACEAE

Compiled by L.L. Dreyer & M.C. Makgakga

BIOPHYTUM DC. 3937000

(1) Exell. 1963. *Flora zambesiaca* 2: 156–162.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 107.

abyssinicum Steud. ex A.Rich.
B. reinwardtii (Zucc.) Klotzsch (1)
B. reinwardtii (Zucc.) Klotzsch subsp. *abyssinicum* (Steud. ex A.Rich.) Steenis (1)
Annual. Herb. Ht? Alt? N

reinwardtii (Zucc.) Klotzsch = **B. abyssinicum**

reinwardtii (Zucc.) Klotzsch subsp. *abyssinicum* (Steud. ex A.Rich.) Steenis = **B. abyssinicum**

OXALIS L. 3936000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 153.
(2) Salter. 1935. *The Flowering Plants of South Africa* 15: t. 579.
(3) Salter. 1944. *Journal of South African Botany* Suppl. Vol. 1: 1–355.
(4) Salter. 1951. *The Flowering Plants of Africa* 28: t. 1094.
(5) Marais. 1957. *The Flowering Plants of Africa* 32: t. 1258.
(6) Salter. 1958. *The Flowering Plants of Africa* 32: tt. 1275–1277.
(7) Salter. 1959. *The Flowering Plants of Africa* 33: tt. 1297–1298, 1303A–C.
(8) Salter. 1961. *The Flowering Plants of Africa* 34: tt. 1323, 1324.
(9) Salter. 1961. *The Flowering Plants of Africa* 34: tt. 1336, 1337, 1349A, 1349B.
(10) Salter. 1962. *The Flowering Plants of Africa* 35: tt. 1362–1364.
(11) Merxmüller. 1966. *FSWA* 63: 2–8.
(12) Schreiber. 1967. *Botanische Jahrbücher* 86: 293–308.
(13) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1850.
(14) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1929.
(15) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 107.
(16) Bayer. 1992. *Herbertia* 48: 58–69.
(17) Oliver. 1993. *Bothalia* 23: 72–74.
(18) Watson. 1997. *European garden flora* 5: 18–26.
(19) Dreyer & Van Wyk. 1998. *Grana* 37: 337–342.
(20) Williamson. 1999. *Aloe* 36: 68–70.
(21) Bayer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 552–560.
(22) Dreyer & Johnson. 2000. *South African Journal of Botany* 66: 130–132.
(23) Oberlander *et al.* 2002. *Bothalia* 32: 97–100.

adenodes Sond.
O. aureo-ciliata F.Bolus (3)
O. ipomaeiflora Schltr. ex R.Knuth (3)
Perennial. Geophyte. Ht 0.03–0.08 m. Alt? NC

adspersa Eckl. & Zeyh.
O. angusta Sond. (3)
O. florida E.Mey. ex Sond. (3)
O. meyeri Sond. (3)
O. pallida T.M.Salter & Exell (3)
O. pillosella R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 200–400 m. WC

aemula Schltr. ex R.Knuth = **O. purpurea**

albella R.Knuth = **O. pseudo-cernua**

albiuscula T.M.Salter
Perennial. Geophyte. Ht 0.02–0.03 m. Alt 152–976 m. NC

algoensis Eckl. & Zeyh.
O. collina Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.04–0.12 m. Alt 152–976 m. EC

ambigua Jacq.
O. rubroflora Jacq. (3)
Perennial. Geophyte. Ht 0.04–0.12 m. Alt 580–671 m. NC, WC

amblyodonta T.M.Salter
Perennial. Geophyte. Ht 0.05–0.14 m. Alt 250–500 m. WC

amblyosepala Schltr.
Perennial. Geophyte. Ht 0.05–0.1 m. Alt ± 300 m. WC

amoena Jacq. = **O. polyphylla** var. **polyphylla**

anemonoides Eckl. & Zeyh. = **O. heterophylla**

angusta Sond. = **O. adspersa**

annae F.Bolus
O. bella R.Knuth (3)
Perennial. Geophyte. Ht 0.02–0.06 m. Alt 400–600 m. NC, WC

anomala T.M.Salter
Perennial. Geophyte. Ht 0.12–0.18 m. Alt 500–600 m. WC

approximata Sond. = **O. eckloniana** var. **sonderi**

arenosa F.Bolus = **O. recticaulis**

argillacea F.Bolus
Perennial. Geophyte. Ht 0.05–0.09 m. Alt 200–500 m. NC, WC

argyrophylla T.M.Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 100–200 m. WC

aridicola T.M.Salter
Perennial. Geophyte. Ht 0.05–0.13 m. Alt 400–500 m. WC

asinina Jacq. = **O. fabifolia**

atrata Weintroub = **O. obtusa**

attaquana T.M.Salter
Perennial. Geophyte. Ht 0.05–0.13 m. Alt up to 600 m. WC

aurea Schltr.
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 200–300 m. WC

aureo-ciliata F.Bolus = **O. adenodes**

ausensis R.Knuth
Perennial. Geophyte. Ht 0.02–0.04 m. Alt? N, NC

austro-orientalis R.Knuth ex Engl., naked name = **O. extensa**

balsamifera E.Mey. ex Sond. = **O. luteola**

bella R.Knuth = **O. annae**

beneprotecta Dinter ex R.Knuth
O. bullulata T.M.Salter (11)
O. parvicormus Dinter (11)
O. pulchella Jacq. var. *beneprotecta* (R.Knuth) T.M.Salter (12)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt? KZN, NC, WC, EC

bifida Thunb.
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–200 m. WC

bifolia Eckl. & Zeyh. = **O. eckloniana** var. **sonderi**

bifurca Lodd. var. **angustiloba** Sond.
O. bifurca Lodd. var. *incana* Eckl. & Zeyh. (3)
O. incana Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 153–1769 m. EC

bifurca Lodd. var. **bifurca**
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? EC

bifurca Lodd. var. *incana* Eckl. & Zeyh. = **O. bifurca** var. **angustiloba**

blastorrhiza T.M.Salter
Perennial. Geophyte. Ht 0.03–0.06 m. Alt? NC

bowiei Lindl.
O. purpurata Lindl. var. *bowiei* (Lindl.) Sond. (3)
O. vigilans L.Bolus (3)
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–300 m. KZN, EC

brachycarpa Schltr. = **O. pallens**

brevicaulis Sond. = **O. hirta** var. **hirta**

breviscapa Jacq. = **O. purpurea**

bullulata T.M.Salter = **O. beneprotecta**

burkei Sond.
Perennial. Geophyte. Ht 0.03–0.1 m. Alt 300–600 m. WC

burkei Sond. var. *multiglandulosa* Sond. = **O. pardalis**

burtoniae T.M.Salter
Perennial. Geophyte. Ht 0.06–0.17 m. Alt 100–200 m. WC

calligera Sond. = **O. foveolata**

callimarginata Weintroub = **O. goniorrhiza**

callosa R.Knuth
O. oculata T.M.Salter (3)
Perennial. Geophyte. Ht 0.02–0.09 m. Alt ± 500 m. WC

calvinensis R.Knuth
Perennial. Geophyte. Ht 0.04–0.06 m. Alt? WC

camelopardalis T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

campicola T.M.Salter
Perennial. Geophyte. Ht 0.01–0.07 m. Alt ± 518 m. NC

campylorrhiza T.M.Salter
Perennial. Geophyte. Ht 0.05–0.15 m. Alt ± 986 m. NC, WC

capillacea E.Mey. ex Sond.
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

caprina L.
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 50–200 m. WC

caprina Eckl. & Zeyh. = **O. livida** var. **altior**

cathara T.M.Salter
Perennial. Geophyte. Ht 0.05–0.2 m. Alt ± 305 m. NC

cernua Thunb. = **O. pes-caprae** var. **pes-caprae**

ciliariflora Eckl. & Zeyh. = **O. obtusa**

ciliaris Jacq. var. **ciliaris**
O. mundtii Sond. (3)
Perennial. Geophyte. Ht 0.03–0.3 m. Alt 300–600 m. WC

ciliaris Jacq. var. **pageae** (L.Bolus) T.M.Salter
O. pageae L.Bolus (3)
Perennial. Geophyte. Ht 0.03–0.3 m. Alt 300–600 m. WC

clavifolia Sond.
Perennial. Geophyte. Ht 0.05–0.2 m. Alt? NC

collina Eckl. & Zeyh. = **O. algoensis**

commutata Sond. var. **commutata**
O. tenella Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m. WC

commutata Sond. var. **concolor** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m. WC

commutata Sond. var. **montana** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m. WC

commutata Sond. var. *pusilla* R.Knuth = **O. depressa**

comosa E.Mey. ex Sond.
Perennial. Geophyte. Ht 0.3–0.8 m. Alt 915–1464 m. NC

compressa L.f. var. **compressa**
Perennial. Geophyte. Ht 0.12–0.25 m. Alt 100–200 m. WC

compressa L.f. var. **purpurascens** T.M.Salter
Perennial. Geophyte. Ht 0.12–0.25 m. Alt 100–200 m. WC

comptonii T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC

confertifolia (Kuntze) R.Knuth
O. densifolia Sond. (3)
O. densifolia Turcz. (3)
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

convexula Jacq.
Perennial. Geophyte, succulent. Ht 0.04–0.14 m. Alt? WC

convexula Jacq. var. *dilatata* Eckl. & Zeyh. = **O. depressa**

copiosa F.Bolus
Perennial. Geophyte. Ht 0.06–0.14 m. Alt 1224–1329 m. NC

***corniculata** L.
O. repens Thunb. (3)
Annual. Herb. Ht 0.02–0.05 m. Alt? B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

creaseyi T.M.Salter
Perennial. Geophyte. Ht 0.03–0.04 m. Alt? NC

crispula Sond.
Perennial. Geophyte. Ht 0.03–0.05 m. Alt? NC

crocea T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC

cuneata Jacq.
Perennial. Geophyte. Ht 0.04–0.08 m. Alt? NC

cuprea Lodd. = **O. obtusa**

dammeriana Schltr. = **O. depressa**

davyana R.Knuth
O. galpinii Burtt Davy (3)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 1300–1372 m. M

decipiens Schltr. = **O. purpurea**

decora R.Knuth = **O. tenella**

densa N.E.Br.
Perennial. Geophyte. Ht 0.02–0.04 m. Alt 730–1130 m. NC, WC

densifolia Sond. = **O. confertifolia**

densifolia Turcz. = **O. confertifolia**

dentata Jacq. = **O. livida** var. **altior**

denticulata Wolley-Dod = **O. nidulans** var. **denticulata**

depressa Eckl. & Zeyh.
O. commutata Sond. var. *pusilla* R.Knuth (3)
O. convexula Jacq. var. *dilatata* Eckl. & Zeyh. (3)
O. dammeriana Schltr. (3)
O. otaviensis R.Knuth (3)
Perennial. Geophyte. Ht 0.04–0.12 m. Alt? B, LIM, NW, G, M, S, FS, KZN, NC, EC

deserticola T.M.Salter
Perennial. Geophyte. Ht 0.05–0.18 m. Alt? NC

dichotoma T.M.Salter
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 400–600 m. WC

dilatata L.Bolus
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 200–400 m. WC, EC

dines Ornduff
O. disticha Jacq. var. *alba* T.M.Salter (12)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? EC

disticha Jacq.
Perennial. Geophyte. Ht 0.03–0.04 m. Alt 180–400 m. WC

disticha Jacq. var. *alba* T.M.Salter = **O. dines**

divergens Eckl. & Zeyh. = **O. tenella**

dregei Sond.
Perennial. Geophyte. Ht 0.03–0.05 m. Alt 300–500 m. NC, WC

droseroides E.Mey. ex Sond.
O. saronensis F.Bolus (3)
O. semiglandulosa Sond. (3)
Perennial. Geophyte. Ht 0.07–0.15 m. Alt 300–500 m. WC

duriuscula Schltr.
Perennial. Geophyte. Ht 0.05–0.22 m. Alt 100–500 m. WC

ebracteata Savign.
O. laxa E.Mey. (3)
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 300–500 m. WC

eckloniana C.Presl var. **eckloniana**
O. salmonicolor Schltr. (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC

eckloniana C.Presl var. **hopefieldiana** R.Knuth
O. purpurea Thunb. var. *hopefieldiana* R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC

eckloniana C.Presl var. **montigena** (Schltr.) R.Knuth
O. purpurea Thunb. var. *montigena* (Schltr.) R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC

eckloniana C.Presl var. **robusta** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC

eckloniana C.Presl var. **sonderi** T.M.Salter
O. approximata Sond. (3)
O. bifolia Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–200 m. WC

edwardsiae F.Bolus = **O. pulchella** var. **glauca**

engleriana Schltr.
O. guthriei F.Bolus (3)
Perennial. Geophyte. Ht 0.08–0.15 m. Alt 150–300 m. NC, WC

exserta T.M.Salter
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 1706 m. NC

extensa T.M.Salter
O. austro-orientalis R.Knuth ex Engl., naked name (11)
Perennial. Geophyte. Ht 0.04–0.07 m. Alt? NC

fabifolia Jacq.
O. asinina Jacq. (3)
Perennial. Geophyte, succulent. Ht 0.05–0.15 m. Alt 255–403 m. NC

falcata Sond. = **O. falcatula**

falcatula T.M.Salter
O. falcata Sond. (3)
Perennial. Geophyte. Ht 0.1–0.18 m. Alt 75–200 m. WC

fergusonae T.M.Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 300–600 m. WC, EC

fibrosa F.Bolus
Perennial. Geophyte. Ht up to 0.07 m. Alt 400–600 m. WC, EC

filifolia Jacq. = **O. polyphylla** var. **polyphylla**

fimbriata E.Phillips = **O. obtusa**

flabellifolia Jacq. = **O. flava**

flava L.
O. flabellifolia Jacq. (3)
O. lupinifolia Jacq. (3)
O. pectinata Jacq. (3)
Perennial. Geophyte. Ht 0.03–0.25 m. Alt 50–600 m. NC, WC, EC

flava L. var. *trifoliata* E.Mey. = **O. flaviuscula**

flaviuscula T.M.Salter
O. flava L. var. *trifoliata* E.Mey. (3)
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 1106 m. NC

florida E.Mey. ex Sond. = **O. adspersa**

fourcadei T.M.Salter
Perennial. Geophyte. Ht 0.04–0.06 m. Alt ± 945 m. WC, EC

foveolata Turcz.
O. calligera Sond. (3)
Perennial. Geophyte. Ht 0.01–0.03 m. Alt? NC

fragilis T.M.Salter
Perennial. Geophyte. Ht 0.01–0.1 m. Alt ± 170 m. WC

framesii L.Bolus = **O. obtusa**

furcillata T.M.Salter var. **caulescens** T.M.Salter
Perennial. Geophyte. Ht 0.06–0.08 m. Alt ± 1106 m. NC

furcillata T.M.Salter var. **furcillata**
Perennial. Geophyte. Ht 0.06–0.08 m. Alt ± 1067 m. NC

galpinii Burtt Davy = **O. davyana**

galpinii Schltr. = **O. smithiana**

giftbergensis T.M.Salter
Perennial. Geophyte. Ht 0.02–0.2 m. Alt ± 500 m. WC

glabra Thunb.
O. stenocarpa Schltr. (3)
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 50–300 m. WC

glandulosa Jacq. = **O. recticaulis**

glaucoides R.Knuth = **O. recticaulis**

glaucovirens Sond. = **O. stenoptera** var. **stenoptera**

goniorrhiza Eckl. & Zeyh.
O. callimarginata Weintroub (16)
O. urbaniana Schltr. (16)
Perennial. Geophyte. Ht 0.08–0.12 m. Alt 50–300 m. WC

gracilipes Schltr.
Perennial. Geophyte. Ht 0.05–0.11 m. Alt 100–200 m. WC

gracilis Jacq. var. **gracilis**
O. teretifolia Jacq. (3)
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m. NC, WC

gracilis Jacq. var. **lilacea** T.M.Salter
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m. NC, WC

gracilis Jacq. var. **purpurea** T.M.Salter
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m. NC, WC

grammopetala Sond.
Perennial. Geophyte. Ht 0.01–0.04 m. Alt 880–1067 m. NC

grammophylla T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

guthriei F.Bolus = **O. engleriana**

haedulipes T.M.Salter
Perennial. Geophyte. Ht 0.15–0.2 m. Alt 740–1373 m. N, NW, FS, NC, EC

halenbergensis Dinter = **O. luederitzii**

heidelbergensis T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

helicoides T.M.Salter var. **alba** T.M.Salter
Perennial. Geophyte. Ht 0.07–0.12 m. Alt ± 610 m. NC, WC

helicoides T.M.Salter var. **helicoides**
Perennial. Geophyte. Ht 0.07–0.12 m. Alt ± 610 m. NC, WC

heterophylla DC.
O. anemonoides Eckl. & Zeyh. (3)
O. lightfootii E.Phillips (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–400 m. NC, WC

hirsuta Sond.
Perennial. Geophyte. Ht 0.02–0.05 m. Alt? NC

hirta L. var. **canescens** R.Knuth
Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **hirta**
O. brevicaulis Sond. (3)
O. multiflora Jacq. (3)
O. reptatrix Jacq. (3)
O. rubella Jacq. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 50–300 m. WC

hirta L. var. **intermedia** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–300 m. WC

hirta L. var. **polioeides** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. NC, WC

hirta L. var. **secunda** (Jacq.) T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **tenuicaulis** R.Knuth
Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **tubiflora** (Jacq.) T.M.Salter
O. tubiflora Jacq. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–300 m. WC

humilis Thunb. = **O. purpurea**

imbricata Eckl. & Zeyh. var. **cuneifolia** T.M.Salter
Perennial. Geophyte. Ht? Alt 50–300 m. WC, EC

imbricata Eckl. & Zeyh. var. **imbricata**
Perennial. Geophyte. Ht? Alt 50–300 m. WC, EC

imbricata Eckl. & Zeyh. var. **violacea** R.Knuth
Perennial. Geophyte. Ht 0.03–0.14 m. Alt 50–300 m. EC

inaequalis Weintroub
Perennial. Geophyte. Ht 0.02–0.03 m. Alt? EC

incana Eckl. & Zeyh. = **O. bifurca** var. **angustiloba**

incarnata L.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 50–300 m. WC, EC

inconspicua T.M.Salter
Perennial. Geophyte. Ht 0.01–0.06 m. Alt ± 899 m. NC

involuta T.M.Salter
Perennial. Geophyte. Ht 0.01–0.02 m. Alt ± 175 m. WC

ioeides T.M.Salter & Exell
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 600 m. WC

ipomaeiflora Schltr. ex R.Knuth = **O. adenodes**

kamiesbergensis T.M.Salter
Perennial. Geophyte. Ht 0.02–0.03 m. Alt 350–500 m. NC

knuthiana Dinter ex Range = **O. luederitzii**

knuthiana T.M.Salter
Perennial. Geophyte. Ht 0.2–0.3 m. Alt 400–500 m. NC

kubusensis R.Knuth = **O. luederitzii**

laburnifolia Jacq. = **O. purpurea**

lacunosa Eckl. & Zeyh. = **O. obtusa**

lanata L.f. var. **lanata**
Perennial. Geophyte. Ht 0.06–0.13 m. Alt 50–300 m. WC

lanata L.f. var. **rosea** T.M.Salter
Perennial. Geophyte. Ht 0.06–0.13 m. Alt 50–300 m. WC

lasiorrhiza T.M.Salter
Perennial. Geophyte. Ht 0.01–0.04 m. Alt? NC

lateriflora Jacq. = **O. livida** var. **altior**

***latifolia** Humb., Bonpl. & Kunth
Perennial. Geophyte. Ht 0.15–0.25 m. Alt ± 1830 m. M, FS, KZN, EC

lawsonii F.Bolus
O. seineri R.Knuth (3)
Perennial. Geophyte. Ht 0.04–0.05 m. Alt 915–1180 m. N, NW, FS, NC

laxa E.Mey. = **O. ebracteata**

laxicaulis R.Knuth
Perennial. Geophyte. Ht 0.1–0.16 m. Alt ± 140 m. N, NC, WC

leipoldtii Schltr.
Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 350 m. WC

leptocalyx Sond.
Perennial. Geophyte. Ht 0.08–0.18 m. Alt ± 130 m. WC

leptogramma T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

leucotricha Turcz. = **O. pulchella** var. **leucotricha**

levis T.M.Salter
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 120–160 m. WC

lichenoides T.M.Salter
Perennial. Geophyte. Ht 0.01–0.04 m. Alt 179–1676 m. NC, WC

lightfootii Phillips = **O. heterophylla**

lindaviana Schltr.
Perennial. Geophyte. Ht 0.02–0.24 m. Alt 250–350 m. WC

linearis Jacq.
O. polytricha Sond. (3)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt 200–350 m. NC, WC

lineolata T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

livida Jacq. var. **altior** T.M.Salter
O. caprina Eckl. & Zeyh. (16)
O. dentata Jacq. (16)
O. lateriflora Jacq. (16)
O. livida Jacq. var. *dentata* (Jacq.) R.Knuth (16)
O. phellandroides E.Mey. ex Meisn. (16)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt 80–300 m. WC

livida Jacq. var. *dentata* (Jacq.) R.Knuth = **O. livida** var. **altior**

livida Jacq. var. **livida**
Perennial. Geophyte. Ht 0.02–0.2 m. Alt 80–300 m. WC

loddigesiana Eckl. & Zeyh. = **O. tenuifolia**

louisae T.M.Salter
Perennial. Geophyte, succulent. Ht 0.05–0.14 m. Alt ± 730 m. NC

luederitzii Schinz
O. halenbergensis Dinter (3)
O. knuthiana Dinter ex Range (11)
O. kubusensis R.Knuth (3)
O. pusilla R.Knuth in part (3)
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–100 m. N

lupinifolia Jacq. = **O. flava**

luteola Jacq.
O. balsamifera E.Mey. ex Sond. (3)
Perennial. Geophyte. Ht 0.05–0.08 m. Alt 100–300 m. WC

macra Schltr.
Perennial. Geophyte. Ht 0.08–0.14 m. Alt ± 500 m. WC

mairei R.Knuth ex Engl., naked name = **O. pes-caprae** var. **pes-caprae**

mallyi Schltr. ex R.Knuth = **O. phloxidifora**

marlothii Schltr. ex R.Knuth
Perennial. Geophyte. Ht 0.05–0.19 m. Alt? WC

massoniana T.M.Salter var. **flavescens** T.M.Salter
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

massoniana T.M.Salter var. **massoniana**
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

meisneri Sond.
Perennial. Geophyte. Ht 0.05–0.16 m. Alt 300–350 m. WC

melanograpta T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

melanosticta Sond. var. **latifolia** T.M.Salter
Perennial. Geophyte. Ht 0.02–0.14 m. Alt 500–600 m. WC

melanosticta Sond. var. **melanosticta**
Perennial. Geophyte. Ht 0.02–0.14 m. Alt 500–600 m. WC

membranacea Weintroub = **O. obtusa**

meyeri Sond. = **O. adspersa**

microdonta T.M.Salter
Perennial. Geophyte. Ht 0.05–0.08 m. Alt ± 350 m. WC

minima Sond. = **O. sonderiana**

minuta Thunb.
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC

monophylla L. var. **minor** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m. WC

monophylla L. var. **monophylla**
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m. WC

monophylla L. var. **rotundifolia** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m. WC

monophylla L. var. **stenophylla** (Meisn.) Sond.
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC

multicaulis Eckl. & Zeyh.
O. polyadenia Schltr. (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 150–300 m. WC

multiflora Jacq. = **O. hirta** var. **hirta**

mundtii Sond. = **O. ciliaris** var. **ciliaris**

namaquana Sond.
Perennial. Geophyte. Ht 0.04–0.2 m. Alt ± 1108 m. N, NC

natans L.f.
Perennial. Geophyte, hydrophyte. Ht 0.01–0.05 m. Alt 50–200 m. WC

nidulans Eckl. & Zeyh. var. **denticulata** (Wolley-Dod) T.M.Salter
O. denticulata Wolley-Dod (3)
Perennial. Geophyte. Ht 0.05–0.08 m. Alt 150–450 m. WC

nidulans Eckl. & Zeyh. var. **nidulans**
Perennial. Geophyte. Ht 0.05–0.08 m. Alt 150–450 m. WC

nortieri T.M.Salter
Perennial. Geophyte. Ht 0.05–0.09 m. Alt 550–650 m. WC

obliquifolia Steud. ex Rich.
Perennial. Geophyte. Ht 0.06–0.15 m. Alt 427–2950 m. G, M, S, FS, KZN, L, EC

obtusa Jacq.
O. atrata Weintroub (3)
O. ciliariflora Eckl. & Zeyh. (3)
O. cuprea Lodd. (3)
O. fimbriata E.Phillips (3)
O. framesii L.Bolus (3)
O. lacunosa Eckl. & Zeyh. (3)
O. membranacea Weintroub (3)
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 50–600 m. KZN, NC, WC, EC

oculata T.M.Salter = **O. callosa**

oculifera E.G.H.Oliv.
Perennial. Geophyte. Ht 0.01–0.05 m. Alt ± 600 m. WC

oligadenia Schltr. ex R.Knuth = **O. recticaulis**

oligophylla T.M.Salter
Perennial. Geophyte. Ht 0.12–0.16 m. Alt ± 500 m. WC

orbicularis T.M.Salter
Perennial. Geophyte. Ht 0.01–0.12 m. Alt 200–600 m. WC

oreithala T.M.Salter
Perennial. Geophyte. Ht 0.03–0.04 m. Alt ± 800 m. WC

oreophila T.M.Salter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 800 m. WC

orthopoda T.M.Salter
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 100–250 m. WC

otaviensis R.Knuth = **O. depressa**

pageae L.Bolus = **O. ciliaris** var. **pageae**

pallens Eckl. & Zeyh.
O. brachycarpa Schltr. (3)
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 152 m. WC

pallida T.M.Salter & Exell = **O. adspersa**

palmifrons T.M.Salter
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 502 m. WC

pardalis Sond.
O. burkei Sond. var. *multiglandulosa* Sond. (16)
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

parvicormus Dinter = **O. beneprotecta**

patula Eckl. & Zeyh. = **O. tenuifolia**

pectinata Jacq. = **O. flava**

pendulifolia T.M.Salter
Perennial. Geophyte. Ht 0.01–0.3 m. Alt 100–200 m. WC, EC

pentaphylla Sims = **O. polyphylla** var. **pentaphylla**

pentaphylloides Sond. = **O. variifolia**

perineson T.M.Salter & Exell
Perennial. Geophyte. Ht 0.07–0.15 m. Alt? WC

pes-caprae L. var. **pes-caprae**
O. cernua Thunb. (3)
O. mairei R.Knuth ex Engl., naked name (11)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 50–500 m. N, NC, WC, EC

pes-caprae L. var. **sericea** (L.f.) T.M.Salter
O. sericea L.f. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 50–500 m. WC, EC

petiolulata F.Bolus
Perennial. Geophyte. Ht 0.03–0.05 m. Alt ± 800 m. WC

petraea T.M.Salter
Perennial. Geophyte. Ht 0.03–0.05 m. Alt ± 305 m. NC, WC

phellandroides E.Mey. ex Meisn. = **O. livida** var. **altior**

phloxidifora Schltr.
O. mallyi Schltr. ex R.Knuth (3)
Perennial. Geophyte. Ht 0.03–0.1 m. Alt ± 650 m. WC

pillansiana T.M.Salter & Exell
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 350 m. WC

pillosella R.Knuth = **O. adspersa**

pocockiae L.Bolus
Perennial. Geophyte. Ht 0.05–0.14 m. Alt 350–600 m. NC, WC, EC

polyadenia Schltr. = **O. multicaulis**

polyphylla Jacq. var. **alba** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC

polyphylla Jacq. var. **heptaphylla** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC, EC

polyphylla Jacq. var. **minor** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC

polyphylla Jacq. var. **pentaphylla** (Sims) T.M.Salter
O. pentaphylla Sims (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC, EC

polyphylla Jacq. var. **polyphylla**
O. amoena Jacq. (3)
O. filifolia Jacq. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC, EC

polyphylla Jacq. var. **pubescens** Sond.
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m. WC

polytricha Sond. = **O. linearis**

porphyriosiphon T.M.Salter
Perennial. Geophyte. Ht 0.05–0.11 m. Alt ± 500 m. WC

primuloides R.Knuth
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 300–450 m. NC

pseudo-cernua R.Knuth
O. albella R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.02 m. Alt 118–1400 m. N

pseudo-hirta T.M.Salter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 600 m. NC, WC

psilopoda Turcz.
Perennial. Geophyte. Ht 0.01–0.13 m. Alt 150–300 m. WC, EC

pulchella Jacq. var. *beneprotecta* (R.Knuth) T.M.Salter = **O. beneprotecta**

pulchella Jacq. var. **glauca** T.M.Salter
O. edwardsiae F.Bolus (3)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m. NC

pulchella Jacq. var. **leucotricha** (Turcz.) T.M.Salter
O. leucotricha Turcz. (3)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m. WC

pulchella Jacq. var. **pulchella**
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m. N, NC, WC

pulchella Jacq. var. **tomentosa** Sond.
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m. N, NC, WC

pulvinata Sond
Perennial. Geophyte. Ht 0.03–0.06 m. Alt ± 1597 m. NC

punctata L.f.
Perennial. Geophyte. Ht 0.04–0.08 m. Alt 150–300 m. WC, EC

purpurascens T.M.Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 935–2479 m. N

purpurata Jacq.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC

purpurata Lindl. var. *bowiei* (Lindl.) Sond. = **O. bowiei**

purpurea L.
O. aemula Schltr. ex R.Knuth (3)
O. breviscapa Jacq. (3)
O. decipiens Schltr. (3)
O. humilis Thunb. (3)
O. laburnifolia Jacq. (3)
O. sanguinea Jacq. (3)
O. strictophylla Sond. (3)
O. variabilis Jacq. (3)
Perennial. Geophyte. Ht 0.03–0.15 m. Alt 50–500 m. NW, S, NC, WC, EC

purpurea Thunb. var. *hopefieldiana* R.Knuth = **O. eckloniana** var. **hopefieldiana**

purpurea Thunb. var. *montigena* (Schltr.) R.Knuth = **O. eckloniana** var. **montigena**

pusilla Jacq.
Perennial. Geophyte. Ht 0.02–0.1 m. Alt 50–200 m. WC

pusilla R.Knuth in part = **O. luederitzii**

ramigera Sond. = **O. reclinata** var. **reclinata**

reclinata Jacq. var. **micromera** (Sond.) T.M.Salter
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC, WC

reclinata Jacq. var. **quinata** T.M.Salter
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC, WC

reclinata Jacq. var. **reclinata**
O. ramigera Sond. (3)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

recticaulis Sond.
O. arenosa F.Bolus (3)
O. glandulosa Jacq. (3)
O. glaucoides R.Knuth (3)
O. oligadenia Schltr. ex R.Knuth (3)
O. sororia Schltr. ex R.Knuth (3)
Perennial. Geophyte. Ht 0.07–0.17 m. Alt 150–300 m. WC

reflexa T.M.Salter
Perennial. Geophyte. Ht ± 0.025 m. Alt ± 179 m. NC, WC

repens Thunb. = **O. corniculata**

reptatrix Jacq. = **O. hirta** var. **hirta**

rhomboidea T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 500–671 m. NC, WC

robinsonii T.M.Salter & Exell
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC, EC

rubella Jacq. = **O. hirta** var. **hirta**

rubro-punctata T.M.Salter
Perennial. Geophyte. Ht 0.02–0.03 m. Alt 500–600 m. WC

rubroflora Jacq. = **O. ambigua**

salmonicolor Schltr. = **O. eckloniana** var. **eckloniana**

salteri L.Bolus
Perennial. Geophyte. Ht 0.05–0.16 m. Alt 200–400 m. WC

sanguinea Jacq. = **O. purpurea**

saronensis F.Bolus = **O. droseroides**

schaeferi R.Knuth
Perennial. Geophyte. Ht 0.05–0.18 m. Alt ± 1500 m. N

seineri R.Knuth = **O. lawsonii**

semiglandulosa Sond. = **O. droseroides**

semiloba Sond. subsp. **semiloba**
Perennial. Geophyte. Ht 0.13–0.2 m. Alt 0–1705 m. N, B, LIM, G, M, FS, EC

senecta T.M.Salter
Perennial. Geophyte. Ht ± 0.05 m. Alt ± 1100 m. NC

sericea L.f. = **O. pes-caprae** var. **sericea**

setosa E.Mey. ex Sond.
Perennial. Geophyte. Ht 0.03–0.15 m. Alt 390–1018 m. EC

simplex T.M.Salter
Perennial. Geophyte. Ht 0.02–0.03 m. Alt ± 400 m. WC

smithiana Eckl. & Zeyh.
O. galpinii Schltr. (3)
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 30–2400 m. M, S, FS, KZN, L, WC, EC

sonderiana (Kuntze) T.M.Salter
O. minima Sond. (3)
Perennial. Geophyte. Ht 0.02–0.04 m. Alt ± 945 m. NC

sororia Schltr. ex R.Knuth = **O. recticaulis**

stellata Eckl. & Zeyh. var. **glandulosa** T.M.Salter
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 275–400 m. WC

stellata Eckl. & Zeyh. var. **gracilior** T.M.Salter
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

stellata Eckl. & Zeyh. var. **montaguensis** T.M.Salter
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

stellata Eckl. & Zeyh. var. **stellata**
Perennial. Geophyte. Ht 0.05–0.09 m. Alt 50–400 m. WC, EC

stenocarpa Schltr. = **O. glabra**

stenopetala T.M.Salter
Perennial. Geophyte. Ht 0.08–0.2 m. Alt ± 600 m. WC

stenoptera Turcz. var. **alba** T.M.Salter
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 179 m. NC

stenoptera Turcz. var. **stenoptera**
O. glaucovirens Sond. (3)
Perennial. Geophyte. Ht 0.04–0.1 m. Alt? NC, WC

stenoptera Turcz. var. **undulata**
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 1060 m. NC

stenorrhyncha T.M.Salter
Perennial. Geophyte. Ht 0.1–0.25 m. Alt 6–340 m. EC

stictocheila T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt ± 150 m. WC

stokoei Weintroub
Perennial. Geophyte. Ht 0.02–0.03 m. Alt 700–1000 m. WC

strictophylla Sond. = **O. purpurea**

strigosa T.M.Salter
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 250–300 m. WC

suavis R.Knuth
Perennial. Geophyte. Ht 0.01–0.08 m. Alt ± 150 m. WC

subsessilis L.Bolus
Perennial. Geophyte. Ht 0.2–0.25 m. Alt ± 50 m. WC

suteroides T.M.Salter
Perennial. Geophyte. Ht 0.05–0.25 m. Alt ± 600 m. WC

tenella Eckl. & Zeyh. = **O. commutata** var. **commutata**

tenella Jacq.
O. decora R.Knuth (3)
O. divergens Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.02–0.2 m. Alt ± 250 m. WC

tenuifolia Jacq.
O. loddigesiana Eckl. & Zeyh. (3)
O. patula Eckl. & Zeyh. (3)
O. thunbergiana Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.06–0.24 m. Alt 50–400 m. WC

tenuipes T.M.Salter var. **biapiculata** T.M.Salter
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 200–500 m. WC

tenuipes T.M.Salter var. **tenuipes**
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 200–500 m. NC, WC

tenuis T.M.Salter
Perennial. Geophyte. Ht 0.07–0.1 m. Alt? WC

teretifolia Jacq. = **O. gracilis** var. **gracilis**

thunbergiana Eckl. & Zeyh. = **O. tenuifolia**

tomentosa L.f.
Perennial. Geophyte. Ht 0.06–0.12 m. Alt 75–150 m. WC

tragopoda T.M.Salter
Perennial. Geophyte. Ht 0.15–0.2 m. Alt 91–650 m. KZN, L, WC, EC

truncatula Jacq.
Perennial. Geophyte. Ht 0.1–0.12 m. Alt 75–250 m. WC

tubiflora Jacq. = **O. hirta** var. **tubiflora**

tysonii E.Phillips

Perennial. Geophyte. Ht 0.1–0.22 m. Alt 178–1372 m. EC

uliginosa Schltr.
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 400 m. WC

urbaniana Schltr. = **O. goniorrhiza**

variabilis Jacq. = **O. purpurea**

variifolia Steud.
O. pentaphylloides Sond. (3)
Perennial. Geophyte. Ht 0.07–0.12 m. Alt 100–250 m. WC

versicolor L. var. **flaviflora** Sond.
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m. WC

versicolor L. var. **latifolia** Wolley-Dod
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m. WC

versicolor L. var. **versicolor**
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m. WC

vigilans L.Bolus = **O. bowiei**

virginea Jacq.
Perennial. Geophyte. Ht 0.04–0.06 m. Alt 305–671 m. NC

viscidula Schltr.
Perennial. Geophyte. Ht 0.01–0.05 m. Alt 250–350 m. WC

viscosa E.Mey. ex Sond.
Perennial. Geophyte. Ht 0.1–0.17 m. Alt 200–250 m. WC

xantha T.M.Salter
Perennial. Geophyte. Ht 0.08–0.19 m. Alt 329–915 m. WC

zeekoevleyensis R.Knuth
Perennial. Geophyte. Ht 0.01–0.03 m. Alt? WC

zeyheri Sond.
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 300–650 m. WC

PAPAVERACEAE

Compiled by H.F. Glen

*ARGEMONE L. 2852000

(1) Friedrich-Holzhammer. 1968. *FSWA* 46: 1, 2.
(2) Exell & Gonçalves. 1973. *Flora de Moçambique* 9: 1–3.
(3) Sorarú. 1976. *Darwiniana* 20: 445–457.
(4) Ownbey. 1997. *Flora of North America north of Mexico* 3: 314–322.

mexicana L. forma **mexicana**
Annual. Herb. Ht 0.3–0.9 m. Alt 0–1700 m. LIM, M, S, FS, KZN, NC, EC

mexicana L. var. *ochroleuca* (Sweet) Lindl. = **A. ochroleuca** subsp. **ochroleuca**

mexicana of author, not of L., concept invalid = **A. ochroleuca** subsp. **ochroleuca**

ochroleuca Sweet subsp. **ochroleuca**
A. mexicana L. var. *ochroleuca* (Sweet) Lindl. (1)
A. mexicana of author, not of L., concept invalid (1)
A. subfusiformis G.B.Ownbey (3)
Annual. Herb. Ht 0.3–1 m. Alt 0–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

subfusiformis G.B.Ownbey = **A. ochroleuca** subsp. **ochroleuca**

*ESCHSCHOLZIA Cham. 2840000

(1) Abrams. 1944. *Illustrated Flora of the Pacific States* 2: 226–228.
(2) Bailey & Bailey. 1977. *Hortus third*: 448.
(3) Clark. 1997. *Flora of North America north of Mexico* 3: 308–312.
(4) Spencer. 1997. *Horticultural flora of south-eastern Australia* 2: 77, 78.

californica Cham. subsp. **californica**
Annual, occ. perennial. Herb, Ht 0.2–0.6 m. Alt 950–1050 m. WC

*GLAUCIUM Mill. 2848000

(1) Mowat. 1964. *Flora europaea* 1: 251.
(2) Bailey & Bailey. 1977. *Hortus third*: 512, 513.
(3) Cullen. 1995. *European garden flora* 4: 115, 116.

corniculatum (L.) Rudolph
G. grandiflorum in sense of Hayek, not of Boiss. & A.Huet, misapplied name (1)
Annual. Herb. Ht 0.3–0.5 m. Alt 250–850 m. NC, WC, EC

grandiflorum in sense of Hayek, not of Boiss. & A.Huet, misapplied name = **G. corniculatum**

PAPAVER L. 2853000

(1) Mowat & Walters. 1964. *Flora europaea* 1: 248, 249.
(2) Friedrich-Holzhammer. 1968. *FSWA* 46: 2.
(3) Cullen. 1995. *European garden flora* 4: 105–110.
(4) Kiger & Murray. 1997. *Flora of North America north of Mexico* 3: 323–333.

aculeatum Thunb.
P. gariepinum Burch. (2)
Annual. Herb. Ht 0.1–1 m. Alt 500–3050 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

***argemone** L.
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 1450–1600 m. G

gariepinum Burch. = **P. aculeatum**

hispidum Lam. = **P. hybridum**

***hybridum** L.
P. hispidum Lam. (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 0–1800 m. LIM, G, WC

***rhoeas** L.
Annual, occ. perennial. Herb. Ht 0.1–0.9 m. Alt 0–1300 m. NC, WC, EC

PASSIFLORACEAE

Compiled by R.H. Archer

ADENIA Forssk. 5370000

(1) Phillips. 1923. *Flowering Plants of South Africa* 3: t. 113.
(2) Phillips. 1940. *Flowering Plants of South Africa* 20: t. 770.
(3) De Wilde. 1976. *FSA* 22: 106–117.

digitata (Harv.) Engl.
Modecca digitata Harv. (3)
Perennial. Shrub, dwarf shrub, climber. Ht 0.3–3 m. Alt 5–1830 m. B, LIM, NW, G, M, S, KZN

fruticosa Burtt Davy subsp. **fruticosa**
Perennial. Pachycaul tree, shrub, climber. Ht 1.5–6 m. Alt 730–1250 m. LIM

fruticosa Burtt Davy subsp. **simplicifolia** W.J.de Wilde
Perennial. Pachycaul tree, shrub, climber. Ht 1.5–6 m. Alt 400–1000 m. LIM

fruticosa Burtt Davy subsp. **trifoliata** W.J.de Wilde
Perennial. Pachycaul shrub, dwarf shrub, climber. Ht 0.5–3 m. Alt 100–765 m. KZN

glauca Schinz
Modecca glauca Schinz (3)
Perennial. Pachycaul shrub, climber. Ht 0.3–3.5 m. Alt 1000–1435 m. B, LIM, NW, G

gummifera (Harv.) Harms var. **gummifera**
Modecca gummifera Harv. (3)
Perennial. Climber. Ht 0.5–30 m. Alt 50–1650 m. LIM, M, S, KZN, EC

hastata (Harv.) Schinz var. **glandulifera** W.J.de Wilde
Perennial. Shrub, dwarf shrub, climber. Ht 1–1.5 m. Alt 245–915 m. M, S, KZN

hastata (Harv.) Schinz var. **hastata**
Modecca hastata Harv. (3)
Perennial. Shrub, climber. Ht 1–4 m. Alt 40–700 m. LIM, M, KZN

natalensis W.J.de Wilde (insufficiently known, possibly extinct)
Perennial. Shrub, climber. Ht ± 4 m. Alt? KZN

pechuelii (Engl.) Harms
Perennial. Pachycaul shrub, climber. Ht 1–1.5 m. Alt 200–950 m. N

repanda (Burch.) Engl.
Modecca repanda (Burch.) Druce (3)
Perennial. Dwarf shrub, climber. Ht 0.3–2.5 m. Alt 500–1850 m. N, B, LIM, NC

spinosa Burtt Davy
Perennial. Pachycaul shrub, climber. Ht 0.4–6 m. Alt 185–848 m. B, LIM

wilmsii Harms
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ± 1500 m. M

BASANANTHE Peyr. 5369000

(1) De Wilde. 1976. *FSA* 22: 120–124.
(2) Fernandes & Fernandes. 1978. *FZ* 4: 376–385.

heterophylla Schinz
Tryphostemma heterophyllum (Schinz) Engl. (1)
Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 915–1500 m. N, B

pedata (Baker f.) W.J.de Wilde
Tryphostemma pedatum Baker f. (1)
Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 350–975 m. N, B, LIM, G

polygaloides (Hutch. & K.Pearce) W.J.de Wilde
Tryphostemma polygaloides Hutch. & K.Pearce (1)
Perennial. Dwarf shrub, climber. Ht 0.1–1 m. Alt 15–155 m. KZN

sandersonii (Harv.) W.J.de Wilde
Tryphostemma sandersonii Harv. (1)
Perennial. Dwarf shrub, climber. Ht 0.1–0.6 m. Alt 90–1700 m. LIM, M, S, KZN, EC

triloba (Bolus) W.J.de Wilde
Tryphostemma trilobum Bolus (1)
Perennial. Dwarf shrub, climber. Ht 0.1–2.5 m. Alt 15–1200 m. N, LIM, M, S, KZN

MODECCA Lam. 5370010

digitata Harv. = **Adenia digitata**

glauca Schinz = **Adenia glauca**

gummifera Harv. = **Adenia gummifera** var. **gummifera**

hastata Harv. = **Adenia hastata** var. **hastata**

repanda (Burch.) Druce = **Adenia repanda**

PAROPSIA Noronha ex Thouars 5369010

(1) Sleumer. 1970. *Bulletin du Jardin Botanique National Belgique* 40: 49–75.
(2) De Wilde. 1976. *FSA* 22: 105, 106.
(3) Fernandes & Fernandes. 1978. *FZ* 4: 371–374.

braunii Gilg
Perennial. Tree, shrub. Ht 1–4 m. Alt ± 600 m. LIM

brazzeana Baill.
Perennial. Shrub. Ht 1–3 m. Alt 850–1150 m. N, B

*PASSIFLORA L. 5372000

(1) De Wilde. 1976. *FSA* 22: 124–128.
(2) Miller. 1997. *European garden flora*. 5: 258–262.

coerulea L.
Perennial. Climber. Ht 0.91–2.13 m. Alt 90–1370 m. NW, G, WC, EC

edulis Sims
Perennial. Climber. Ht 2–15 m. Alt 800–2000 m. LIM, NW, G, M, S, KZN

foetida L.
Perennial. Climber. Ht 1–4 m. Alt 5–500 m. KZN

manicata (Juss.) Pers.
Perennial. Climber. Ht ± 10 m. Alt 100–1000 m. WC

mollissima (Kunth) Bailey
Perennial. Climber. Ht ± 20 m. Alt 100–1000 m. LIM, WC

suberosa L.
Perennial. Climber. Ht 2–6 m. Alt 155–730 m. KZN

subpeltata Ortega
Perennial. Climber. Ht 1–5 m. Alt 250–1000 m. M, S, KZN

SCHLECHTERINA Harms 5363010

(1) De Wilde. 1976. *FSA* 22: 118–120.

mitostemmatoides Harms
Perennial. Shrub, dwarf shrub, climber. Ht 1–3 m. Alt 5–700 m. KZN

TRYPHOSTEMMA Harv. 5369020

heterophyllum (Schinz) Engl. = **Basananthe heterophylla**

pedatum Baker f. = **Basananthe pedata**

polygaloides Hutch. & K.Pearce = **Basananthe polygaloides**

sandersonii Harv. = **Basananthe sandersonii**

trilobum Bolus = **Basananthe triloba**

PEDALIACEAE

Compiled by S.J. Smithies & P.P.J. Herman

CERATOTHECA Endl. 7778000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 87.
(2) Abels. 1975. *Memórias da Sociedade Broteriana* 25: 5–358.
(3) Ihlenfeldt. 1988. *FZ* 8,3: 94–97.

elliptica Schinz = **C. integribracteata** subsp. **elliptica**

integribracteata Engl. subsp. **elliptica** (Schinz) Ihlenf.
C. elliptica Schinz (2)
Annual. Herb. Ht up to 1.75 m. Alt? N

lamiifolia (Engl.) Engl. = **C. triloba**

saxicola E.A.Bruce
Annual. Herb. Ht up to 0.45 m. Alt 300–400 m. LIM

sesamoides Endl.
Sesamum heudelotii Stapf (2)
Annual. Herb. Ht up to 1.2 m. Alt 900–1000 m. N, B

triloba (Bernh.) Hook.f.
C. lamiifolia (Engl.) Engl. (2)
Sesamum lamiifolium Engl. (3)
Sporledera kraussiana Bernh. (3)
Sporledera triloba Bernh. (2)
Annual or perennial. Herb. Ht up to 2.5 m. Alt 15–1550 m. B, LIM, NW, G, M, S, FS, KZN, NC, EC

DICEROCARYUM Bojer 7780000

(1) Ihlenfeldt. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 593–612.
(2) Abels. 1975. *Memórias da Sociedade Broteriana* 25: 5–358.
(3) Ihlenfeldt. 1988. *FZ* 8,3: 106–109.
(4) Van Wyk & Condy. 2003. *Flowering Plants of Africa* 58: 118–133, tt. 2198, 2199.

eriocarpum (Decne.) Abels
D. eriocarpum (Decne.) Abels subsp. *eriocarpum* (Decne.) Ihlenf. (3) (misquote of Ihlenfeldt 1967: 599)
D. zanguebarium (Lour.) Merr. subsp. *eriocarpum* (Decne.) Ihlenf. (2)
Pretrea eriocarpa Decne. (3)
Perennial or annual. Herb, prostrate, occ. scrambler. Length up to 3.5 m. Alt 900–1200 m. N, B, NW, NC

eriocarpum (Decne.) Abels subsp. *eriocarpum* (Decne.) Ihlenf. = **D. eriocarpum**

forbesii (Decne.) A.E.van Wyk
D. senecioides (Klotzsch) Abels in part (4)
D. zanguebarium (Lour.) Merr. in part (4)
Pretrea forbesii Decne. (4)
Pretrea zanguebarica (Lour.) J.Gay ex DC. in sense of Stapf (1904) in part (4)
Perennial. Herb, prostrate. Length up to 3 m. Alt 0–30 m. KZN

senecioides (Klotzsch) Abels in part = **D. forbesii**

senecioides (Klotzsch) Abels subsp. **senecioides**
Pretrea senecioides Klotzsch (1)
Perennial. Herb, prostrate. Length 1–2 m. Alt 0–1400 m. B, LIM, NW, G, M, S, KZN?

senecioides (Klotzsch) Abels subsp. **transvaalense** Abels
Perennial. Herb, prostrate. Length up to 0.7 m. Alt 900–1320 m. LIM, G, M

zanguebarium (Lour.) Merr. in part = **D. forbesii**

zanguebarium (Lour.) Merr. subsp. *eriocarpum* (Decne.) Ihlenf. = **D. eriocarpum**

HARPAGOPHYTUM DC. ex Meisn. 7771000

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 398.
(2) Ihlenfeldt & Hartmann. 1970. *Mitteilungen aus dem Staatsinstitut für Allgemeine Botanik Hamburg* 13: 15–69.
(3) Verdoorn. 1982. *The Flowering Plants of Africa* 47: t. 1853.
(4) Ihlenfeldt. 1988. *FZ* 8,3: 109–113.
(5) Retief & Herman. 1997. *Strelitzia* 6: 553.

burchellii Decne. = **H. procumbens** subsp. **procumbens**

peglerae Stapf = **H. zeyheri** subsp. **zeyheri**

pinnatifidum Engl. = **Pterodiscus speciosus**

procumbens (Burch.) DC. ex Meisn. forma *sublobatum* Engl. = **H. zeyheri** subsp. **sublobatum**

procumbens (Burch.) DC. ex Meisn. subsp. **procumbens**
H. burchellii Decne. (2)
Uncaria procumbens Burch. (2)
Perennial. Herb, prostrate. Length 0.6–0.8 m. Alt 900–1800 m. N, B, NW, FS, NC

procumbens (Burch.) DC. ex Meisn. subsp. **transvaalense** Ihlenf. & H.E.K.Hartmann
Perennial. Herb, prostrate. Length up to 1.5 m. Alt 600–800 m. B, LIM

procumbens (Burch.) DC. ex Meisn. var. *sublobatum* (Engl.) Stapf = **H. zeyheri** subsp. **sublobatum**

zeyheri Decne. subsp. **schijffii** Ihlenf. & H.E.K.Hartmann
Perennial. Herb, prostrate. Length 0.5–1 m. Alt 900–1200 m. N, B

zeyheri Decne. subsp. **sublobatum** (Engl.) Ihlenf. & H.E.K.Hartmann
H. procumbens (Burch.) DC. ex Meisn. forma *sublobatum* Engl. (2)
H. procumbens (Burch.) DC. ex Meisn. var. *sublobatum* (Engl.) Stapf (4)
Perennial. Herb, prostrate. Length 0.5–1 m. Alt 900–1200 m. N, B

zeyheri Decne. subsp. **zeyheri**
H. peglerae Stapf (2)
Perennial. Herb, prostrate. Length 0.6–1 m. Alt 350–1430 m. B, LIM, NW, G, M

HOLUBIA Oliv. 7772000

(1) Stapf. 1904. *FC* 4,2: 457.
(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 661.
(3) Ihlenfeldt. 1988. *FZ* 8,3: 89.

saccata Oliv.
Annual, occ. biennial. Herb, succulent. Ht 0.3–1 m. Alt 250–1220 m. B, LIM, NW, M

*IBICELLA Van Eselt. 7785010

(1) Stapf. 1897. In Engler & Prantl, *Die natürlichen Pflanzenfamilien* 4,3b: 265–269, as '*Proboscidea*'.
(2) Lawrence. 1957. *Baileya* 5: 126–132.
(3) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 300, 301, as '*Proboscidea lutea*'.
(4) Bailey & Bailey. 1977. *Hortus third*: 588.
(5) Mabberley. 1997. *The plant book*, edn 2: 535.

lutea (Lindl.) Van Eselt.
Martynia lutea Lindl. (2)
Proboscidea lutea (Lindl.) Stapf (2)
Annual. Herb, carnivorous. Ht 0.45–1 m. Alt? LIM, NW, G, KZN, WC, EC (weed of cultivation only?)

MARTYNIA L. 7784000

fragrans Lindl. = **Proboscidea louisianica** subsp. **fragrans**

longiflora Royen = **Rogeria longiflora**

lutea Lindl. = **Ibicella lutea**

proboscidea Gloxin = **Proboscidea louisianica**

PEDALIUM L. 7768000

longiflorum (Royen) Decne. = **Rogeria longiflora**

PRETREA J.Gay 7780010

eriocarpa Decne. = **Dicerocaryum eriocarpum**

forbesii Decne. = **Dicerocaryum forbesii**

senecioides Klotzsch = **Dicerocaryum senecioides** subsp. **senecioides**

zanguebarica (Lour.) J.Gay ex DC. in sense of Stapf (1904) in part = **Dicerocaryum forbesii**

*PROBOSCIDEA Schmidel 7785000

(1) Stapf. 1897. In Engl. & Prantl, *Die natürlichen Pflanzenfamilien* 4,3b: 265–269.
(2) Marloth. 1932. *The Flora of South Africa* 3,2: 155, as '*Martynia proboscidea*'.
(3) Lawrence. 1957. *Baileya* 5: 126–132, Figure 41.
(4) Bailey & Bailey. 1977. *Hortus third*: 912.
(5) The Plant Names Project. 2002. *International Plant Names Index*. Published on the internet, http://www.ipni.org (accessed on 2 Aug. 2002).

fragrans (Lindl.) Decne. = P. **louisianica** subsp. **fragrans**

louisianica (Mill.) Thell. (probably misapplied name for *Proboscidea louisianica* subsp. *fragrans*)
Martynia proboscidea Gloxin (4)

louisianica (Mill.) Thell. subsp. **fragrans** (Lindl.) Bretting
Martynia fragrans Lindl. (5)
P. fragrans (Lindl.) Decne. (5)
Annual. Herb. Ht up to 0.6 m. Alt? FS, EC (garden escape?)

lutea (Lindl.) Stapf = **Ibicella lutea**

PTERODISCUS Hook. 7769000

(1) Hooker. 1869. *Curtis's Botanical Magazine* 95: t. 5784.
(2) Stapf. 1906. *FTA* 4,2: 541–547.
(3) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 213.
(4) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 734.
(5) Ihlenfeldt. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 602–605.
(6) Merxmüller & Schreiber. 1968. *FSWA* 131: 5, 6.
(7) Ihlenfeldt. 1988. *FZ* 8,3: 89–94.
(8) Hardy. 1988. *Aloe* 25,2: 27.
(9) Ihlenfeldt. 2000. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 28/29: 5–21.

aurantiacus of author, not of Welw.: Phillips (1939) = **P. ngamicus**

aurantiacus Welw.
P. brasiliensis in sense of Schinz (1891), not of (J.Gay ex DC.) Asch. (7)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 1000–1300 m. N, B

brasiliensis in sense of Schinz (1891), not of (J.Gay ex DC.) Asch. = **P. aurantiacus**

luridus Hook.f.
Perennial. Herb, succulent. Ht ± 0.4 m. Alt 900–1070 m. EC

luridus of authors, not of Hook.f.: Stapf (1904) & others = **P. ngamicus**

ngamicus N.E.Br. ex Stapf
P. aurantiacus of author, not of Welw.: Phillips (1939) (8)
P. luridus of authors, not of Hook.f.: Stapf (1904) & others (7)
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 270–1500 m. N, B, LIM, G, M

speciosus Hook.
Harpagophytum pinnatifidum Engl. (7)
Perennial. Suffrutex. Ht 0.05–± 0.25 m. Alt 850–1450 m. B, LIM, NW, G, FS, NC

ROGERIA J.Gay ex Delile 7776000

(1) Stapf. 1906. *FTA* 4,2: 548–550.
(2) De Winter *et al.* 1961. In Anderson *et al.* in *Kirkia* 1: 106–108.
(3) Merxmüller & Schreiber. 1968. *FSWA* 131: 6–8.

adenophylla J.Gay ex Delile
Annual. Suffrutex. Ht 0.5–± 2.5 m. Alt 550–1850 m. N

bigibbosa Engl.
Annual. Herb. Ht 0.3–0.5 m. Alt 900–1050 m. N

longiflora (Royen) J.Gay ex DC.
Martynia longiflora Royen (1)
Pedalium longiflorum (Royen) Decne. (1)
Annual. Suffrutex. Ht 0.2–2.4 m. Alt 300–1000 m. N, NC

petrophila De Winter
Perennial. Herb. Length 0.1–0.2 m. Alt ± 900 m. N

SESAMOTHAMNUS Welw. 7774000

(1) Stapf. 1906. *FTA* 4,2: 567–569.
(2) Merxmüller & Schreiber. 1968. *FSWA* 131: 8, 9.
(3) Codd. 1972. *The Flowering Plants of Africa* 41: t. 1640.
(4) Ihlenfeldt. 1988. *FZ* 8,3: 87–89.

benguellensis Welw.
Perennial. Shrub, succulent. Ht 1.2–3 m. Alt? N

gürichii (Engl.) E.A.Bruce

Sigmatosiphon gürichii Engl. (2)
Perennial. Shrub, succulent. Ht 2.5–4 m. Alt 900–1450 m. N

lugardii N.E.Br. ex Stapf
Perennial. Shrub or small tree, succulent. Ht 1.2–5 m. Alt 180–1220 m. B, LIM, NW, M

SESAMUM L. 7777000

(1) Stapf. 1906. *FTA* 4,2: 550–562.
(2) Bruce. 1953. *FTEA* Pedaliaceae: 16–21.
(3) Merxmüller. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 1–13.
(4) Ihlenfeldt & Seidensticker. 1968. *Mitteilungen der Botanischen Staatssammlung München* 7: 5–15.
(5) Merxmüller & Schreiber. 1968. *FSWA* 131: 9–13.
(6) Ihlenfeldt. 1988. *FZ* 8,3: 97–106.
(7) Grabow-Seidensticker. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 22: 217–241.
(8) Retief & Herman. 1997. *Strelitzia* 6: 553, 554.
(9) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 463, 464.
(10) Craven. 1999. *Southern African Botanical Diversity Network Report* No. 7: 149.

abbreviatum Merxm.
Annual. Herb. Ht 0.6–2 m. Alt ± 400 m. N

alatum Thonn.
Annual. Herb. Ht 0.2–1.5 m. Alt 10–1450 m. N, B, LIM, NW, G, M, S, KZN

angolense Welw.
Annual or perennial. Herb. Ht 0.8–3 m. Alt 1000–2000 m. N

angustifolium of author, not of (Oliv.) Engl.: Merxmüller (1959) = **S. calycinum** subsp. **baumii**

antirrhinoides Welw. ex Asch. = **S. schinzianum**

baumii Stapf = **S. calycinum** subsp. **baumii**

calycinum Welw. subsp. **baumii** (Stapf) Seidenst.
S. angustifolium of author, not of (Oliv.) Engl.: Merxmüller (1959) (5, 7, implied)
S. baumii Stapf (6)
S. calycinum var. *calycinum* of author, not of Welw.: Ihlenfeldt & Seidensticker (1968) in part (7)
Annual or perennial. Herb. Ht 0.6–2.5 m. Alt 900–1000 m. N, B

calycinum var. *calycinum* of author, not of Welw.: Ihlenfeldt & Seidensticker (1968) in part = **S. calycinum** subsp. **baumii**

capense Burm.f.
Annual. Herb. Ht 0.15–2 m. Alt 500–1500 m. N, B, LIM, NW, G, M, FS, KZN?, NC, WC, EC

digitaloides of author, not of Welw. ex Asch.: Merxmüller (1959) = **S. schinzianum**

dinteri Schinz, as '*dinterii*' = **S. marlothii**

gibbosum Bremek. & Oberm. = **S. triphyllum** var. **triphyllum**

grandiflorum Schinz = **S. triphyllum** var. **grandiflorum**

heudelotii Stapf = **Ceratotheca sesamoides**

***indicum** L.
S. orientale L. (9)
Annual. Herb. Ht 0.1–2 m. Alt 150–1220 m. LIM, G, M, S, KZN

lamiifolium Engl. = **Ceratotheca triloba**

marlothii Engl.
S. dinteri Schinz, as '*dinterii*' (4)
Annual or perennial. Suffrutex, occ. herb. Ht 0.4–1.3 m. Alt 550–700 m. N

merenskyanum Dinter ex Merxm. = **S. rigidum** subsp. **merenskyanum**

microcarpum Engl. = **S. pedalioides**

orientale L. = **S. indicum**

pedalioides Welw. ex Hiern
S. microcarpum Engl. (4)
Annual. Herb. Ht 0.45–1.2 m. Alt ± 900 m. N

rigidum Peyr. subsp. **merenskyanum** Ihlenf. & Seidenst.
S. merenskyanum Dinter ex Merxm. (5)
S. schinzianum of author, not of Asch.: Merxmüller (1959) in part (5)
Perennial. Shrub or suffrutex. Ht 0.45–2.5 m. Alt 350–1600 m. N

rigidum Peyr. subsp. **rigidum**
Perennial. Shrub. Ht? '0.9–1.2 m. in Stapf (1906)' Alt? N

rigidum Peyr. var. *digitaloides* of author, not of (Welw. ex Schinz) Stapf : Merxmüller (1959) = **S. schinzianum**

schenckii Asch. = **S. triphyllum** var. **grandiflorum**

schinzianum Asch.
S. antirrhinoides Welw. ex Asch. (4)
S. digitaloides of author, not of Welw. ex Asch.: Merxmüller (1959) (5)
S. rigidum Peyr. var. *digitaloides* of author, not of (Welw. ex Schinz) Stapf: Merxmüller (1959) (5)
Annual or perennial. Herb. Ht 0.3–1.5 m. Alt 800–1500 m. N

schinzianum of author, not of Asch.: Merxmüller (1959) in part = **S. rigidum** subsp. **merenskyanum**

triphyllum Welw. ex Asch. var. **grandiflorum** (Schinz) Merxm.
S. grandiflorum Schinz (5)
S. schenckii Asch. (5)
Annual. Herb. Ht 0.6–0.75 m. Alt 1370–1670 m. N

triphyllum Welw. ex Asch. var. **triphyllum**
S. gibbosum Bremek. & Oberm. (5)
Annual. Herb. Ht 0.25–2.5 m. Alt 150–1530 m. N, B, LIM, NW, G, M, S, FS, NC

SIGMATOSIPHON Engl. 7775000

gürichii Engl. = **Sesamothamnus gürichii**

SPORLEDERA Bernh. 7778010

kraussiana Bernh. = **Ceratotheca triloba**

triloba Bernh. = **Ceratotheca triloba**

UNCARIA Burch. 7771010

procumbens Burch. = **Harpagophytum procumbens** subsp. **procumbens**

*PEGANACEAE

Compiled by E. Retief

*PEGANUM L. 3958000

(1) Tutin. 1968. *Flora europaea* 2: 205.
(2) Sheahan & Chase. 1996. *Botanical Journal of the Linnean Society* 122: 279–300.

harmala L.
Perennial. Dwarf shrub, herb. Ht ± 0.5 m. Alt ± 910–1000 m. NC, EC

PENAEACEAE

Compiled by J.P. Rourke

BRACHYSIPHON A.Juss. 5426000

(1) Dahlgren. 1967. *Opera Botanica* 18: 1–41.
(2) Rourke. 1995. *Nordic Journal of Botany* 15: 63–66.

acutus (Thunb.) Juss.
Perennial. Dwarf lignotuberous shrub. Ht 0.2–1 m. Alt 200–1000 m. WC

ericifolius A.Juss. = **Stylapterus ericifolius**

fucatus (L.) Gilg
B. imbricatus (Graham) A.Juss. (1)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 300–1100 m. WC

imbricatus (Graham) A.Juss. = **B. fucatus**

microphyllus Rourke
Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.5 m. Alt 1200–1400 m. WC

mundii Sond.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 50–60 m. WC

petraeus W.F.Barker = **Sonderothamnus petraeus**

rupestris Sond.
Perennial. Dwarf shrub, lithophyte. Ht 0.05–0.4 m. Alt 30–50 m. WC

speciosus Sond. = **Sonderothamnus speciosus**

ENDONEMA A.Juss. 5423000

(1) Dahlgren. 1967. *Botaniska Notiser* 120: 69–83.

lateriflora (L.f.) Gilg
Penaea lateriflora L.f. (1)
Perennial. Shrub. Ht 0.5–3 m. Alt 1000–1200 m. WC

retzioides Sond.
Perennial. Lignotuberous shrub. Ht 0.35–1 m. Alt 480–700 m. WC

GLISCHROCOLLA (Endl.) A.DC. 5424000

(1) Dahlgren. 1967. *Botaniska Notiser* 120: 57–68.
(2) Rourke. 1969. *The Flowering Plants of Africa* 40: t. 1574.

formosa (Thunb.) R.Dahlgren
Penaea formosa Thunb. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 1200–1500 m. WC

PENAEA L. 5425000

(1) Dahlgren. 1971. *Opera Botanica*: 29: 1–58.
(2) Rourke & McDonald. 1989. *South African Journal of Botany* 55: 400–404.

acutifolia Juss.
Perennial. Shrub. Ht 0.5–2 m. Alt 30–1000 m. WC

candolleana Stephens = **Stylapterus candolleanus**

cneorum Meerb. subsp. **cneorum**
Perennial. Shrub. Ht 1.2–2.5 m. Alt 61–213 m. WC

cneorum Meerb. subsp. **gigantea** R.Dahlgren
Perennial. Shrub. Ht 1–4 m. Alt 720–1300 m. WC

cneorum Meerb. subsp. **lanceolata** R.Dahlgren
Perennial. Shrub. Ht 0.5–3 m. Alt 350–1524 m. WC

cneorum Meerb. subsp. **ovata** (Eckl. & Zeyh. ex A.DC.) R.Dahlgren
P. ovata Eckl. & Zeyh. ex A.DC. (1)
Perennial. Shrub. Ht 0.6–2.5 m. Alt 460–1200 m. WC

cneorum Meerb. subsp. **ruscifolia** R.Dahlgren
Perennial. Shrub. Ht 0.7–2 m. Alt 300–840 m. WC

dahlgrenii Rourke
Perennial. Shrub. Ht 0.2–1.5 m. Alt 650–1000 m. WC

ericoides (A.Juss.) Endl. = **Stylapterus ericoides** subsp. **ericoides**

formosa Thunb. = **Glischrocolla formosa**

fruticulosa L.f. = **Stylapterus fruticulosus**

lateriflora L.f. = **Endonema lateriflora**

mucronata L.
Perennial. Lignotuberous, dwarf shrub. Ht 0.3–1 m. Alt 50–1000 m. WC

ovata Eckl. & Zeyh. ex A.DC. = **P. cneorum** subsp. **ovata**

sarcocolla L. = **Saltera sarcocolla**

SALTERA Bullock 5427000

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 421.
(2) Dahlgren. 1968. *Opera Botanica* 18: 51–72.

sarcocolla (L.) Bullock
Penaea sarcocolla L. (2)
Sarcocolla minor DC. (2)
Sarcocolla squamosa (L.) Endl. (2)
Sarcocolla tetragona (P.J.Bergius) Salter (2)
Perennial. Lignotuberous shrub. Ht 0.2–1 m. Alt 50–1000 m. WC

SARCOCOLA Kunth 5427010

minor DC. = **Saltera sarcocolla**

squamosa (L.) Endl. = **Saltera sarcocolla**

tetragona (P.J.Bergius) Salter = **Saltera sarcocolla**

SONDEROTHAMNUS R.Dahlgren 5426010

(1) Dahlgren. 1968. *Opera Botanica* 18: 41–50.

petraeus (W.F.Barker) R.Dahlgren
Brachysiphon petraeus W.F.Barker (1)
Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.4 m. Alt 0–200 m. WC

speciosus (Sond.) R.Dahlgren
Brachysiphon speciosus Sond. (1)
Perennial. Dwarf lignotuberous shrub. Ht 0.25–0.6 m. Alt 250–350 m. WC

STYLAPTERUS A.Juss. 5425010

(1) Dahlgren. 1967. *Opera Botanica*: 1–40.

barbatus Juss.
Perennial. Dwarf shrub. Ht 0.35–0.6 m. Alt 100–1250 m. WC

candolleanus (Stephens) R.Dahlgren
Penaea candolleana Stephens (1)
Perennial. Dwarf shrub. Ht? Alt? WC

dubius (Stephens) R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 350–1300 m. WC

ericifolius (A.Juss.) R.Dahlgren
Brachysiphon ericifolius A.Juss. (1)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 457–914 m. WC

ericoides A.Juss. subsp. **ericoides**
Penaea ericoides (A.Juss.) Endl. (1)
Perennial. Shrub. Ht 0.4–2 m. Alt 300–800 m. WC

ericoides A.Juss. subsp. **pallidus** R.Dahlgren
Perennial. Shrub, Ht 0.5–0.9 m. Alt 400–700 m. WC

fruticulosus (L.f.) A.Juss.
Penaea fruticulosa L.f. (1)
Perennial. Dwarf lignotuberous shrub. Ht 0.3–1 m. Alt 50–300 m. WC

micranthus R.Dahlgren
Perennial. Shrub. Ht 0.9–1.2 m. Alt ± 366 m. WC

sulcatus R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 700–1000 m. WC

PHYTOLACCACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

HILLERIA Vell. 2373000

(1) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 339–342.
(2) Stannard. 1988. *FZ* 9,1: 167, 168.

latifolia (Lam.) H.Walter
Perennial. Herb or subshrub, occ. suffrutescent. Ht up to 1.5 m. Alt? KZN

LOPHIOCARPUS Turcz. 2287000

(1) Merxmüller. 1967. *FSWA* 24: 1, 2.
(2) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 353–355.
(3) Nowicke. 1969. *Annals of the Missouri Botanical Garden* 56: 288–290.
(4) Stannard. 1988. *FZ* 9,1: 169–173.

burchellii Hook.f. = **L. polystachyus**

dinteri Engl.
Annual. Herb. Ht up to 0.4 m. Alt ?–1220 m. N, B

latifolius Nowicke
Perennial. Dwarf shrub, herb. Ht 1–1.2 m. Alt? N, KZN

polystachyus Turcz.
L. burchellii Hook.f. (1)
Microtea burchellii (Hook.f.) N.E.Br. (1)
Microtea gracilis A.W.Hill (4)
Microtea polystachya N.E.Br. (1)
Microtea polystachya Turcz. (1)
Wallinia polystachya (Turcz.) Moq. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 210–2000 m. N, B, LIM, NW, G, M, FS, NC

tenuissimus Hook.f.
Microtea tenuissima N.E.Br. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 425–1525 m. N, B, LIM, NW, G, M, NC

MICROTEA Sw. 2372000

burchellii (Hook.f.) N.E.Br. = **Lophiocarpus polystachyus**
gracilis A.W.Hill = **Lophiocarpus polystachyus**
polystachya N.E.Br. = **Lophiocarpus polystachyus**
polystachya Turcz. = **Lophiocarpus polystachyus**
tenuissima N.E.Br. = **Lophiocarpus tenuissimus**

PHYTOLACCA L. 2380000

(1) Hill. 1912. *FC* 5,1: 456–459.
(2) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 303–361.
(3) Stannard. 1988. *FZ* 9,1: 164–167.

abyssinica O.Hoffm. = **P. dodecandra**

americana L.
P. decandra L. (2)
Perennial. Herb, succulent. Ht up to 3 m. Alt 20–1600 m. LIM, KZN, L, WC, EC

americana L. var. *mexicana* L. = **P. octandra**

decandra L. = **P. americana**

***dioica** L.
Perennial. Tree. Ht up to 25 m. Alt 40–1525 m. N, B, LIM, NW, G, M, KZN, WC, EC

dodecandra L'Hér.
P. abyssinica O.Hoffm. (2)
Pircunia abyssinica Moq. (2)
Perennial. Shrub, climber, succulent. Ht 1.5–4 m. Length 10–13 m. Alt 5–670 m. KZN, WC, EC

heptandra Retz.
P. stricta O.Hoffm. (2)
Pircunia stricta Hoffm. (2)
Perennial. Herb. Ht 0.2–1 m. Alt 155–2160 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

octandra L.
P. americana L. var. *mexicana* L. (1)
Perennial. Herb, succulent. Ht up to 2 m. Alt 8–2134 m. LIM, G, M, S, FS, KZN, WC, EC

stricta O.Hoffm. = **P. heptandra**

PIRCUNIA Bertero 2381000

abyssinica Moq. = **Phytolacca dodecandra**

stricta Hoffm. = **Phytolacca heptandra**

***RIVINA** L. 2370000

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 160.
(2) Stannard. 1988. *FZ* 9,1: 169.

humilis L.
Perennial. Herb, occ. subshrub. Ht 0.3–1.2 m. Alt 5–175 m. G, KZN, EC

WALLINIA Moq. 2287010

polystachya (Turcz.) Moq. = **Lophiocarpus polystachyus**

PIPERACEAE

Compiled by M. Jordaan

PEPEROMIA Ruiz & Pav. 1866000

(1) Düll. 1973. *Botanische Jahrbücher* 93: 56–119.
(2) Verdcourt. 1996. *FTEA* Piperaceae: 9–21.
(3) Diniz. 1996. *Kirkia* 16: 69–83.
(4) Diniz. 1997. *FZ* 9,2: 29–37.
(5) Immelman. 2000. *Bothalia* 30: 27–30.

arabica Decne. = **P. blanda**

bachmannii C.DC. = **P. retusa** var. **bachmannii**

blanda (Jacq.) Kunth
P. arabica Decne. (2)
P. blanda (Jacq.) Kunth var. *leptostachya* (Hook. & Arn.) Düll (2)
P. leptostachya Hook. & Arn. (2)
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 20–1850 m. LIM, M, S, KZN, EC

blanda (Jacq.) Kunth var. *leptostachya* (Hook. & Arn.) Düll = **P. blanda**

leptostachya Hook. & Arn. = **P. blanda**

reflexa (L.f.) A.Dietr. = **P. tetraphylla**

reflexa (L.f.) A.Dietr. var. *capense* (Miq.) C.DC. = **P. tetraphylla**

retusa (L.f.) A.Dietr. var. **bachmannii** (C.DC.) Düll
P. bachmannii C.DC. (1)
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 20–2000 m. M, S, FS, KZN, WC, EC

retusa (L.f.) A.Dietr. var. *ciliolata* C.DC. = **P. retusa** var. **retusa**

retusa (L.f.) A.Dietr. var. **retusa**
P. retusa (L.f.) A.Dietr. var. *ciliolata* C.DC. (1)
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 90–1760 m. LIM, M, S, KZN, WC, EC

rotundifolia (L.) Kunth
Perennial. Herb, succulent, occ. epiphyte. Ht variable. Alt 30–610 m. KZN, EC

tetraphylla (G.Forst.) Hook. & Arn.
P. reflexa (L.f.) A.Dietr. (1)
P. reflexa (L.f.) A.Dietr. var. *capense* (Miq.) C.DC. (1)
Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 1020–2135 m. LIM, NW, G, M, S, KZN, L, WC, EC

PIPER L. 1862000

(1) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1583.
(2) Verdcourt. 1996. *FTEA* Piperaceae: 1–9.
(3) Diniz. 1997. *FZ* 9,2: 25–28.
(4) Immelman. 2000. *Bothalia* 30: 25–27.

capense L.f. var. **capense**
Perennial. Shrub. Ht 0.5–3 m. Alt 15–1760 m. LIM, M, S, KZN, WC, EC

PITTOSPORACEAE

Compiled by M. Jordaan

***HYMENOSPORUM** R.Br. ex F.Muell. 3254000

(1) Cufodontis. 1961. *FZ* 1: 298.

flavum (Hook.) R.Br. ex F.Muell.
Perennial. Tree or shrub. Ht 1–15 m. Alt 0–1000 m. KZN

PITTOSPORUM Banks ex Sol. 3252000

(1) Cufodontis. 1961. *FZ* 1: 298–303.
(2) Cufodontis. 1966. *FTEA* Pittosporaceae: 1–13.
(3) Faria. 1973. *Agronomia Moçambicana* 7: 99–103.
(4) Hillier. 1981. *Manual of trees & shrubs*: 223, 224.
(5) Friis. 1987. *Kew Bulletin* 42: 319–335.
(6) Killick. 1991. *The Flowering Plants of Africa* 51: t. 2026.

abyssinicum Delile var. angolense Oliv. = **P. viridiflorum**

antunesii Engl. = **P. viridiflorum**

commutatum Putt. = **P. viridiflorum**

***crassifolium** A.Cunn.
Perennial. Tree. Ht 1–4 m. Alt 914–1700 m. WC, EC

floribundum Wight & Arn. = **P. viridiflorum**

kruegeri Engl. = **P. viridiflorum**

malosanum Baker = **P. viridiflorum**

quartinianum Cufod. = **P. viridiflorum**

***undulatum** Vent.
Perennial. Tree. Ht 3–6 m. Alt 30–855 m. KZN, WC, EC

viridiflorum Sims
P. abyssinicum Delile var. *angolense* Oliv. (1)
P. antunesii Engl. (1)

P. commutatum Putt. (1)
P. floribundum Wight & Arn. (1)
P. kruegeri Engl. (1)
P. malosanum Baker (1)
P. quartinianum Cufod. (1)
P. viridiflorum Sims subsp. *malosanum* (Baker) Cufod. (5)
P. viridiflorum Sims subsp. *quartinianum* (Cufod.) Cufod. (5)
P. viridiflorum Sims var. *angolense* (Oliv.) Cufod. (5)
P. viridiflorum Sims var. *commutatum* (Putt.) Moeser (5)
P. viridiflorum Sims var. *kruegeri* (Engl.) Moeser (5)
P. vosseleri Engl. (2)

Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

viridiflorum Sims subsp. *malosanum* (Baker) Cufod. = **P. viridiflorum**

viridiflorum Sims subsp. *quartinianum* (Cufod.) Cufod. = **P. viridiflorum**

viridiflorum Sims var. *angolense* (Oliv.) Cufod. = **P. viridiflorum**

viridiflorum Sims var. *commutatum* (Putt.) Moeser = **P. viridiflorum**

viridiflorum Sims var. *kruegeri* (Engl.) Moeser = **P. viridiflorum**

vosseleri Engl. = **P. viridiflorum**

PLANTAGINACEAE

Compiled by W.G. Welman

PLANTAGO L. 8116000

(1) Glen. 1998. *Bothalia* 28: 151–157.

***afra** L.
Annual. Herb. Ht 0.15–0.35 m. Alt? WC, EC?

***aristata** Michx.
Perennial. Herb. Ht 0.3–0.45 m. Alt 1500–1800 m. G, FS, KZN

***bigelovii** A.Gray
Annual. Herb. Ht 0.03–0.15 m. Alt? WC

cafra Decne.
P. capillaris E.Mey. ex Decne. (1)
Annual. Herb. Ht 0.02–0.15 m. Alt 120–1500 m. N, NC, WC

capillaris E.Mey. ex Decne. = **P. cafra**

carnosa Lam. = **P. crassifolia** var. **crassifolia**

***coronopus** L.
Annual. Herb. Ht 0.07–0.35 m. Alt 200–800 m. WC, EC

crassifolia Forssk. var. **crassifolia**
P. carnosa Lam. (1)
P. litoraria Fourc. (1)
Perennial. Dwarf shrub or herb. Ht 0.12–0.4 m. Alt 1–765 m. WC, EC

crassifolia Forssk. var. **hirsuta** (Thunb.) Bég.
P. hirsuta Thunb. (1)
Perennial. Dwarf shrub or herb. Ht 0.09–0.3 m. Alt? WC, EC

dregeana Decne. = **P. major**

hirsuta Thunb. = **P. crassifolia** var. **hirsuta**

lanceolata L.
Perennial. Herb. Ht 0.02–0.8 m. Alt 5–2425 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

laxiflora Decne.
Annual? Herb. Ht 0.32–0.95 m. Alt? EC

litoraria Fourc. = **P. crassifolia** var. **crassifolia**

longissima Decne.
P. longissima Decne. var. *burkei* Pilg. (1)
P. longissima Decne. var. *densiuscula* Pilg. (1)
Perennial. Herb. Ht 0.25–1.2 m. Alt 610–2150 m. LIM, NW, G, M, S, KZN, EC

longissima Decne. var. *burkei* Pilg. = **P. longissima**

longissima Decne. var. *densiuscula* Pilg. = **P. longissima**

major L.
P. dregeana Decne. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 10–1705 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

***myosuros** Lam.
Annual or perennial. Herb. Ht 0.08–0.25 m. Alt ?–1844 m. G, M, KZN, EC

remota Lam.
Perennial. Herb. Ht 0.2–0.5 m. Alt ?–610 m. WC, EC

***rhodosperma** Decne.
Annual. Herb. Ht 0.06–0.5 m. Alt 40–50 m. EC

***virginica** L.
Perennial. Herb. Ht 0.25–0.55 m. Alt 30–2000 m. LIM, G, M, FS, KZN, WC, EC

PLUMBAGINACEAE

Compiled by C.L. Bredenkamp

AFROLIMON Lincz. 6351020

(1) Linczevski. 1979. *Novosti Sistematiki Vysshikh Rasttenij* 16: 167, 168.
(2) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 529.

amoenum (C.H.Wright) Lincz.
Limonium amoenum (C.H.Wright) R.A.Dyer (1)
Statice amoena C.H.Wright (1)
Perennial. Dwarf shrub. Ht 0.3–? m. Alt ± 700 m. NC, WC

capense (L.Bolus) Lincz.
Limonium capense (L.Bolus) L.Bolus (1)
Statice capensis L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ± 40 m. WC

longifolium (Thunb.) Lincz.
Limonium longifolium (Thunb.) R.A.Dyer (1)
Statice longifolia Thunb. (1)
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ± 200 m. NC, WC

namaquanum (L.Bolus) Lincz.
Limonium namaquanum L.Bolus (1)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–300 m. NC

perigrinum (P.J.Bergius) Lincz.
Limonium perigrinum (P.J.Bergius) R.A.Dyer (1)
Limonium roseum (Sm.) Kuntze (1)
Statice perigrina P.J.Bergius (1)
Perennial. Shrub. Ht ± 1 m. Alt 0–100 m. NC, WC

purpuratum (L.) Lincz.
Limonium purpuratum (L.) F.T.Hubb. ex L.H.Bailey (1)
Statice purpurata L. (1)
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt 0–300 m. WC

teretifolium (L.) Lincz.
Limonium teretifolium L.Bolus (1)
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 700–1000 m. WC

DYEROPHYTUM Kuntze 6345000

(1) Dyer. 1963. *FSA* 26: 19, 20.

africanum (Lam.) Kuntze
Vogelia africana Lam. (1)
Perennial. Shrub. Ht 0.1–5 m. Alt 200–1850 m. N, NC

LIMONIUM Mill. 6351010

(1) Dyer. 1963. *FSA* 26: 20–31.
(2) Roessler & Schreiber. 1967. *FSWA* 105: 1–4.
(3) Pignatti. 1972. *Flora europaea* 3: 38–50.
(4) Erben. 1978. *Mitteilungen aus der Botanischen Staatssammlung München* 14: 361–631.
(5) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 529, 530.

acuminatum L.Bolus
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 15–45 m. WC

amoenum (C.H.Wright) R.A.Dyer = **Afrolimon amoenum**

anthericoides (Schltr.) R.A.Dyer
Statice anthericoides Schltr. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 15–110 m. WC

capense (L.Bolus) L.Bolus = **Afrolimon capense**

decumbens (Boiss.) Kuntze
Statice decumbens Boiss. (1)
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 0–100 m. WC

depauperatum (Boiss.) R.A.Dyer
Statice equisetina Boiss. var. *depauperata* Boiss. (1)
Perennial. Shrub or dwarf shrub. Ht up to 0.5 m. Alt up to 100 m. WC

dregeanum (C.Presl) Kuntze
Statice dregeana C.Presl (1)
Perennial. Dwarf shrub. Ht 0.18–0.3 m. Alt 540–1366 m. N, NC, WC, EC

dyeri Lincz.
L. membranaceum R.A.Dyer (2)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 30 m. N

equisetinum (Boiss.) R.A.Dyer
Statice equisetina Boiss. (1)
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 1–305 m. WC

kraussianum (Buchinger ex Boiss.) Kuntze
Statice kraussiana Buchinger ex Boiss. (1)
Perennial. Dwarf shrub. Ht up to 0.1 m. Alt 30–165 m. WC

linifolium (L.f.) Kuntze var. **linifolium**
Statice linifolia L.f. (1)
Perennial. Shrub, dwarf shrub. Ht up to 1.25 m. Alt 3–580 m. WC, EC

linifolium (L.f.) Kuntze var. **maritimum** (Eckl. & Zeyh. ex Boiss.) R.A.Dyer
Statice linifolia L.f. var. *maritima* Eckl. & Zeyh. ex Boiss. (1)
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 3–60 m. WC, EC

longifolium (Thunb.) R.A.Dyer = **Afrolimon longifolium**

membranaceum R.A.Dyer = **L. dyeri**

namaquanum L.Bolus = **Afrolimon namaquanum**

perigrinum (P.J.Bergius) R.A.Dyer = **Afrolimon peregrinum**

purpuratum (L.) F.T.Hubb. ex L.H.Bailey = **Afrolimon purpuratum**

roseum (Sm.) Kuntze = **Afrolimon peregrinum**

scabrum (Thunb.) Kuntze var. **avenaceum** (C.H.Wright) R.A.Dyer
Statice avenacea C.H.Wright (1)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 10–60 m. WC

scabrum (Thunb.) Kuntze var. **corymbulosum** (Boiss.) R.A.Dyer
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt up to 30 m. WC

scabrum (Thunb.) Kuntze var. **scabrum**
Statice scabra Thunb. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1–305 m. NC, WC, EC

sinuatum (L.) Mill.
Perennial. Herb. Ht up to 0.45 m. Alt 5–900 m. NC, WC, EC

teretifolium L.Bolus = **Afrolimon teretifolium**

PLUMBAGO L. 6343000

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 222.
(2) Steenis. 1949. *Flora Malesiana* 4: 109–111.
(3) Dyer. 1963. *FSA* 26: 16–19.
(4) Roessler & Schreiber. 1967. *FSWA* 105: 3.
(5) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 527.

auriculata Lam.
P. capensis Thunb. (3)
Perennial. Shrub. Ht 0.3–1.4 m. Alt 15–1623 m. G, M, FS, KZN, WC, EC

capensis Thunb. = **P. auriculata**

pearsonii L.Bolus
Perennial. Shrub. Ht 0.45–1.5 m. Alt up to 1510 m. N

tristis Aiton
Perennial. Shrub. Ht up to 0.8 m. Alt 305–1000 m. WC

wissii Friedrich
Perennial. Shrub. Length up to 1 m. Alt ± 1500 m. N

zeylanica L.
Perennial. Shrub. Ht 0.3–2 m. Alt 75–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

STATICE Boiss. 6351000

amoena C.H.Wright = **Afrolimon amoenum**

anthericoides Schltr. = **Limonium anthericoides**

avenacea C.H.Wright = **Limonium scabrum** var. **avenaceum**

capensis L.Bolus = **Afrolimon capense**

decumbens Boiss. = **Limonium decumbens**

dregeana C.Presl = **Limonium dregeanum**

equisetina Boiss. = **Limonium equisetinum**

equisetina Boiss. var. *depauperata* Boiss. = **Limonium depauperatum**

kraussiana Buchinger ex Boiss. = **Limonium kraussianum**

linifolia L.f. = **Limonium linifolium** var. **linifolium**

linifolia L.f. var. *maritima* Eckl. & Zeyh. ex Boiss. = **Limonium linifolium** var. **maritimum**

longifolia Thunb. = **Afrolimon longifolium**

perigrina P.J.Bergius = **Afrolimon peregrinum**

purpurata L. = **Afrolimon purpuratum**

scabra Thunb. = **Limonium scabrum** var. **scabrum**

VOGELIA Lam. 6345010

africana Lam. = **Dyerophytum africanum**

PODOSTEMACEAE

Compiled by R.P. Glen & C.D.K. Cook

DICRAEIA Thouars 3151000

warmingii Engl. = **Letestuella tisserantii**

DUFOURIA Bory 3140010

trifaria Bory ex Willd. = **Tristicha trifaria** subsp. **trifaria**

INVERSODICRAEA Engl. 3151010

warmingiana (Gilg) Engl. = **Ledermanniella warmingiana**

LACIS Schreb. 3150000

ceratophylla in sense of Drège, misapplied name = **Sphaerothylax algiformis**

LEDERMANNIELLA Engl. 3151020

(1) Obermeyer. 1970. *FSA* 13: 205, 208.
(2) Cusset. 1974. *Adansonia* 14,2: 271–275.

warmingiana (Gilg) C.Cusset
Inversodicraea warmingiana (Gilg) Engl. (2)
Sphaerothylax warmingiana Gilg ex Warm. (1)
Perennial. Hydrophyte: haptophyte. Ht 10–100 mm. Alt 600–900 m. N

LEIOTHYLAX Warm. 3152000

warmingii (Engl.) Warm. = **Letestuella tisserantii**

warmingii of author, not of (Engl.) Warm., concept invalid = **Letestuella tisserantii**

LETESTUELLA G.Taylor 3152010

(1) Taylor. 1953. *Bulletin of the British Museum (National History, Botany)* 1,3: 57.
(2) Obermeyer. 1970. *FSA* 13: 205, 208, 209.
(3) Cusset. 1980. *Adansonia* 20: 199–209.

tisserantii G.Taylor
Dicraeia warmingii Engl. (2)
Leiothylax warmingii (Engl.) Warm. (3)
Leiothylax warmingii of author, not of (Engl.) Warm., concept invalid (3)
Perennial. Hydrophyte: haptophyte. Ht 60–200 mm. Alt 600–900 m. N

SPHAEROTHYLAX Bisch. 3159000

(1) Obermeyer. 1970. *FSA* 13: 205, 209–211.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 81.

algiformis Bisch. ex C.Krauss
Lacis ceratophylla in sense of Drège, misapplied name (1)
S. wageri G.Taylor (1)
Perennial. Hydrophyte: haptophyte. Ht 30–90 mm. Alt 1000–2700 m. M, KZN, EC

wageri G.Taylor = **S. algiformis**

warmingiana Gilg ex Warm. = **Ledermanniella warmingiana**

TRISTICHA Thouars 3140000

(1) Hill. 1912. *FC* 5: 482, 483.
(2) Merxmüller. 1966. *FSWA* 62: 1, 2.
(3) Obermeyer. 1970. *FSA* 13: 205–207.
(4) Cusset & Cusset. 1988. *Bulletin du Muséum National d'Histoire Naturelle* 10: 169–171.

dregeana Tul. = **T. trifaria** subsp. **trifaria**

hypnoides Spreng. = **T. trifaria** subsp. **trifaria**

trifaria (Bory ex Willd.) Spreng. subsp. **trifaria**
Dufouria trifaria Bory ex Willd. (3)
T. dregeana Tul. (2)
T. hypnoides Spreng. (3)
Perennial. Hydrophyte: haptophyte. Ht 8–170 mm. Alt 140–1470 m. N, LIM, M, KZN, EC

POLYGALACEAE

Compiled by C.L. Bredenkamp

HETEROSAMARA Kuntze 4273001

(1) Paiva. 1998. *Fontqueria* 50: 117–136.

galpinii (Hook.f.) Paiva
Polygala galpinii Hook.f. (1)
Perennial. Shrub. Ht 0.9–1.5 m. Alt 900–1600 m. M, S, KZN

MUNDIA Kunth 4279010

scoparia Eckl. & Zeyh. = **Nylandtia scoparia**

spinosa (L.) DC. = **Nylandtia spinosa**

MURALTIA DC. 4278000

(1) Levyns. 1954. *Journal of South African Botany*, Suppl. Vol. 2: 5–247.
(2) Paiva. 1981. *Bothalia* 13: 458–460.
(3) Vlok. 1989. *South African Journal of Botany* 55: 365–368.

acerosa Harv.
Perennial. Dwarf shrub. Ht 0.08–0.16 m. Alt? WC

acicularis Harv.
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 517–1220 m. NC, WC

acipetala Harv.
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 215–305 m. WC

aciphylla Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC

alba Levyns
M. alopecuroides (L.) DC. var. *latifolia* Harv. in part (1)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 310–1145 m. WC

alopecuroides (L.) DC.
M. candollei Eckl. & Zeyh. (1)
M. conferta DC. (1)
M. macroceras in sense of Eckl. & Zeyh., not of DC., misapplied name (1)
M. squarrosa Eckl. & Zeyh., not of (L.f.) DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 0–2100 m. WC, EC

alopecuroides (L.) DC. var. *latifolia* Harv. in part = **M. alba**

alticola Schltr.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 61–2500 m. FS, KZN, L, NC, WC, EC

angulosa Turcz.
M. striata Eckl. & Zeyh., not of DC. (1)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 550–1525 m. NC, WC

angustiflora Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt up to 700 m. WC

anthospermifolia Eckl. & Zeyh. = **M. ciliaris**

arachnoidea Chodat
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 548–1426 m. WC

aspalatha DC.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 15–215 m. WC

aspalathoides Schltr.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 30–155 m. WC

asparagifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 610 m. WC

aspera Eckl. & Zeyh. = **M. thymifolia**

azorella Chodat = **M. empetroides**

barkerae Levyns
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt ± 18 m. WC

beiliana (Eckl. & Zeyh.) Harv. = **M. muraltioides**

bolusii Levyns
Perennial. Dwarf shrub. Ht? Alt 1–500 m. WC

bondii Vlok
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt ± 1600 m. WC

brachyceras Schltr.
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt 915–1463 m. WC

brachypetala Wolley-Dod
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 230–350 m. WC

brevicornu DC.
M. striata DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.82 m. Alt 115–915 m. WC

brevifolia DC. = **M. dumosa**

burmannii DC. = **M. ericoides**

caledonensis Levyns
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 300 m. WC

calycina Harv.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 80–215 m. WC

candollei Eckl. & Zeyh. = **M. alopecuroides**

capensis Levyns
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? WC

carnosa E.Mey. ex Harv.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 1100–2000 m. WC, EC

chamaepitys Chodat
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 245–915 m. WC

ciliaris DC.
M. anthospermifolia Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 15–765 m. WC

cliffortiifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt ± 860 m. WC

collina Levyns
Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 5–600 m. WC

commutata Levyns
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 900–1500 m. WC

comptonii Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 155–305 m. WC

concava Levyns
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1525 m. WC

conferta DC. = **M. alopecuroides**

conjuncta Chodat = **M. empetroides**

crassifolia Harv.
Perennial. Dwarf shrub. Ht 0.08–0.16 m. Alt 1370–1981 m. WC

curvipetala Levyns
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 270–900 m. WC

cuspifolia Chodat
Perennial. Dwarf shrub. Ht 0.07–0.1 m. Alt ± 155 m. WC

cyclolopha Chodat
Perennial. Dwarf shrub. Ht 0.06–0.7 m. Alt 7–60 m. WC

decipiens Schltr.
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt ± 425 m. WC

demissa Wolley-Dod
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 155–700 m. WC

depressa DC.
Perennial. Dwarf shrub. Ht 0.16–0.25 m. Alt 15–200 m. WC

diabolica Levyns
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC

diffusa DC. = **M. stipulacea**

dispersa Levyns
Perennial. Dwarf shrub. Ht 0.16–0.5 m. Alt 120–1500 m. WC

divaricata Eckl. & Zeyh.
M. incompta Harv. (1)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 250–765 m. NC, WC, EC

divaricata Eckl. & Zeyh. var. *obtusifolia* Harv. = **M. rhamnoides**

dregei Harv., not of C.Presl = **M. harveyana**

dumosa (Poir.) DC.
M. brevifolia DC. (1)
Perennial. Dwarf shrub. Ht 0.03–1.5 m. Alt 55–900 m. WC

ecornuta N.E.Br. = **M. flanaganii**

elsieae Paiva
Perennial. Dwarf shrub. Ht ± 1.5 m. Alt? WC

empetroides Chodat
M. azorella Chodat (1)
M. conjuncta Chodat (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1200–2010 m. LIM, G, M, S, L

empleuridioides Schltr. var. **diversifolia** Levyns
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 21–500 m. WC

empleuridioides Schltr. var. **empleuridioides**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–915 m. WC, EC

ericaefolia DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 5–1830 m. WC, EC

ericoides (Burm.f.) Steud.
M. burmannii DC. (1)
M. faciculata (Poir.) DC. (1)
M. linophylla DC. (1)
M. neglecta Levyns (1)
M. poiretii DC. (1)
M. stipulacea in sense of (Thunb.) Harv., not of (Burm.f.) DC., misapplied name (1)
M. virgata DC. (1)
Perennial. Dwarf shrub. Ht 0.13–0.4 m. Alt 5–3078 m. WC

exilis Schltr. = **M. filiformis** var. **filiformis**

faciculata (Poir.) DC. = **M. ericoides**

ferox Levyns
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt ± 300 m. WC

filiformis (Thunb.) DC. var. **caledonensis** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 20–1250 m. WC

filiformis (Thunb.) DC. var. **filiformis**
M. exilis Schltr. (1)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC

flanaganii Bolus
M. ecornuta N.E.Br. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1160–3355 m. LIM, M, FS, KZN, L, EC

gillettiae Levyns
Perennial. Dwarf shrub. Ht 0.06–0.25 m. Alt? WC

guthriei Levyns
Perennial. Dwarf shrub. Ht ± 0.45 m. Alt? WC

harveyana Levyns
M. dregei Harv., not of C.Presl (1)
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 1–650 m. WC

heisteria (L.) DC.
Perennial. Shrub, dwarf shrub. Ht 0.2–2.43 m. Alt 5–1705 m. NC, WC, EC

hirsuta Levyns
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt up to 120 m. WC

horrida Diels
Perennial. Dwarf shrub. Ht 0.2–0.91 m. Alt 900–1585 m. NC, WC

hyssopifolia Chodat
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 460–925 m. WC

incompta Harv. = **M. divaricata**

inconstans Levyns = **M. thymifolia**

juniperifolia (Poir.) DC.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 600–1400 m. WC, EC

karroica Levyns
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 760–1463 m. WC

knysnaensis Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 155 m. WC

lancifolia Harv.
M. pilosa Harv. (1)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 60–1525 m. KZN, EC

langebergensis Levyns
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1500 m. WC

laricifolia Eckl. & Zeyh. = **M. macroceras**

leptorhiza Turcz.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 305–1250 m. WC

lewisiae Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? WC

lignosa Levyns
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 900–1220 m. WC

linophylla DC. = **M. ericoides**

longicuspis Turcz.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1200–1830 m. WC

macowanii Levyns
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 155–1160 m. WC

macrocarpa Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 600–2440 m. L, WC, EC

macroceras DC.
M. laricifolia Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 30–1387 m. WC, EC

macroceras in sense of Eckl. & Zeyh., not of DC., misapplied name = **M. alopecuroides**

macropetala Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 40–426 m. WC

micrantha (Thunb.) A.Dietr. = **M. stipulacea**

minuta Levyns
Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt ± 5 m. WC

mitior (P.J.Bergius) Levyns
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 19–1675 m. WC

mixta (L.f.) DC.
Perennial. Dwarf shrub. Ht up to 0.16 m. Alt 230–1675 m. WC

montana Levyns
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1800–? m. WC

muirii F.Bolus
Perennial. Dwarf shrub. Ht 0.14–0.2 m. Alt 300–600 m. WC

muraltioides (Eckl. & Zeyh.) Levyns
M. beiliana (Eckl. & Zeyh.) Harv. (1)
Polygala beiliana Eckl. & Zeyh. in part (1)
Polygala muraltioides Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 130–975 m. WC

mutabilis Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? WC

namaquensis Levyns
Perennial. Shrub, dwarf shrub. Ht 0.5–0.91 m. Alt ± 610 m. NC, WC

neglecta Levyns = **M. ericoides**

obovata DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 106–840 m. NC, WC

occidentalis Levyns
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt? WC

ononidifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–1.16 m. Alt 90–825 m. WC

orbicularis Hutch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 155–245 m. WC

origanoides C.Presl
M. reticulata Harv. (1)
Perennial. Dwarf shrub. Ht 0.22–0.45 m. Alt 60–670 m. WC

oxysepala Schltr.
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 152–550 m. WC

pachyphylla Chodat = **M. rhamnoides**

pageae Levyns
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt up to 82 m. WC

paludosa Levyns
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

pappeana Harv.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 18–213 m. WC

parvifolia N.E.Br.
Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 759–1375 m. NC, WC

pauciflora (Thunb.) DC.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 120–1525 m. WC

petraea Chodat = **M. polyphylla**

phylicoides Harv., not of DC. = **M. thunbergii**

pillansii Levyns
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–915 m. WC

pilosa Harv. = **M. lancifolia**

plumosa Chodat
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 600–1200 m. WC

poiretii DC. = **M. ericoides**

polyphylla (DC.) Levyns
M. petraea Chodat (1)
Polygala polyphylla DC. (4)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1070–1680 m. WC

pottebergensis Levyns
Perennial. Dwarf shrub. Ht ± 0.8 m. Alt ± 185 m. WC

pubescens DC.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 750–? m. WC

pungens Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 15–245 m. WC

rara Levyns

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt up to 2000 m. EC

reticulata Harv. = **M. origanoides**

rhamnoides Chodat
M. divaricata Eckl. & Zeyh. var. *obtusifolia* Harv. (1)
M. pachyphylla Chodat (1)
Perennial. Shrub, dwarf shrub. Ht 0.05–0.91 m. Alt 45–1700 m. NC, WC

rhinostigma Chodat = **M. salsolacea**

rigida E.Mey. ex Turcz.
Perennial. Shrub, dwarf shrub. Ht 0.05–0.4 m. Alt 1220–1524 m. NC

rosmarinifolia Levyns
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt ± 210 m. WC

rubeacea Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–1.21 m. Alt 60–610 m. WC

salsolacea Chodat
M. rhinostigma Chodat (1)
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 18–1524 m. WC

salteri Levyns in part = **M. satureioides** var. **salteri**

salteri Levyns in part = **M. satureioides** var. **satureioides**

satureioides DC. var. **floribunda** Levyns
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

satureioides DC. var. **salteri** Levyns
M. salteri Levyns in part (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 60 m. WC

satureioides DC. var. **satureioides**
M. salteri Levyns in part (1)
Perennial. Shrub (dwarf shrub). Ht 0.07–0.76 m. Alt 5–765 m. WC

saxicola Chodat
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 215–2750 m. LIM, M, S, FS, KZN, L, EC

schlechteri Levyns
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt up to 1065 m. WC

scoparia (Eckl. & Zeyh.) Levyns, misapplied name = **Nylandtia scoparia**

serpylloides DC.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 152–660 m. WC

serpylloides in sense of Eckl. & Zeyh., not of DC., misapplied name = **M. thymifolia**

serrata Levyns
Perennial. Dwarf shrub. Ht? Alt? WC

spicata Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 300 m. WC

splendens Levyns
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 6–180 m. WC

squarrosa Eckl. & Zeyh., not of (L.f.) DC. = **M. alopecuroides**

squarrosa (L.f.) DC.
Perennial. Shrub. Ht 0.1–1.52 m. Alt 10–1435 m. WC, EC

stenophylla Levyns
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 200–1200 m. WC

stipulacea (Burm.f.) DC.
M. diffusa DC. (1)
M. micrantha (Thunb.) A.Dietr. (1)
Perennial. Dwarf shrub. Ht ± 0.76 m. Alt 90–520 m. WC

stipulacea in sense of (Thunb.) Harv., not of (Burm.f.) DC., misapplied name = **M. ericoides**

stokoei Levyns
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC

striata DC. = **M. brevicornu**

striata Eckl. & Zeyh., not of DC. = **M. angulosa**

tenuifolia (Poir.) DC.
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 75–1400 m. WC

thunbergii Eckl. & Zeyh.
M. phylicoides Harv., not of DC. (1)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 25–350 m. WC

thymifolia (Thunb.) DC.
M. aspera Eckl. & Zeyh. (1)
M. inconstans Levyns (1)
M. serpylloides in sense of Eckl. & Zeyh., not of DC., misapplied name (1)
Perennial. Dwarf shrub. Ht 0.12–0.6 m. Alt 6–3050 m. WC

trinervia (L.f.) DC.
Polygala beiliana Eckl. & Zeyh. in part (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 90–750 m. WC

virgata DC. = **M. ericoides**

vulnerans Levyns
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 600–1220 m. WC, EC

vulpina Chodat
Perennial. Shrub, dwarf shrub. Ht 0.2–1.21 m. Alt 120–750 m. WC

NYLANDTIA Dumort. 4279000

(1) Levyns. 1954. *Journal of South African Botany*, Suppl. Vol. 2: 1–247.
(2) Bullock. 1965. *Kew Bulletin* 19: 202.
(3) Johnson & Weitz. 1991. *South African Journal of Botany* 57: 229–233.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 715.

scoparia (Eckl. & Zeyh.) Goldblatt & J.C.Manning
Mundia scoparia Eckl. & Zeyh. (3)
Muraltia scoparia (Eckl. & Zeyh) Levyns (1)
N. spinosa (L.) Dumort. var. *scoparia* (Eckl. & Zeyh.) C.T.Johnson & Weitz (4)
Perennial. Shrub. Ht up to 4 m. Alt ? NC, WC

spinosa (L.) Dumort. var. *scoparia* (Eckl. & Zeyh.) C.T.Johnson & Weitz = **N. scoparia**

spinosa (L.) Dumort.
Mundia spinosa (L.) DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.01–4 m. Alt 5–1330 m. NC, WC, EC

POLYGALA L. 4273000

(1) Linnaeus. 1753. *Species plantarum* edn 1: 701–706.
(2) Harvey. 1860. *FC* 1: 80–94.
(3) Chodat. 1913. *Botanische Jahrbücher* 48: 309–333.
(4) Merrill. 1938. *Journal of the Arnold Arboretum* 19: 352.

(5) Levyns. 1955. *Journal of South African Botany* 21: 9–49.
(6) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1192.
(7) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1259.
(8) Exell. 1961. *FZ* 1: 303–336.
(9) Friedrich-Holzhammer & Merxmüller. 1973. *FSWA* 73: 1–8.
(10) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1861.
(11) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 70–72.
(12) Paiva. 1993. *El género* Polygala (unpub. thesis Univ. Vigo): 205–585.
(13) Paiva. 1998. *Fontqueria* 50: 1–346.

abyssinica in sense of Gibbs, misapplied name = **P. hottentotta**

affinis DC. = **P. scabra**

africana Chodat
P. capillaris E.Mey. subsp. *capillaris* in part (8, 13)
Annual. Herb. Ht 0.08–0.12 m. Alt 2000–2150 m. N, LIM, G, M, S

albida Schinz subsp. **albida**
Annual. Herb. Ht 0.05–0.6 m. Alt 686–1800 m. N, B, LIM, G, M, S, KZN

amatymbica Eckl. & Zeyh.
Perennial. Herb. Ht 0.03–0.2 m. Alt 230–2135 m. LIM, NW, G, M, FS, KZN, L, EC

arcuata Chodat = **P. rodrigueana**

armata Chodat = **P. leptophylla** var. **armata**

asbestina Burch.
Perennial. Dwarf shrub, herb. Ht 0.07–0.3 m. Alt 85–2595 m. NW, FS, NC, WC, EC

asbestina Burch. var. *rigens* (Burch.) Harv. = **P. rigens**

beiliana Eckl. & Zeyh. in part = **Muraltia muraltioides**

beiliana Eckl. & Zeyh. in part = **Muraltia trinervia**

bicornis (Burch.) Chodat = **P. schinziana**

bowkerae Harv.
Annual. Dwarf shrub. Ht 0.15–0.3 m. Alt 900–1830 m. WC, EC

brachyphylla Chodat
P. brevifolia Harv. (5)
Perennial. Dwarf shrub. Ht ± 0.35 m. Alt 350–1370 m. WC

bracteolata L.
P. calycina C.Presl. (13)
P. bracteolata L. var. *racemosa* Harv. (13)
P. bracteolata L. var. *umbellata* Harv. (13)
P. macra in sense of Harv. in part, not of DC. (13)
P. pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name (13)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 5–1145 m. NC, WC, EC

bracteolata L. var. *racemosa* Harv. = **H. bracteolata**

bracteolata L. var. *umbellata* Harv. = **H. bracteolata**

brevifolia Harv. = **P. brachyphylla**

burmanii DC. = **P. scabra**

calycina C.Presl. = **P. bracteolata**

capillaris E.Mey. ex Harv. var. *bosobolensis* Petit = **P. capillaris** subsp. **capillaris**

capillaris E.Mey. ex Harv. var. *tukpwoensis* Petit = **P. capillaris** subsp. **capillaris**

capillaris E.Mey. subsp. **capillaris**
P. capillaris E.Mey. ex Harv. var. *bosobolensis* Petit (13)
P. capillaris E.Mey. ex Harv. var. *tukpwoensis* Petit (13)
Annual. Herb. Ht 0.08–0.15 m. Alt ± 1800 m. B, LIM, G, M, S, KZN, EC

capillaris E.Mey. subsp. *capillaris* in part = **P. africana**

chloroptera Chodat = **P. serpentaria**

ciliatifolia Turcz. = **P. umbellata**

confusa MacOwan = **P. macowaniana**

dasyphylla Levyns
Perennial. Herb. Ht ± 0.3 m. Alt? WC

declinata (Harv.) E.Mey. ex Paiva
P. hispida Busch. ex DC. var. *declinata* Harv. (13)
Perennial. Herb, prostrate. Length ± 0.15 m. Alt? G

durbanensis Chodat (insufficiently known) (13)

eckloniana C.Presl = **P. teretifolia**

empetrifolia Houtt. (insufficiently known) (13)

ephedroides Burch.
P. genistoides Poir. var. *ephedroides* (Burch.) DC. (13)
P. virgata Thunb. var. *genistoides* (Poir.) Harv. in part (13)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 30–3078 m. N, FS, NC, WC, EC

ericaefolia DC.
Perennial. Dwarf shrub, herb. Ht 0.17–0.5 m. Alt 5–1370 m. WC, EC

ericaefolia in sense of Harv. in part, misapplied name = **P. microlopha** var. **microlopha**

erioptera DC. subsp. **erioptera**
Annual. Herb. Ht ± 0.3 m. Alt 0–2000 m. N, B, LIM, M

erioptera DC. subsp. **petraea** (Chodat) Paiva
P. petraea Chodat (13)
Annual. Subshrub, herb. Ht ± 0.3 m. Alt ± 2500 m. WC

erubescens E.Mey. ex Chodat
P. hispida in sense of Harv. in part, as for synonym (13)
Perennial. Herb, prostrate. Length ± 0.1 m. Alt? FS, L, EC

esterae Chodat = **P. gazensis**

fallax Hayek (insufficiently known) (13)

fruticosa P.J.Bergius
P. oppositifolia L. (5)
P. oppositifolia L. var. *latifolia* (Ker Gawl.) Harv. (5)
Perennial. Shrub, dwarf shrub. Ht 0.5–3.04 m. Alt 5–2010 m. S, KZN, NC, WC, EC

gagnebiniana Chodat = **P. sphenoptera** var. **sphenoptera**

galpinii Hook.f. = **Heterosamara galpinii**

garcinii DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 10–3078 m. NC, WC, EC

gazensis Baker f.
P. esterae Chodat (13)
P. teretifolia Baker f. var. *gazensis* (Baker f.) Norl. (13)
Perennial. Shrub, small tree. Ht 1–2.5 m. Alt 800–2000 m. KZN, EC

genistoides Poir. var. *ephedroides* (Burch.) DC. = **P. ephedroides**

gerrardii Chodat
Annual. Herb. Ht 0.07–0.2 m. Alt 90–2010 m. LIM, G, M, FS, KZN

gracilenta Burtt Davy

Perennial. Herb. Ht 0.1–0.3 m. Alt 1400–2000 m. LIM, NW, G, M, S, FS, KZN, L, EC

gracilipes Harv.
Perennial. Herb. Ht 0.08–0.15 m. Alt up to 765 m. WC

guerichiana Engl.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.52 m. Alt 200–700 m. N

gymnoclada MacOwan
Annual. Herb. Ht 0.2–0.5 m. Alt 516–2285 m. M, FS, KZN, L, WC, EC

hamata Burtt Davy = **P. uncinata**

hispida Burch. ex DC.
Perennial. Dwarf shrub, herb. Ht 0.06–0.28 m. Alt 155–3050 m. M, S, FS, KZN, L, NC, WC, EC

hispida Burch. ex DC. var. *declinata* Harv. = **P. declinata**

hispida in sense of Harv. in part, as for synonym = **P. erubescens**

hottentotta C.Presl
P. abyssinica in sense of Gibbs, misapplied name (8)
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 5–2505 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, EC

houtboshiana Chodat
Perennial. Herb. Ht ± 0.3 m. Alt ± 2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

illepida E.Mey. ex Harv.
Annual. Herb. Ht 0.1–0.2 m. Alt 700–1000 m. EC

kalaxariensis Schinz
P. kubangensis Gürke (9)
P. reflexa Schinz (16)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 595–2400 m. N, B

krumanina Burch. ex Ficalho & Hiern
Perennial. Shrub, prostrate. Length ± 0.15 m. Alt ± 1200 m. LIM, NW, G, M, NC

kubangensis Gürke = **P. kalaxariensis**

langebergensis Levyns
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt? WC

lasiosepala Levyns
Perennial. Shrub. Ht ± 1 m. Alt 0–500 m. N, NC, WC

leendertziae Burtt Davy
Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt ± 2012 m. LIM, G, M, S, FS, KZN

lehmanniana Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 1–1500 m. NC, WC

leptophylla Burch. var. **armata** (Chodat) Paiva
P. armata Chodat (13)
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt up to 1000 m. N, NW, NC

leptophylla Burch. var. **leptophylla**
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt up to 1554 m. N, B, LIM, NW, G, M, FS, NC, WC, EC

leucocarpa Chodat = **P. pallida**

levynsiana Paiva
P. microlopha DC. var. *gracilis* Levyns (13)
Annual. Herb. Ht ± 0.2 m. Alt? WC, EC

ludwigiana Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht ± 0.5 m. Alt ± 1200 m. WC

lysimachiifolia Chodat (insufficiently known) (13)

macowaniana Paiva
P. confusa MacOwan (13)
P. neglecta MacOwan (13)
Annual. Herb. Ht up to 0.3 m. Alt? KZN, EC

macra in sense of Harv. in part, not of DC., misapplied name = **P. bracteolata**

macra in sense of Harv. in part, not of DC., misapplied name = **P. pappeana**

marensis Burtt Davy
P. rogersii Burtt Davy (8)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 50–1220 m. LIM, KZN

merenskiana Dinter ms. (never published)

meridionalis Levyns
Perennial. Dwarf shrub. Ht 0.38–0.7 m. Alt 35–400 m. WC

microlopha DC. var. *gracilis* Levyns = **P. levynsiana**

microlopha DC. var. **microlopha**
P. ericaefolia in sense of Harv. in part, misapplied name (5)
Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt 61–1050 m. WC, EC

mossii Exell
Perennial. Dwarf shrub, herb. Ht 0.02–0.5 m. Alt 60–229 m. N, NC

muraltioides Eckl. & Zeyh. = **Muraltia muraltioides**

myrtifolia L. var. **myrtifolia**
Perennial. Shrub. Ht 0.3–2 m. Alt 0–1350 m. G, KZN, L, NC, WC, EC

myrtifolia L. var. **pinifolia** (Lam. ex Poir.) Paiva
P. pinifolia Lam. ex Poir. (13)
Perennial. Shrub. Ht 0.3–2 m. Alt 0–1300 m. WC, EC

natalensis Chodat = **P. serpentaria**

neglecta MacOwan = **P. macowaniana**

nematocaulis Levyns
P. pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name (5)
Annual. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 185–1405 m. WC

nodiflora Chodat (insufficiently known) (13)

ohlendorfiana Eckl. & Zeyh.
Perennial. Herb. Ht 0.06–0.25 m. Alt 20–2250 m. LIM, G, M, S, FS, KZN, L, EC

ophiura Chodat (insufficiently known) (13)

oppositifolia L. = **P. fruticosa**

oppositifolia L. var. *latifolia* (Ker Gawl.) Harv. = **P. fruticosa**

pallida E.Mey.
P. leucocarpa Chodat (9)
P. okongavensis Dinter ms. (12)
Annual. Herb. Ht 0.1–0.35 m. Alt 850–1100 m. N, B

pappeana Eckl. & Zeyh.
P. macra Harv. in part, not of DC., misapplied name (5)
Annual. Herb. Ht 0.15–0.5 m. Alt 50–1200 m. WC

pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name = **P. bracteolata**

pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name = **P. nematocaulis**

parkeri Levyns
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt up to 1000 m. WC

peduncularis Burch. ex DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.21 m. Alt 15–1829 m. WC

persicariaefolia in sense of Eyles, not of DC., misapplied name = **P. sphenoptera** var. **sphenoptera**

petraea Chodat = **P. erioptera** subsp. **petraea**

pinifolia Lam. ex Poir. = **P. myrtifolia** var. **pinifolia**

pinifolia L.f. in part, not of Poir., misapplied name = **P. teretifolia**

polyphylla DC. = **Muraltia polyphylla**

pottebergensis Levyns
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 20–1372 m. WC, EC

praticola Chodat
Annual. Herb. Ht 0.15–0.5 m. Alt 600–1900 m. KZN

producta N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 250–1900 m. LIM, NW, G, M, S, KZN, EC

pubiflora Burch.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–185 m. WC

pungens Burch.
Perennial. Dwarf shrub, herb. Ht 0.3–0.76 m. Alt up to 1370 m. FS, NC

pygmaea Gürke = **P. welwitschii** subsp. **pygmaea**

quartiniana A.Rich. = **P. sphenoptera** var. **sphenoptera**

recognita Chodat
Annual. Herb. Ht 0.15–0.35 m. Alt 30–610 m. WC

reflexa Schinz = **P. kalaxariensis**

refracta DC.
Annual. Herb. Ht 0.16–0.5 m. Alt 50–1800 m. FS, KZN, L, WC, EC

rehmannii Chodat
P. tenuifolia in sense of Harv. in part, not of Willd., misapplied name (8)
Perennial. Herb. Ht 0.25–0.3 m. Alt up to 1160 m. NW, G, M, FS, KZN

rehmannii Chodat var. *latipetala* (N.E.Br.) Norl. = **P. uncinata**

rhinostigma Chodat
Annual. Herb. Ht 0.1–0.15 m. Alt 1800–3000 m. FS, KZN, L, EC

rigens Burch.
P. asbestina Burch. var. *rigens* (Burch.) Harv. (13)
Perennial. Herb. Ht 0.1–0.15 m. Alt? EC

rodrigueana Paiva
P. arcuata Chodat (13)
Annual. Herb. Ht 0.05–0.25 m. Alt? KZN

rogersiana Baker f. = **P. senensis** var. **senensis**

rogersii Burtt Davy = **P. marensis**

scabra L.
P. affinis DC. (13)
P. burmanii DC. (13)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–1500 m. N, NC, WC

schinziana Chodat
P. bicornis (Burch.) Chodat (13)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 660–950 m. N, B, NW

schlechteri Schinz = **P. spicata**

seminuda Harv.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt up to 1000 m. N, B, FS, NC, EC

senensis Klotzsch var. **senensis**
P. rogersiana Baker f. (8)
Perennial. Subshrub, shrub. Ht 0.35–0.5 m. Alt? LIM, M, S, KZN

serpentaria Eckl. & Zeyh.
P. chloroptera Chodat (13)
P. natalensis Chodat (13)
Perennial. Herb. Ht 0.08–0.3 m. Alt 5–2010 m. LIM, G, M, S, KZN, EC

speciosa in sense of Burtt Davy (1926), excl. syn. *P. virgata* var. *speciosa* = **P. virgata** var. **decora**

speciosa Sims = **P. virgata** var. **speciosa**

sphenoptera Fresen. var. **sphenoptera**
P. gagnebiniana Chodat (3)
P. persicariaefolia in sense of Eyles, not of DC., misapplied name (8)
P. quartiniana A.Rich. (8)
P. ukambica Chodat (8)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 15–1430 m. B, LIM, G, M, S, KZN

spicata Chodat
P. schlechteri Schinz (8)
Annual. Herb. Ht ± 0.15 m. Alt 1000–2000 m. M

tenuifolia in sense of Harv. in part, not of Willd., misapplied name = **P. rehmannii**

tenuifolia in sense of Harv. in part, not of Willd. var. *uncinata* (Meisn.) Harv., misapplied name = **P. uncinata**

teretifolia Baker f. var. *gazensis* (Baker f.) Norl. = **P. gazensis**

teretifolia L.f.
P. eckloniana C.Presl (13)
P. pinifolia L.f. in part, not of Poir., misapplied name (13)
Perennial. Shrub, small tree. Ht up to 1 m. Alt 350–1250 m. N, NC, WC

transvaalensis Chodat subsp. **transvaalensis** Paiva
Perennial. Herb. Ht 0.1–0.15 m. Alt 800–1900 m. LIM, NW, G, M, S, FS, KZN, L, EC

triquetra C.Presl
Perennial. Shrub, dwarf shrub. Ht ± 0.8 m. Alt 198–549 m. WC, EC

ukambica Chodat = **P. sphenoptera** var. **sphenoptera**

umbellata L.
P. ciliatifolia Turcz. (5)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 5–2010 m. WC, EC

uncinata E.Mey. ex Meisn.
P. hamata Burtt Davy (8)
P. rehmannii Chodat var. *latipetala* (N.E.Br.) Norl. (8)
P. tenuifolia in sense of Harv. in part, not of Willd. var. *uncinata* (Meisn.) Harv., misapplied name (8)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 10–2377 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

virgata Thunb. var. **decora** (Sond.) Harv.

P. speciosa in sense of Burtt Davy (1926), excl. syn. *P. virgata* var. *speciosa* (13)
Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 5–2135 m. N, LIM, NW, G, M, S, FS, KZN, L, WC, EC

virgata Thunb. var. *genistoides* (Poir.) Harv. in part = **P. ephedroides**

virgata Thunb. var. **speciosa** (Sims) Harv.
P. speciosa Sims (13)
Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 5–2000 m. WC, EC

virgata Thunb. var. **virgata**
Perennial. Shrub, dwarf shrub. Ht ± 1.5 m. Alt ± 80 m. LIM, G, M, S, FS, NC, WC, EC

welwitschii Chodat subsp. **pygmaea** (Gürke) Paiva
P. pygmaea Gürke (13)
Annual. Herb. Ht 0.1–0.15 m. Alt 900–2315 m. N, LIM, M

westii Exell
Annual. Herb. Ht 0.1–0.18 m. Alt? N

wilmsii Chodat
Annual. Herb. Ht 0.1–0.25 m. Alt 800–2315 m. LIM, M, S, FS, KZN

wittebergensis Compton
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 60–1435 m. WC, EC

woodii Chodat
Annual. Herb. Ht? Alt 600–800 m. KZN

SECURIDACA L. 4275000

(1) Codd. 1955. *The Flowering Plants of Africa* 30: t. 1191.
(2) Exell. 1961. *FZ* 1: 304–307.
(3) Friedrich-Holtzhammer & Merxmüller. 1968. *FSWA* 73: 1–8.
(4) Johnson. 1987. *South African Journal of Botany* 53: 5–11.

longepedunculata Fresen. var. **longepedunculata**
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 109–1457 m. N, B, LIM, NW, G

longepedunculata Fresen. var. **parvifolia** Oliver
Perennial. Shrub, rarely small tree. Ht 3–6 m. Alt up to 1700 m. N, B, LIM

POLYGONACEAE

Compiled by G. Germishuizen & R.P. Glen

ACETOSA Neck. 2195020

sagittata (Thunb.) L.A.S.Johnson & B.G.Briggs = **Rumex sagittatus**

ATRAPHAXIS L. 2198000

undulata L. = **Polygonum undulatum**

BILDERDYKIA Dumort. 2201010

convolvulus (L.) Dumort. = **Fallopia convolvulus**

CERATOGONUM C.A.Mey. 2204010

cordofanum Meisn. = **Oxygonum sinuatum**

sinuatum Hochst. & Steud. ex Meisn. = **Oxygonum sinuatum**

EMEX Campd. 2194000

(1) Steinheil. 1838. *Annales des Sciences Naturelles* sèr. 2, 9: 195, t. 7.
(2) Meisner. 1840. *Linnaea* 14: 490.
(3) Drège. 1843. *Flora* 2, Suppl.: 93, 99, 112, 128.
(4) Wright. 1912. *FC* 5: 481, 482.
(5) Tutin. 1964. *Flora europaea* 1: 89.

australis Steinh.
E. centropodium Meisn. (4)
E. podocentrum Meisn. ex Drège (4)
Annual. Herb. Ht 0.15–0.6 m. Alt 5–1465 m. N, LIM, NW, G, M, S?, FS, KZN, L, NC, WC, EC

centropodium Meisn. = **E. australis**

podocentrum Meisn. ex Drège = **E. australis**

*FAGOPYRUM Mill. 2202000

(1) Webb. 1964. *Flora europaea* 1: 81.

esculentum Moench
Polygonum fagopyrum L. (1)
Annual. Herb. Ht up to 0.6 m. Alt 650–1675 m. B, NW?, G, FS, KZN, NC, EC

*FALLOPIA Adans. 2201040

(1) Holub. 1971. *Folia Geobotanica et Phytotaxonomica Bohemoslavaka Praha* 6: 176, 177.

convolvulus (L.) Holub
Bilderdykia convolvulus (L.) Dumort. (1)
Polygonum convolvulus L. (1)
Annual. Herb, climber. Ht up to 10 m. Alt 155–2500 m. LIM, NW, G, M, FS, L, NC?, EC

OXYGONUM Burch. ex Campd. 2204000

(1) Graham. 1957. *Kew Bulletin* 1957: 145–172.
(2) Germishuizen. 1987. *Bothalia* 17: 40, 41, 185–187.
(3) Germishuizen. 1988. *Bothalia* 18: 173–181.
(4) Germishuizen. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 237.

acetosella Welw.
Annual. Herb. Ht 0.15–0.3 m. Alt up to 500 m. N

alatum Burch. var. **alatum**
O. alatum Burch. var. *incisum* Sond. (2)
O. alatum Burch. var. *integrifolium* Sond. (2)
O. alatum Burch. var. *marlothii* Engl. (2)
Annual. Herb. Ht 0.1–0.7 m. Alt 505–2000 m. N, B, NW, NC

alatum Burch. var. *incisum* Sond. = **O. alatum** var. **alatum**

alatum Burch. var. *integrifolium* Sond. = **O. alatum** var. **alatum**

alatum Burch. var. **longisquamatum** Germish.
Annual. Herb. Ht 0.2–0.5 m. Alt? N, B

alatum Burch. var. *marlothii* Engl. = **O. alatum** var. **alatum**

calcaratum Meisn. = **O. dregeanum** subsp. **canescens** var. **canescens**

canescens Sond. = **O. dregeanum** subsp. **canescens** var. **canescens**

delagoense Kuntze
O. delagoense Kuntze var. *strictum* C.H.Wright (4)
O. dregeanum Meisn. var. *pubescens* (C.H.Wright) Burtt Davy (4)
O. dregeanum Meisn. var. *strictum* (C.H.Wright) R.A.Graham (4)
O. junodii De Wild. (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 90–1432 m. N, B, LIM, NW, M, S, KZN, NC

delagoense Kuntze var. *strictum* C.H.Wright = **O. delagoense**

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **canescens**
O. calcaratum Meisn. (3)
O. canescens Sond. (3)
O. dregeanum Meisn. var. *canescens* (Sond.) R.A.Graham (3)
O. zeyheri Sond. (3)
Annual. Herb. Ht 0.15–0.5 m. Alt 305–2085 m. B, LIM, NW, G, M, FS, NC

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **dissectum** Germish.
Annual. Herb. Ht up to 0.5 m. Alt? LIM

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **linearifolium** Germish.
Annual. Herb, dwarf shrub. Ht 0.2–0.6 m. Alt up to 1800 m. NW, G, M, KZN

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **lobophyllum** Germish.
Annual. Herb. Ht 0.15–0.5 m. Alt 380–1065 m. LIM, M, S

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **pilosum** Germish.
Annual. Herb. Ht up to 0.4 m. Alt up to 1050 m. LIM

dregeanum Meisn. subsp. **dregeanum**
O. dregeanum Meisn. var. *dregeanum* (3)
O. dregei Meisn. (3)
O. natalense Schltr. (3)
Perennial. Herb. Ht 0.2–0.3 m. Alt 5–1450 m. KZN, EC

dregeanum Meisn. subsp. **lanceolatum** Germish.
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt up to 2135 m. M, S, KZN

dregeanum Meisn. subsp. **streyi** Germish.
Perennial. Herb. Ht up to 0.25 m. Alt 15–335 m. KZN

dregeanum Meisn. subsp. **swazicum** (Burtt Davy) Germish.
O. dregeanum Meisn. var. *swazicum* (Burtt Davy) R.A.Graham (3)
O. zeyheri Sond. var. *swazicum* Burtt Davy (3)
Annual. Herb. Ht 0.3–0.5 m. Alt up to 645 m. M, S

dregeanum Meisn. var. *canescens* (Sond.) R.A.Graham = **O. dregeanum** subsp. **canescens** var. **canescens**

dregeanum Meisn. var. *dregeanum* = **O. dregeanum** subsp. **dregeanum**

dregeanum Meisn. var. *pubescens* (C.H.Wright) Burtt Davy = **O. delagoense**

dregeanum Meisn. var. *strictum* (C.H.Wright) R.A.Graham = **O. delagoense**

dregeanum Meisn. var. *swazicum* (Burtt Davy) R.A.Graham = **O. dregeanum** subsp. **swazicum**

dregei Meisn. = **O. dregeanum** subsp. **dregeanum**

junodii De Wild. = **O. delagoense**

natalense Schltr. = **O. dregeanum** subsp. **dregeanum**

robustum Germish.
Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 20–155 m. KZN

sinuatum (Hochst. & Steud. ex Meisn.) Dammer
Ceratogonum cordofanum Meisn. (1)
Ceratogonum sinuatum Hochst. & Steud. ex Meisn. (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 10–1646 m. N, B

zeyheri Sond. = **O. dregeanum** subsp. **canescens** var. **canescens**

zeyheri Sond. var. *swazicum* Burtt Davy = **O. dregeanum** subsp. **swazicum**

PERSICARIA (L.) Mill. 2201030

(1) Graham. 1958. *Flora of tropical East Africa* Polygonaceae: 1–38.
(2) Timson. 1963. *Watsonia* 5,2: 386–395.
(3) Tikovsky & Merxmüller. 1969. *Prodromus einer Flora von Südwestafrika* 23: 5–9.
(4) Soják. 1974. *Preslia* 42,2: 153–155.
(5) Germishuizen. 1983. *A morphological-taxonomical study of the genera* Polygonum, Reynoutria *and* Bilderdykia *in southern Africa*. Unpublished M.Sc. thesis, University of Pretoria.
(6) Germishuizen. 1986. *Bothalia* 16,2: 232, 233.
(7) Ronse Decraene & Akeroyd. 1988. *Botanical Journal of the Linnean Society* 98: 321–371.
(8) Wilson. 1988. *Telopea* 3: 177–182.
(9) Wilson. 1990. *Kew Bulletin* 45: 621–636.
(10) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 91, 92.
(11) Royal Botanical Gardens, Kew. 1997. *Index Kewensis* on compact disc: *Persicaria*.
(12) Ronse Decraene *et al.* 2000. *Botanical Journal of the Linnean Society* 134: 301–337.

amphibia (L.) Gray
Polygonum amphibium L. (7)
Perennial. Herb, hydrophyte/helophyte. Ht ± 0.6 m, up to 3 m long floating in water. Alt 150–1860 m. G, M, FS, KZN, L, EC

attenuata (R.Br.) Soják subsp. **africana** K.L.Wilson
Polygonum pulchrum of author, not of Blume, concept invalid (9)
Annual, occ. perennial. Herb, hydrophyte/helophyte. Ht 0.5–2.2 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

***capitata** (Buch.-Ham. ex D.Don) H.Gross
Polygonum capitatum Buch.-Ham. ex D.Don (7)
Perennial. Herb. Ht? Alt? M, S

decipiens (R.Br.) Wilson
P. serrulata (Lag.) Webb & Moq. (8)
Polygonum salicifolium Willd. (3, 9)
Polygonum serrulatum Lag. (3, 8)
Annual. Herb, helophyte. Ht 0.2–1 m. Alt 5–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***hydropiper** (L.) Spach
Polygonum hydropiper L. (7, 11)
Annual. Herb, helophyte. Ht 0.5–1.5 m. Alt 5–1830 m. M, KZN

hystricula (J.Schust.) Soják
Polygonum hystriculum J.Schust. (7)
Polygonum utriculosum Tikovsky (3)
Annual. Herb. Ht 300–500 mm. Alt 900–1450 m. N, B, LIM, NW, G, M, FS, NC, EC

***lapathifolia** (L.) Gray
Polygonum lapathifolium L. (2, 4, 8, 9)
Polygonum lapathifolium L. subsp. *maculatum* (Gray) T.-Dyer & Trimen (3)
Polygonum lapathifolium L. var. *maculatum* T.-Dyer & Trimen (4)
Polygonum nodosum Pers. (2)
Polygonum tomentosum Schrank (2)

Annual. Herb, hydrophyte/helophyte. Ht 0.1–3 m. Alt 5–2385 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

***limbata** (Meisn.) H.Hara
Polygonum limbatum Meisn. (7)
Polygonum piliferum Tikovsky (3)
Polygonum schinzii C.H.Wright (3)
Perennial. Herb, helophyte. Ht 0.3–1.2 m. Alt 896–1465 m. N, B, LIM, NW, G, M, FS, NC

meisneriana (Cham. & Schltdl.) M.Gómez
P. meissneriana, misspelled (2)
Polygonum meisnerianum Cham. & Schltdl. (11)
Polygonum strigosum in sense of *Flora capensis*, misapplied name (5)
Annual, occ. perennial. Herb, hydrophyte/helophyte. Ht 0.2–0.7 m. Alt 303–2200 m. B, LIM, G, M, S, FS, KZN, EC

meissneriana, misspelled = **P. meisneriana**

***nepalensis** (Meisn.) H.Gross
Polygonum alatum Buch.-Ham. ex D.Don (1)
Polygonum nepalense Meisn. (11)
Annual. Herb. Ht 0.1–0.5 m. Alt 300–1600 m. LIM, M, KZN

senegalensis (Meisn.) Soják forma **albotomentosa** (R.A.Graham) K.L.Wilson
Polygonum glutinosum Meisn. var. *capensis* Meisn. (7)
Polygonum lanigerum R.Br. var. *africanum* Meisn. (3)
Polygonum senegalense Meisn. forma *albotomentosum* R.A.Graham (7)
Polygonum senegalense Meisn. subsp. *albotomentosum* (R.A.Graham) Germish. (7)
Perennial. Herb, hydrophyte. Ht 0.65–3 m. Alt 5–1400 m. B, LIM, NW, M, S, KZN, EC

senegalensis (Meisn.) Soják forma **senegalensis**
Polygonum sambesiacum J.Schust. (1)
Polygonum senegalense Meisn. subsp. *senegalense* (1, 4)
Perennial. Herb, hydrophyte. Ht 0.15–1.2 m. Alt 303–1350 m. N, B, LIM, NW, G, M, S, KZN

serrulata (Lag.) Webb & Moq. = **P. decipiens**

POLYGONUM L. 2201000

(1) Graham. 1958. *FTEA* Polygonaceae: 11–25.
(2) Germishuizen. 1983. *A morphological-taxonomical study of the genera* Polygonum, Reynoutria *and* Bilderdykia *in southern Africa*. Unpublished M.Sc. thesis, University of Pretoria.
(3) Ronse Decraene & Akeroyd. 1988. *Botanical Journal of the Linnean Society* 98: 321–371.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 90, 91.

alatum Buch.-Ham. ex D.Don = **Persicaria nepalensis**

amphibium L. = **Persicaria amphibia**

atraphaxis Thunb. = **P. undulatum**

atraphaxoides Thunb. = **P. undulatum**

***aviculare** L.
Annual. Herb. Ht 0.15–1 m. Alt 50–2550 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

capitatum Buch.-Ham. ex D.Don = **Persicaria capitata**

convolvulus L. = **Fallopia convolvulus**

fagopyrum L. = **Fagopyrum esculentum**

glutinosum Meisn. var. *capensis* Meisn. = **Persicaria senegalensis** forma **albotomentosa**

hydropiper L. = **Persicaria hydropiper**

hystriculum J.Schust. = **Persicaria hystricula**

***kitaibelianum** Sadler
Annual. Herb. Ht 0.5–1 m. Alt up to 900 m. NC

lanigerum R.Br. var. *africanum* Meisn. = **Persicaria senegalensis** forma **albotomentosa**

lapathifolium L. = **Persicaria lapathifolia**

lapathifolium L. subsp. *maculatum* (Gray) T.-Dyer & Trimen = **Persicaria lapathifolia**

lapathifolium L. var. *maculatum* T.-Dyer & Trimen = **Persicaria lapathifolia**

limbatum Meisn. = **Persicaria limbata**

maritimum L.
Perennial. Dwarf shrub, herb. Ht 0.1–1.5 m. Alt 3–160 m. NC, WC

meisnerianum Cham. & Schltdl. = **Persicaria meisneriana**

nepalense Meisn. = **Persicaria nepalensis**

nodosum Pers. = **Persicaria lapathifolia**

piliferum Tikovsky = **Persicaria limbata**

plebeium R.Br.
Annual. Herb. Ht 0.05–0.45 m. Alt 20–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

pulchrum of author, not of Blume, concept invalid = **Persicaria attenuata** subsp. **africana**

sachalinense F.Schmidt = **Reynoutria sachalinensis**

salicifolium Willd. = **Persicaria decipiens**

sambesiacum J.Schust. = **Persicaria senegalensis** forma **senegalensis**

schinzii C.H.Wright = **Persicaria limbata**

senegalense Meisn. forma *albotomentosum* R.A.Graham = **Persicaria senegalensis** forma **albotomentosa**

senegalense Meisn. subsp. *albotomentosum* (R.A.Graham) Germish. = **Persicaria senegalensis** forma **albotomentosa**

senegalense Meisn. subsp. *senegalense* = **Persicaria senegalensis** forma **senegalensis**

serrulatum Lag. = **Persicaria decipiens**

strigosum in sense of *Flora capensis*, misapplied name = **P. meisneriana**

tomentosum Schrank = **Persicaria lapathifolia**

undulatum (L.) P.J.Bergius
Atraphaxis undulata L. (2)
P. atraphaxis Thunb. (2)
P. atraphaxoides Thunb. (2)
Annual. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 90–610 m. WC, EC

utriculosum Tikovsky = **Persicaria hystricula**

*REYNOUTRIA Houtt. 2201020

(1) Webb. 1964. *Flora europaea* 1: 81.

***sachalinensis** (F.Schmidt) Nakai
Polygonum sachalinense F.Schmidt (1)
Perennial. Dwarf shrub, herb. Ht 1–3 m. Alt? KZN

RUMEX L. 2195000

(1) Wright. 1912. *FC* 5: 472–482.
(2) Rechinger. 1954. *Botaniska Notiser*, Suppl. Vol. 3,3: 3–114.
(3) Rechinger. 1984. *Nuytsia* 5,1: 75–122.
(4) Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42,2: 253–258.
(5) Press. 1988. *B.S.B.I. News* 49: 49.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 92, 93.

acetosella L. subsp. **angiocarpus** (Murb.) Murb.
R. angiocarpus Murb. (5)
Perennial. Herb. Ht up to 0.5 m. Alt 4–? m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

acutus Sm. = **R. conglomeratus**

angiocarpus Murb. = **R. acetosella** subsp. **angiocarpus**

bequaertii De Wild.
R. camptodon Rech.f. (2)
Perennial. Herb. Ht 1–1.5 m. Alt ?–1844 m. LIM, G, FS, KZN

***brownii** Campd.
Annual. Herb. Ht up to 0.5 m. Alt? M, KZN, EC

burchellii Campd. = **R. sagittatus**

camptodon Rech.f. = **R. bequaertii**

conglomeratus Murb.
R. acutus Sm. (2)
R. glomeratus Schreb. (2)
R. nemolapathum Ehrh. (2)
R. paludosus With. (2)
Perennial. Herb. Ht 0.2–1 m. Alt 5–1370 m. NW, G, FS, KZN, WC, EC

cordatus Poir.
R. cordatus Desf., naked name (4)
R. sarcorhizus Link (4)
R. tuberosus Thunb., not of L. (2)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 3–1140 m. NC, WC, EC

cordatus Desf., naked name = **R. cordatus**

***crispus** L.
Perennial. Herb. Ht 0.2–2.4 m. Alt 15–2380 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

divaricatus L. = **R. pulcher** subsp. **divaricatus**

dregeanus Meisn. subsp. **dregeanus**
R. dregei Meisn., illegitimate name (4)
Annual. Herb. Ht 0.6–1 m. Alt 30–1700 m. KZN, EC

dregeanus Meisn. subsp. **montanus** B.L.Burtt
Annual. Herb. Ht up to 1 m. Alt 1400–2377 m. LIM, G, M, S, FS, KZN, L?

dregei Meisn., illegitimate name = **R. dregeanus** subsp. **dregeanus**

ecklonianus Meisn. = **R. lanceolatus**

ecklonii Meisn. = **R. lanceolatus**

garipensis Meisn.
Perennial. Herb. Ht up to 0.3 m. Alt? N

glomeratus Schreb. = **R. conglomeratus**

hydrolapathum C.H.Wright = **R. lanceolatus**

lanceolatus Thunb.
R. ecklonianus Meisn. (2)
R. ecklonii Meisn. (2)
R. hydrolapathum C.H.Wright (1)
R. linearis Campd. (2)
R. meyeri Meisn. (2)
R. meyerianus Meisn. (2)
Perennial. Herb. Ht 0.15–0.5 m. Alt 85–2805 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lativalvis Meisn.
R. lativalvis Meisn. var. *acetosoides* Meisn. (1)
R. lativalvis Meisn. var. *decipiens* Meisn. (1)
Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1200 m. WC, EC

lativalvis Meisn. var. *acetosoides* Meisn. = **R. lativalvis**

lativalvis Meisn. var. *decipiens* Meisn. = **R. lativalvis**

linearis Campd. = **R. lanceolatus**

luxurians L.f. = **R. sagittatus**

meyeri Meisn. = **R. lanceolatus**

meyerianus Meisn. = **R. lanceolatus**

natalensis Dammer ex J.M.Wood = **R. woodii**

nemolapathum Ehrh. = **R. conglomeratus**

nepalensis C.H.Wright = **R. steudelii**

***nepalensis** Spreng. (insufficiently known)
KZN

obtusifolius L. subsp. *agrestis* (Fr.) Danser = **R. obtusifolius** subsp. **obtusifolius**

obtusifolius L. subsp. **obtusifolius** (insufficiently known)
R. obtusifolius L. subsp. *agrestis* (Fr.) Danser (2)
EC

paludosus With. = **R. conglomeratus**

pulcher L. subsp. **divaricatus** (L.) Murb.
R. divaricatus L. (2)
Perennial. Herb. Ht up to 0.6 m. Alt ± 230 m. WC, EC

rhodesius Rech.f.
Perennial. Herb. Ht up to 0.6 m. Alt? LIM, G, KZN, NC, EC

sagittatus Thunb.
Acetosa sagittata (Thunb.) L.A.S.Johnson & B.G.Briggs (2, 3)
R. burchellii Campd. (2)
R. luxurians L.f. (2)
R. sagittatus Thunb. var. *latilobus* Meisn. (2)
R. sagittatus Thunb. var. *megalotys* Meisn. (1)
R. scandens Burch. (2)
Perennial. Herb, climber. Ht 0.3–5 m. Alt 5–? m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

sagittatus Thunb. var. *latilobus* Meisn. = **R. sagittatus**

sagittatus Thunb. var. *megalotys* Meisn. = **R. sagittatus**

sarcorhizus Link = **R. cordatus**

scandens Burch. = **R. sagittatus**

spathulatus Thunb.
Perennial. Herb. Ht up to 1.5 m. Alt? WC

steudelianus Meisn. = **R. steudelii**

steudelii Hochst. ex A.Rich.
R. nepalensis C.H.Wright (2)
R. steudelianus Meisn. (2)
Perennial. Herb. Ht 0.6–1.2 m. Alt 5–3100 m. NW, G, M, FS, KZN, L, NC, WC, EC

tuberosus Thunb., not of L. = **R. cordatus**

woodii N.E.Br.
R. natalensis Dammer ex J.M.Wood (4)
Annual. Herb. Ht 0.3–0.7 m. Alt 30–2400 m. NW, G, M, S, FS, KZN, L, EC

PORTULACACEAE

Compiled by H.F. Glen

ANACAMPSEROS L. 2412000

(1) Poellnitz. 1928. *Feddes Repertorium* 24: 297, 298.
(2) Poellnitz. 1929. *Feddes Repertorium* 26: 20–24, 242–249.
(3) Poellnitz. 1933. *Botanische Jahrbücher* 65: 382–448.
(4) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 576.
(5) Wild. 1961. *FZ* 1: 362–372.
(6) Podlech. 1967. *FSWA* 29: 2–7.
(7) Bleck. 1984. *Cactus & Succulent Journal, Los Angeles* 56: 266, 267.
(8) Hammer. 1988. *Cactus & Succulent Journal, Los Angeles* 60: 215, 216.
(9) Gerbaulet. 1992. *Botanische Jahrbücher* 113: 477–564.
(10) Rowley. 1994. *Bradleya* 12: 105–112.
(11) Williamson. 1994. *Cactus & Succulent Journal, Los Angeles* 66: 20–23.
(12) Rowley. 1995. Anacampseros, Avonia, Grahamia: *a growers' handbook*: 1–80.
(13) Steffens. 1995. *Aloe* 32: 12–16.
(14) Williamson. 1997. *Aloe* 34: 45, 46.
(15) Williamson. 1998. *Aloe* 35: 18–23.
(16) Burgoyne & Condy. 1999. *The Flowering Plants of Africa* 56: 54–57, t. 2150.

affinis H.Pearson & Stephens = **A. lanceolata** subsp. **lanceolata**

albidiflora Poelln.
Perennial. Herb, succulent. Ht 0.03–0.06 m. Alt 300–1850 m. NC, WC, EC

albissima Marloth = **Avonia albissima**

alstonii Schönland = **Avonia quinaria** subsp. **alstonii**

alta Poelln. = **A. filamentosa** subsp. **namaquensis**

arachnoides (Haw.) Sims
A. depauperata (A.Berger) Poelln. (9)
A. gracilis Poelln. (9)
A. rubens (Haw.) Sweet (10)
A. rubroviridis Poelln. (10)
A. schoenlandii Poelln. (9)
Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 300–1850 m. L, WC, EC

arachnoides (Haw.) Sims subsp. *grandiflora* Sond. = **A. rufescens**

baeseckei Dinter
A. crinita Dinter ex Poelln. (9)
A. parviflora Poelln. (9)
Perennial. Herb, succulent. Ht 0.02–0.03 m. Alt 300–1050 m. N, NC

bayeriana S.A.Hammer
Perennial. Herb, succulent. Ht up to 0.01 m. Alt 750–950 m. N, NC

bremekampii Poelln. = **Avonia rhodesica**

buderiana Poelln. = **Avonia recurvata** subsp. **buderiana**

comptonii Pillans
Perennial. Herb, succulent. Ht up to 0.01 m. Alt 900–1350 m. NC, WC

crinita Dinter ex Poelln. = **A. baeseckei**

decipiens Poelln. = **Avonia rhodesica**

densifolia Dinter ex Poelln. = **A. filamentosa** subsp. **tomentosa**

depauperata (A.Berger) Poelln. = **A. arachnoides**

dielsiana Dinter = **A. karasmontana**

dinteri Schinz = **Avonia dinteri**

filamentosa (Haw.) Sims subsp. **filamentosa**
A. lanigera Burch. (9)
Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt 350–1600 m. LIM, NW, FS, NC, WC

filamentosa (Haw.) Sims subsp. **namaquensis** (H.Pearson & Stephens) G.D.Rowley
A. alta Poelln. (10)
A. namaquensis H.Pearson & Stephens (10)
A. poellnitziana Dinter ex Poelln. (10)
Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt 100–1150 m. N, NC

filamentosa (Haw.) Sims subsp. **tomentosa** (A.Berger) Gerbaulet
A. densifolia Dinter ex Poelln. (9)
A. margarethae Dinter (10)
A. paradoxa Poelln. (10)
A. tomentosa A.Berger (9)
A. tomentosa A.Berger var. *crinita* Dinter (9)
A. tomentosa A.Berger var. *margaretae* (Poelln.) Poelln. (9)
Perennial. Herb, succulent. Ht 0.01–0.04 m. Alt 650–1400 m. N, NC

fissa Poelln. = **Avonia rhodesica**

gracilis Poelln. = **A. arachnoides**

herreana Poelln. = **Avonia herreana**

karasmontana Dinter ex Poelln.
A. dielsiana Dinter (9)
Perennial. Herb, succulent. Ht 0.01–0.02 m. Alt 100–1250 m. N

lanceolata (Haw.) Sweet subsp. **lanceolata**
A. affinis H.Pearson & Stephens (9)
Perennial. Herb, succulent. Ht 0.02–0.08 m. Alt 150–1250 m. NC

lanceolata (Haw.) Sweet subsp. **nebrownii** (Poelln.) Gerbaulet
A. nebrownii Poelln. (9)
Perennial. Herb, succulent. Ht 0.01–0.08 m. Alt 150–1250 m. NC, WC, EC

lanigera Burch. = **A. filamentosa** subsp. **filamentosa**

lubbersii Bleck = **A. subnuda** subsp. **lubbersii**

mallei (G.Will.) G.Will. = **Avonia mallei**

margarethae Dinter = **A. filamentosa** subsp. **tomentosa**

marlothii Poelln.
Perennial. Herb, succulent. Ht up to 0.015 m. Alt 150–1250 m. NC

meyeri Poelln. = **Avonia papyracea** subsp. **namaensis**

namaquensis H.Pearson & Stephens = **A. filamentosa** subsp. **namaquensis**

nebrownii Poelln. = **A. lanceolata** subsp. **nebrownii**

nitida Poelln. = **A. retusa**

ombonensis Dinter ex Poelln. = **Avonia dinteri**

papyracea E.Mey. ex Fenzl subsp. *namaensis* Gerbaulet = **Avonia papyracea** subsp. **namaensis**

papyracea E.Mey. ex Fenzl subsp. *papyracea* = **Avonia papyracea** subsp. **papyracea**

paradoxa Poelln. = **A. filamentosa** subsp. **tomentosa**

parviflora Poelln. = **A. baeseckei**

pisina G.Will.
Perennial. Herb, succulent. Ht up to 0.01 m. Alt 800–1000 m. NC

poellnitziana Dinter ex Poelln. = **A. filamentosa** subsp. **namaquensis**

prominens G.Will. = **Avonia prominens**

quinaria E.Mey. ex Fenzl = **Avonia quinaria** subsp. **quinaria**

recurvata Schönland subsp. *buderiana* (Poelln.) Gerbaulet = **Avonia recurvata** subsp. **buderiana**

recurvata Schönland subsp. *minuta* Gerbaulet = **Avonia recurvata** subsp. **minuta**

recurvata Schönland subsp. *recurvata* = **Avonia recurvata** subsp. **recurvata**

retusa Poelln.
A. nitida Poelln. (9)
A. truncata Poelln. (9)
Perennial. Herb, succulent. Ht 0.02–0.07 m. Alt 0–1500 m. N, NC, WC

rhodesica N.E.Br. = **Avonia rhodesica**

rubens (Haw.) Sweet = **A. arachnoides**

rubroviridis Poelln. = **A. arachnoides**

rufescens (Haw.) Sweet
A. arachnoides (Haw.) Sims subsp. *grandiflora* Sond. (10)
Perennial. Herb, succulent. Ht 0.02–0.05 m. Alt 200–2150 m. M, FS, KZN, L, NC, WC, EC

ruschii Dinter & Poelln. = **Avonia ruschii**

schoenlandii Poelln. = **A. arachnoides**

scopata G.Will.
Perennial. Herb, succulent. Ht up to 0.01 m. Alt 350–450 m. NC

starkiana Poelln. = **A. subnuda** subsp. **subnuda**

subnuda Poelln. subsp. **lubbersii** (Bleck) Gerbaulet
A. lubbersii Bleck (9)
Perennial. Herb, succulent. Ht 0.01–0.02 m. Alt 1200–1550 m. G, M

subnuda Poelln. subsp. **subnuda**
A. starkiana Poelln. (10)
Perennial. Herb, succulent. Ht 0.04–0.07 m. Alt 850–1850 m. B, LIM, NW, G, M, FS

telephiastrum DC.
A. varians (Haw.) Sweet (10)
Perennial. Herb, succulent. Ht 0.05–0.06 m. Alt 200–1700 m. NC, FS, KZN, WC, EC

tomentosa A.Berger = **A. filamentosa** subsp. **tomentosa**

tomentosa A.Berger var. *crinita* Dinter = **A. filamentosa** subsp. **tomentosa**

tomentosa A.Berger var. *margaretae* (Poelln.) Poelln. = **A. filamentosa** subsp. **tomentosa**

truncata Poelln. = **A. retusa**

ustulata E.Mey. ex Fenzl = **Avonia ustulata**

variabilis Poelln. = **Avonia variabilis**

varians (Haw.) Sweet = **A. telephiastrum**

wischkonii Dinter ex Poelln. = **Avonia dinteri**

wischkonii Dinter ex Poelln. var. *levis* Poelln. = **Avonia dinteri**

AVONIA (E.Mey. ex Fenzl) G.D.Rowley 2412010

(1) Poellnitz. 1933. *Botanische Jahrbücher* 65: 382–448.
(2) Wild. 1961. *FZ* 1: 362–372.
(3) Rowley. 1994. *Bradleya* 12: 105–112.
(4) Steffens. 1995. *Aloe* 32: 12–16.
(5) Rowley. 1995. Anacampseros, Avonia, Grahamia: *a growers' handbook*: 1–80.
(6) Williamson. 1995. *Cactus & Succulent Journal, Los Angeles* 67: 104–107.
(7) Williamson. 1997. *Aloe* 34: 45, 46.
(8) Williamson. 1997. *British Cactus and Succulent Journal* 15: 208.
(9) Williamson. 1998. *Aloe* 35: 18–23.
(10) Burgoyne & Condy. 1999. *Flowering Plants of Africa* 56: 58–60, t. 2150.

albissima (Marl.) G.D.Rowley
Anacampseros albissima Marloth (3)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 0–1850 m. N, NC

dinteri (Schinz) G.D.Rowley
Anacampseros dinteri Schinz (3)
Anacampseros ombonensis Dinter ex Poelln. (3)
Anacampseros wischkonii Dinter ex Poelln. (3)
Anacampseros wischkonii Dinter ex Poelln. var. *levis* Poelln. (3)
Perennial. Herb, succulent. Ht up to 0.05 m. Alt 600–2000 m. N, NC, WC, EC

herreana (Poelln.) G.D.Rowley
Anacampseros herreana Poelln. (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 150–950 m. NC

mallei G.Will.
Anacampseros mallei (G.Will.) G.Will. (7)
Perennial. Herb, succulent. Ht 0.04–0.08 m. Alt 200–700 m. NC

papyracea (E.Mey. ex Fenzl) G.D.Rowley subsp. **namaensis** (Gerbaulet) G.D.Rowley
Anacampseros meyeri Poelln. (3)
Anacampseros papyracea E.Mey. ex Fenzl subsp. *namaensis* Gerbaulet (3)
Perennial. Herb, succulent. Ht up to 0.08 m. Alt 650–1350 m. N, NC

papyracea (E.Mey. ex Fenzl) G.D.Rowley subsp. **papyracea**
Anacampseros papyracea E.Mey. ex Fenzl subsp. *papyracea* (3)
Perennial. Herb, succulent. Ht up to 0.08 m. Alt 300–1500 m. N, NC, WC

prominens (G.Will.) G.Will.
Anacampseros prominens G.Will. (8)
Perennial. Herb, succulent. Ht 0.08–0.1 m. Alt 450–600 m. NC

quinaria (E.Mey. ex Fenzl) G.D.Rowley subsp. **alstonii** (Schönland) G.D.Rowley
Anacampseros alstonii Schönland (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 600–1350 m. NC

quinaria (E.Mey. ex Fenzl) G.D.Rowley subsp. **quinaria**
Anacampseros quinaria E.Mey. ex Fenzl (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 900–1500 m. N, NC

recurvata (Schönland) G.D.Rowley subsp. **buderiana** (Poelln.) G.Will.
Anacampseros buderiana Poelln. (9)

Anacampseros recurvata Schönland subsp. *buderiana* (Poelln.) Gerbaulet (9)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 150–600 m. NC

recurvata (Schönland) G.D.Rowley subsp. **minuta** (Gerbaulet) G.D.Rowley
Anacampseros recurvata Schönland subsp. *minuta* Gerbaulet (3)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 750–1050 m. NC

recurvata (Schönland) G.D.Rowley subsp. **recurvata**
Anacampseros recurvata Schönland subsp. *recurvata* (3)
Perennial. Herb, succulent. Ht up to 0.07 m. Alt 300–1150 m. NC

rhodesica (N.E.Br.) G.D.Rowley
Anacampseros bremekampii Poelln. (3)
Anacampseros decipiens Poelln. (3)
Anacampseros fissa Poelln. (3)
Anacampseros rhodesica N.E.Br. (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 500–1600 m. B, LIM

ruschii (Dinter & Poelln.) G.D.Rowley
Anacampseros ruschii Dinter & Poelln. (3)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 750–1150 m. NC

ustulata (E.Mey. ex Fenzl) G.D.Rowley
Anacampseros ustulata E.Mey. ex Fenzl (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 800–1600 m. FS, WC, EC

variabilis (Poelln.) G.Will.
Anacampseros variabilis Poelln. (7)
Perennial. Herb, succulent. Ht up to 0.05 m. Alt 150–600 m. N, NC

*CALANDRINIA Kunth 2407000

(1) Scoggan. 1978. *Flora of Canada* 3: 666.

ciliata (Ruiz & Pav.) DC.
C. ciliata (Ruiz & Pav.) DC. var. *menziesii* (Hook.) J.F.Macbr. (1)
Annual. Herb. Ht 0.15–0.25 m. Alt 0–300 m. WC

ciliata (Ruiz & Pav.) DC. var. *menziesii* (Hook.) J.F.Macbr. = **C. ciliata**

CERARIA H.Pearson & Stephens 2419010

(1) Pearson & Stephens. 1912. *Annals of the South African Museum* 9: 30–35.
(2) Podlech. 1967. *FSWA* 29: 7, 8.
(3) Dyer. 1984. *The Flowering Plants of Africa* 48: t. 1892.
(4) Glen. 2002. *Bothalia* 32: 196, 197.

fruticulosa H.Pearson & Stephens
C. schaeferi Engl. & Schltr. (2)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 150–1250 m. N, NC

gariepina H.Pearson & Stephens = **C. namaquensis**

longipedunculata Merxm. & Podlech
Perennial. Shrub. Ht 0.75–2.5 m. Alt 500–2000 m. N

namaquensis (Sond.) H.Pearson & Stephens
C. gariepina H.Pearson & Stephens (4)
Portulacaria namaquensis Sond. (2)
Perennial. Tree, shrub. Ht 1.5–5 m. Alt 100–1000 m. N, NC

schaeferi Engl. & Schltr. = **C. fruticulosa**

PORTULACA L. 2421000

(1) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1069.
(2) Wild. 1961. *FZ* 1: 362–372.
(3) Merxmüller. 1967. *FSWA* 29: 8–10.
(4) Wild & Diniz. 1973. *Flora de Moçambique* 21: 1–6.

collina Dinter
Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 450–1550 m. N, LIM

crocodilorum Poelln. = **P. kermesina**

foliosa Ker Gawl.
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 300–1000 m. N, LIM, S, NC

grandiflora Hook.
Annual. Herb, succulent. Ht 0.07–0.3 m. Alt 500–1750 m. LIM, NW, G

hereroensis Schinz
Annual. Herb. Ht 0.05–0.1 m. Alt 450–1650 m. N, B, LIM, NW, FS, NC

kermesina N.E.Br.
P. crocodilorum Poelln. (2)
Annual, occ. perennial. Herb. Ht 0.05–0.3 m. Alt 50–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

***oleracea** L.
P. oleracea L. subsp. *sylvestris* (DC.) Thell. (3)
P. oleracea L. var. *opposita* Poelln. (3)
Annual. Herb. Ht up to 0.05 m. Alt 50–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

oleracea L. subsp. *sylvestris* (DC.) Thell. = **P. oleracea**

oleracea L. var. *opposita* Poelln. = **P. oleracea**

pilosa L.
Annual. Herb. Ht 0.05–0.18 m. Alt 450–1400 m. B, LIM, NW, G

quadrifida L.
P. walteriana Poelln. (3)
Annual. Herb, succulent. Ht 0.05–0.08 m. Alt 50–1750 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

rhodesiana R.A.Dyer & E.A.Bruce
Annual. Herb, (semi)succulent. Ht up to 0.07 m. Alt 1000–1500 m. M

trianthemoides Bremek.
Annual. Herb, succulent. Ht 0.05–0.08 m. Alt 400–1500 m. LIM

walteriana Poelln. = **P. quadrifida**

PORTULACARIA Jacq. 2419000

(1) Podlech. 1967. *FSWA* 29: 10.
(2) Dyer. 1978. *The Flowering Plants of Africa* 45: t. 1763.
(3) Van Jaarsveld. 1984. *Journal of South African Botany* 50: 393–399.

afra Jacq.
Perennial. Tree, shrub, succulent. Ht 1–4 m. Alt 0–1400 m. LIM, NW, M, S, KZN, WC, EC

armiana Van Jaarsv.
Perennial. Shrub, succulent. Ht 2–7 m. Alt 600–1050 m. N

namaquensis Sond. = **Ceraria namaquensis**

pygmaea Pillans
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 150–1000 m. N, NC

TALINUM Adans. 2406000

(1) Poellnitz. 1934. *Feddes Repertorium* 35: 1–34.

(2) Podlech. 1967. *FSWA* 29: 11, 12.
(3) Tölken. 1969. *The Flowering Plants of Africa* 40: t. 1579.
(4) Tölken. 1969. *Bothalia* 10: 19–28.
(5) Wild & Diniz. 1973. *Flora de Moçambique* 21: 7–13.

arnotii Hook.f.
T. caffrum in sense of Dinter, misapplied name (4)
T. cuneifolium in sense of Poelln. (1934) & in sense of Podlech (1967), misapplied name (4)
Annual, occ. perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 200–1700 m. N, B, LIM, NW, M, S, FS, NC

caffrum in sense of Dinter, misapplied name = **T. arnotii**

caffrum (Thunb.) Eckl. & Zeyh.
T. esculentum Dinter & G.Schellenb. (4)
Annual, occ. perennial. Dwarf shrub, herb, succulent. Ht 0.03–0.6 m. Alt 50–2750 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

crispatulatum in sense of Wild, misapplied name = **T. tenuissimum**

crispatulum Dinter ex Poelln.
Annual, occ. perennial. Dwarf shrub. Ht up to 0.1 m. Alt 850–1550 m. N, B, LIM, NW, NC

cuneifolium in sense of Poelln. (1934) & in sense of Podlech (1967), misapplied name = **T. arnotii**

cuneifolium Willd. = **T. portulacifolium**

dinteri Poelln. = **T. tenuissimum**

esculentum Dinter & G.Schellenb. = **T. caffrum**

paniculatum (Jacq.) Gaertn.
Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 0–1550 m. G, S, KZN, EC

portulacifolium (Forssk.) Asch. ex Schweinf.
T. cuneifolium Willd. (4)
Annual, occ. perennial. Shrub. Ht 0.6–1 m. Alt 200–1150 m. B, LIM, M

tenuissimum Dinter
T. crispatulatum in sense of Wild, misapplied name (4)
T. dinteri Poelln. (4)
T. transvaalense Poelln. (4)
Annual, occ. perennial. Dwarf shrub. Ht 0.03–0.25 m. Alt 300–1450 m. B, LIM, M, NC

transvaalense Poelln. = **T. tenuissimum**

PRIMULACEAE

Compiled by H.F. Glen

ANAGALLIS L. 6338000

(1) Dyer. 1963. *FSA* 26: 13–15.
(2) Tebbit. 1997. *European garden flora* 5: 558.

***arvensis** L. subsp. **arvensis**
Annual. Herb. Ht 0.04–0.4 m. Alt 0–1550 m. LIM, G, FS, KZN, NC, WC, EC

capensis L. = **Diascia capensis**

huttonii Harv.
Annual. Herb. Ht 0.15–0.55 m. Alt 0–2650 m. LIM, M, KZN, L, WC, EC

***pumila** Sw.
Annual. Herb. Ht 0.05–0.2 m. Alt 640–1700 m. N, G, M

pumila Sw. var. *natalensis* Pax & R.Knuth = **A. tenuicaulis**

tenuicaulis Baker
A. pumila Sw. var. *natalensis* Pax & R.Knuth (1)
Annual. Herb. Ht 0.05–0.2 m. Alt 0–300 m. KZN

LYSIMACHIA L. 6330000

(1) Dyer. 1963. *FSA* 26: 11–13.

monnieri L. = **Bacopa monnieri**

nutans Nees
Perennial. Herb. Ht 0.25–0.75 m. Alt 550–1400 m. EC

parvifolia Baker = **L. ruhmeriana**

ruhmeriana Vatke
L. parvifolia Baker (1)
L. woodii Schltr. ex Pax & R.Knuth (1)
Perennial. Herb. Ht 0.8–1.2 m. Alt 100–2075 m. LIM, M, S, FS, KZN, EC

woodii Schltr. ex Pax & R.Knuth = **L. ruhmeriana**

PROTEACEAE

Compiled by J.P. Rourke

AULAX P.J.Bergius 2038000

(1) Rourke. 1987. *South African Journal of Botany* 53: 464–480.

cancellata (L.) Druce
A. pinifolia P.J.Bergius (1)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–1200 m. WC

cneorifolia Salisb. ex Knight = **A. umbellata**

pallasia Stapf
Perennial. Lignotuberous shrub. Ht 0.5–3 m. Alt 800–2000 m. WC

pinifolia P.J.Bergius = **A. cancellata**

umbellata (Thunb.) R.Br.
A. cneorifolia Salisb. ex Knight (1)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–500 m. WC

BRABEJUM L. 2024000

(1) Stapf. 1912. *FC* 5: 504, 505.

stellatifolium L.
Perennial. Tree, shrub. Ht 1.5–8 m. Alt 40–915 m. WC

CONCHIUM Sm. 2047010

aciculare Vent. = **Hakea sericea**

DIASTELLA Salisb. ex Knight 2031020

(1) Rourke. 1976. *Journal of South African Botany* 42: 185–210.

bryiflora Salisb. ex Knight = **D. thymelaeoides** subsp. **thymelaeoides**

buekii (Gand.) Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 200–300 m. WC

divaricata (P.J.Bergius) Rourke subsp. **divaricata**
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 0–600 m. WC

divaricata (P.J.Bergius) Rourke subsp. **montana** Rourke
D. serpyllifolia Salisb. ex Knight (1)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 300–1200 m. WC

ericaefolia Salisb. ex Knight = **D. proteoides**

fraterna Rourke
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 0–450 m. WC

myrtifolia (Thunb.) Salisb. ex Knight
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 400–600 m. WC

parilis Salisb. ex Knight
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 230–500 m. WC

proteoides (L.) Druce
D. ericaefolia Salisb. ex Knight (1)
Mimetes purpureus (L.) R.Br. (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 50–160 m. WC

serpyllifolia Salisb. ex Knight = **D. divaricata** subsp. **montana**

thymelaeoides (P.J.Bergius) Rourke subsp. **meridiana** Rourke
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 0–150 m. WC

thymelaeoides (P.J.Bergius) Rourke subsp. **thymelaeoides**
D. bryiflora Salisb. ex Knight (1)
Paranomus concavus (Lam.) Kuntze (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 450–900 m. WC

FAUREA Harv. 2034000

(1) Harvey. 1847. *London Journal of Botany* 6: 373–375.
(2) Welwitsch. 1869. *Transactions of the Linnean Society of London* 27: 62–66.
(3) Phillips & Stapf. 1912. *FC* 5: 639–643.
(4) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 391.
(5) Coates Palgrave & Moll. 1977. *Trees of southern Africa*: 125–127.
(6) Marner. 1993. *FTEA* Proteaceae: 2–8.
(7) Lebrun & Stork. 1995. *Enumération des plantes à fleurs d'Afrique tropicale* 1: 119.

decipiens C.H.Wright = **F. rochetiana**

galpinii E.Phillips
Perennial. Tree. Ht 2–? m. Alt 1200–1800 m. M, S, L

macnaughtonii E.Phillips
F. natalensis E.Phillips (5)
Perennial. Tree. Ht? Alt? S, KZN, WC, EC

natalensis E.Phillips = **F. macnaughtonii**

rochetiana (A.Rich.) Chiov. ex Pic.Serm.
F. decipiens C.H.Wright (7)
F. rochetiana (A.Rich.) Chiov. ex Pic.Serm. subsp. *speciosa* (Welw.) Troupin (7)
F. speciosa Welw. (6)
F. speciosa Welw. var. *lanuginosa* Hiern (7)
Perennial. Tree. Ht 5–10 m. Alt 600–1500 m. M, S, KZN, L

rochetiana (A.Rich.) Chiov. ex Pic.Serm. subsp. *speciosa* (Welw.) Troupin = **F. rochetiana**

saligna Harv.
Perennial. Tree. Ht 7–20 m. Alt 900–1500 m. NW, G, M, S, KZN, L

speciosa Welw. = **F. rochetiana**

speciosa Welw. var. *lanuginosa* Hiern = **F. rochetiana**

*GREVILLEA R.Br. ex Knight 2045000

(1) McGillivray & Makinson. 1993. Grevillea, *Proteaceae, a taxonomic revision*: 1–465.

banksii R.Br.
Perennial. Shrub. Ht 3–10 m. Alt 100–1000 m. KZN

*HAKEA Schrad. 2047000

(1) Stirton. 1978. *Plant invaders. Beautiful but dangerous*: 72–83.
(2) Barker *et al.* 1991. *Flora of Australia* 17B Proteaceae 3: 1–171.

acicularis (Vent.) Knight = **H. sericea**

drupacea (C.F. Gaertn.) Roem & Schult.
H. suaveolens R.Br. (2)
Perennial. Shrub. Ht? Alt 100–1000 m. WC

gibbosa (Sm.) Cav.
Perennial. Shrub 1–3 m. Alt 100–300 m. WC

salicifolia (Vent.) B.L.Burtt
H. saligna (Andrews) Knight (2)
Perennial. Tree, shrub. Ht 2–5 m. Alt 100–1200 m. S, WC

saligna (Andrews) Knight = **H. salicifolia**

sericea Schrad. & J.C.Wendl.
Conchium aciculare Vent. (2)
H. acicularis (Vent.) Knight (2)
H. tenuifolia (Salisb.) Britten (2)
Perennial. Shrub. Ht 2–4 m. Alt 100–1200 m. WC, EC

suaveolens R.Br. = **H. drupacea**

tenuifolia (Salisb.) Britten = **H. sericea**

LEUCADENDRON R.Br. 2037000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 7, 8.
(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 170.
(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 373.
(4) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 862.
(5) Williams. 1967. *The Flowering Plants of Africa* 38: tt. 1492–1494, 1514, 1515.
(6) Williams. 1969. *The Flowering Plants of Africa* 39: t. 1560.
(7) Williams. 1972. *Contributions from the Bolus Herbarium* 3: 1–425.
(8) Williams. 1981. *Journal of South African Botany* 47: 121–126.
(9) Van Wyk. 1990. *South African Journal of Botany* 47: 458–466.
(10) Rourke. 1997. *Bothalia* 27: 52–55.
(11) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 248.

abietinum R.Br. = **L. teretifolium**

adscendens R.Br. = **L. salignum**

aemulum R.Br. = **L. comosum** subsp. **comosum**

aemulum R.Br. var. *homaeophyllum* Meisn. = **L. comosum** subsp. **homaeophyllum**

album (Thunb.) Fourc.
L. aurantiacum H.Buek ex Meisn. (7)
L. proteoides E.Phillips & Hutch. (7)

Perennial. Shrub. Ht 1–2 m. Alt 1000–1350 m. WC, EC

angustatum R.Br. = **L. ericifolium**

arcuatum (Lam.) I.Williams
L. crassifolium R.Br. (7)
L. crassulaefolium (Salisb. ex Knight) I.Williams (7)
L. spathulatum R.Br. (7)
Perennial. Lignotuberous shrub. Ht 0.5–2 m. Alt 800–1500 m. WC

argenteum (L.) R.Br.
Perennial. Tree. Ht 6–10 m. Alt 400–600 m. WC

aurantiacum H.Buek ex Meisn. = **L. album**

barkerae I.Williams
Perennial. Shrub. Ht 1–2 m. Alt 1000–1220 m. WC

bonum I.Williams
Perennial. Shrub. Ht 1–1.6 m. Alt 1300–1500 m. WC

brunioides Meisn. var. **brunioides**
L. fusciflora E.Phillips & Hutch. (7)
L. inflexum Link in part (7)
Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 100–1000 m. WC

brunioides Meisn. var. **flumenlupinum** I.Williams
Perennial. Lignotuberous shrub. Ht 1–1.6 m. Alt 100–800 m. WC

burchellii I.Williams
Perennial. Shrub. Ht 1–1.6 m. Alt 730–1000 m. WC

cadens I.Williams
Perennial. Shrub. Ht 0.3–0.5 m. Alt 1400–1500 m. WC

chamelaea (Lam.) I.Williams
L. decurrens R.Br. (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 200–1000 m. WC

cinereum R.Br. in part = **L. verticillatum**

cinereum (Sol. ex Aiton) R.Br.
L. truncatum (Thunb.) Meisn. (7)
Perennial. Shrub. Ht 0.5–1 m. Alt 15–90 m. WC

comosum (Thunb.) R.Br. subsp. **comosum**
L. aemulum R.Br. (7)
L. deasii E.Phillips (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 1000–1800 m. WC

comosum (Thunb.) R.Br. subsp. **homaeophyllum** (Meisn.) I.Williams
L. aemulum R.Br. var. *homaeophyllum* Meisn. (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 450–920 m. WC

concavum I.Williams
Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1200 m. WC

concinnum R.Br. = **L. procerum**

concinnum R.Br. var. *latifolium* Meisn. = **L. roodii**

concolor R.Br. = **L. strobilinum**

conicum (Lam.) I.Williams
L. ramosissimum H.Buek ex Meisn. (7)
Perennial. Tree, shrub. Ht 3–6 m. Alt 270–1000 m. WC, EC

coniferum (L.) Meisn.
L. inflexum Link in part (7)
L. sabulosum Salter (7)
Perennial. Tree, shrub. Ht 2–4 m. Alt 10–100 m. WC

cordatum E.Phillips
L. humifusum E.Phillips & Hutch. (7)
Perennial. Shrub. Ht 0.5–1 m. Alt 450–1700 m. WC

coriaceum E.Phillips & Hutch.
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 120–150 m. WC

corymbosum P.J.Bergius
Perennial. Shrub. Ht 1–2 m. Alt 100–300 m. WC

crassifolium R.Br. = **L. arcuatum**

crassulaefolium (Salisb. ex Knight) I.Williams = **L. arcuatum**

cryptocephalum Guthrie
Perennial. Shrub. Ht 0.5–1 m. Alt 90–260 m. WC

daphnoides (Thunb.) Meisn.
L. venosum R.Br. (7)
Perennial. Shrub. Ht 1–1.5 m. Alt 240–914 m. WC

deasii E.Phillips = **L. comosum** subsp. **comosum**

decorum R.Br. = **L. laureolum**

decurrens R.Br. = **L. chamelaea**

diemontianum I.Williams
Perennial. Shrub. Ht 1–2.2 m. Alt 600–1200 m. WC

discolor E.Phillips & Hutch.
Perennial. Shrub. Ht 1–2.5 m. Alt 450–900 m. WC

dregei E.Mey. ex Meisn.
Leucospermum zwartbergense Bolus (7)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1500–1800 m. WC

dubium (H.Buek ex Meisn.) E.Phillips & Hutch.
Perennial. Shrub. Ht 1–1.3 m. Alt 900–1800 m. WC

elatum H.Buek ex Meisn. = **L. pubescens**

elimense E.Phillips subsp. **elimense**
Perennial. Shrub. Ht 1–1.5 m. Alt 50–150 m. WC

elimense E.Phillips subsp. **salteri** I.Williams
Perennial. Shrub. Ht 0.5–1 m. Alt 30–300 m. WC

elimense E.Phillips subsp. **vyeboomense** I.Williams
Perennial. Shrub. Ht 0.5–1.3 m. Alt 300–370 m. WC

empetrifolium Gand. = **L. stellare**

ericifolium R.Br.
L. angustatum R.Br. (7)
L. uniflorum E.Phillips (7)
Perennial. Shrub. Ht 1–3 m. Alt 300–600 m. WC

eucalyptifolium H.Buek ex Meisn.
Perennial. Shrub. Ht 2–5 m. Alt 150–1300 m. WC

flexuosum I.Williams
Perennial. Shrub. Ht 1–2.5 m. Alt 170–180 m. WC

floridum R.Br.
Perennial. Shrub. Ht 1–2 m. Alt 40–900 m. WC

foedum I.Williams
Perennial. Shrub. Ht 1–3 m. Alt 30–100 m. WC

fusciflora E.Phillips & Hutch. = **L. brunioides** var. **brunioides**

fusciflorum (Jacq.) R.Br. = **L. linifolium**

galpinii E.Phillips & Hutch.
Perennial. Shrub. Ht 2–3 m. Alt 180–200 m. WC

gandogeri Schinz ex Gand.
L. guthrieae Salter (7)
Perennial. Shrub. Ht 1–1.6 m. Alt 20–1200 m. WC

glaberrimum (Schltr.) Compton subsp. **erubescens** I.Williams
Perennial. Lignotuberous shrub. Ht 0.5–0.8 m. Alt 300–900 m. WC

glaberrimum (Schltr.) Compton subsp. **glaberrimum**
Perennial. Lignotuberous dwarf shrub. Ht 0.3–1.3 m. Alt 800–1600 m. WC

glabrum R.Br. = **L. spissifolium** subsp. **spissifolium**

globosum (Kenn. ex Andrews) I.Williams
L. ovale R.Br. (7)
Perennial. Shrub. Ht 1–1.3 m. Alt 200–250 m. WC

gnidioides Gand. & Schinz = **L. spissifolium** subsp. **phillipsii**

grandiflorum (Salisb.) R.Br.
Perennial. Shrub. Ht 1–1.5 m. Alt 200–220 m. WC

guthrieae Salter = **L. gandogeri**

gydoense I.Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 1200–1600 m. WC

humifusum E.Phillips = **L. sessile**

humifusum E.Phillips & Hutch. = **L. cordatum**

humifusum (Meisn.) E.Phillips & Hutch. = **L. tinctum**

imbricatum R.Br. = **L. stellare**

immoderatum Rourke
Perennial. Shrub. Ht 1–2 m. Alt 1400–1500 m. WC

inflexum Link in part = **L. brunioides** var. **brunioides**

inflexum Link in part = **L. coniferum**

involucratum Meisn. = **L. salignum**

lanigerum H.Buek ex Meisn. var. **laevigatum** Meisn.
Perennial. Lignotuberous shrub. Ht 1–1.6 m. Alt 100–200 m. WC

lanigerum H.Buek ex Meisn. var. **lanigerum**
Perennial. Lignotuberous shrub. Ht 1–1.5 m. Alt 100–200 m. WC

laureolum (Lam.) Fourc.
L. decorum R.Br. (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 20–200 m. WC

laxum I.Williams
Perennial. Shrub. Ht 1–1.5 m. Alt 50–300 m. WC

levisanus (L.) P.J.Bergius
Perennial. Shrub. Ht 1–2 m. Alt 50–200 m. WC

linifolium (Jacq.) R.Br.
L. fusciflorum (Jacq.) R.Br. (7)
L. longicaule (Salisb. ex Knight) I.Williams (7)
L. tortum R.Br. (7)
Perennial. Shrub. Ht 1–3 m. Alt 5–100 m. WC

loeriense I.Williams
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 600–900 m. EC

longicaule (Salisb. ex Knight) I.Williams = **L. linifolium**

loranthifolium (Salisb. ex Knight) I.Williams
L. pearsonii E.Phillips (7)
L. pseudospathulatum E.Phillips & Hutch. (7)
Perennial. Shrub. Ht 1–2 m. Alt 60–1000 m. WC

macowanii E.Phillips
Perennial. Shrub. Ht 1–2.5 m. Alt 20–60 m. WC

marginatum (Willd.) Link = **L. spissifolium** subsp. **spissifolium**

meridianum I.Williams
Perennial. Shrub. Ht 1–2 m. Alt 20–100 m. WC

meyerianum H.Buek ex E.Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 700–800 m. NC, WC

microcephalum (Gand.) Gand. & Schinz
L. stokoei E.Phillips (7)
Perennial. Shrub. Ht 1–2 m. Alt 1000–1800 m. WC

minus E.Phillips & Hutch. and var. *glabrescens* E.Phillips & Hutch. = **L. spissifolium** subsp. **spissifolium**

modestum I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–100 m. WC

muirii E.Phillips
Perennial. Shrub. Ht 0.5–2 m. Alt 50–250 m. WC

natalense Thode & Gilg = **L. spissifolium** subsp. **natalense**

nervosum E.Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 1000–1300 m. WC

nitidum H.Buek ex Meisn.
L. schinzianum Schltr. (7)
L. schlechteri E.Phillips & Hutch. (7)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 1500–1900 m. WC

nobile I.Williams
Perennial. Shrub. Ht 2–4 m. Alt 700–1800 m. WC, EC

olens I.Williams
Perennial. Shrub. Ht 1–1.2 m. Alt 590–790 m. WC

orientale I.Williams
Perennial. Shrub. Ht 0.5–1.5 m. Alt 150–800 m. EC

osbornei Rourke
Perennial. Shrub. Ht 2–4 m. Alt 700–1500 m. WC

ovale R.Br. = **L. globosum**

pearsonii E.Phillips = **L. loranthifolium**

phillipsii Hutch. = **L. spissifolium** subsp. **phillipsii**

pillansii E.Phillips = **L. pubescens**

platyspermum R.Br.
Perennial. Shrub. Ht 1–1.3 m. Alt 100–250 m. WC

plumosum (Aiton) R.Br. = **L. rubrum**

polygaloides Link = **L. stellare**

pondoense A.E.van Wyk
Perennial. Tree, shrub. Ht 3–6 m. Alt 60–100 m. EC

procerum (Salisb. ex Knight) I.Williams
L. concinnum R.Br. (7)
Perennial. Shrub. Ht 2–3.5 m. Alt 60–800 m. WC

proteoides E.Phillips & Hutch. = **L. album**

pseudospathulatum E.Phillips & Hutch. = **L. loranthifolium**

pubescens R.Br.
L. elatum H.Buek ex Meisn. (7)
L. pillansii E.Phillips (7)
L. retusum R.Br. (7)
L. seriocephalum Schltr. (7)
Perennial. Shrub, dwarf shrub. Ht 0.6–2.6 m. Alt 60–1500 m. WC

pubibracteolatum I.Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 400–900 m. WC, EC

radiatum E.Phillips & Hutch.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 1300–1600 m. WC

ramosissimum H.Buek ex Meisn. = **L. conicum**

remotum I.Williams

Perennial. Shrub. Ht 1–1.7 m. Alt 700–850 m. WC

retusum R.Br. = **L. pubescens**

riparium Salter and var. *collinum* Salter = **L. spissifolium** subsp. **spissifolium**

roodii E.Phillips
L. concinnum R.Br. var. *latifolium* Meisn. (7)
Perennial. Shrub. Ht 1–1.5 m. Alt 550–650 m. WC

rourkei I.Williams
Perennial. Shrub. Ht 3–5 m. Alt 200–1400 m. WC

rubrum Burm.f.
L. plumosum (Aiton) R.Br. (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 200–1200 m. WC

sabulosum Salter = **L. coniferum**

salicifolium (Salisb.) I.Williams
L. strictum R.Br. (7)
Perennial. Shrub. Ht 2–3 m. Alt 0–920 m. WC

salignum P.J.Bergius
L. adscendens R.Br. (7)
L. involucratum Meisn. (7)
Perennial. Lignotuberous shrub. Ht 0.5–2 m. Alt 20–1800 m. WC, EC

salignum R.Br. in part = **L. xanthoconus**

saxatile Salter = **L. strobilinum**

scabrum R.Br. = **L. spirale**

schinzianum Schltr. = **L. nitidum**

schlechteri E.Phillips & Hutch. = **L. nitidum**

sericeum (Thunb.) R.Br.
Perennial. Shrub. Ht 1–1.3 m. Alt 800–1000 m. WC

seriocephalum Schltr. = **L. pubescens**

sessile R.Br.
L. humifusum E.Phillips (7)
Perennial. Shrub. Ht 1–1.5 m. Alt 15–600 m. WC

sheilae I.Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 650–800 m. WC

singulare I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1800–1950 m. WC

sorocephalodes E.Phillips & Hutch.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 900–1200 m. EC

spathulatum R.Br. = **L. arcuatum**

spirale (Salisb. ex Knight) I.Williams
L. scabrum R.Br. (7)
Perennial. Shrub. Ht 0.5–1 m. Alt 200–300 m. WC

spissifolium (Salisb. ex Knight) I.Williams subsp. **fragrans** I.Williams
Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 580–980 m. WC

spissifolium (Salisb. ex Knight) I.Williams subsp. **natalense** (Thode & Gilg) I.Williams
L. natalense Thode & Gilg (7)
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 30–500 m. KZN, EC

spissifolium (Salisb. ex Knight) I.Williams subsp. **oribinum** I.Williams
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 300–400 m. KZN

spissifolium (Salisb. ex Knight) I.Williams subsp. **phillipsii** (Hutch.) I.Williams
L. gnidioides Gand. & Schinz (7)
L. phillipsii Hutch. (7)
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 50–500 m. WC, EC

spissifolium (Salisb. ex Knight) I.Williams subsp. **spissifolium**
L. glabrum R.Br. (7)
L. marginatum (Willd.) Link (7)
L. minus E.Phillips & Hutch. and var. *glabrescens* E.Phillips & Hutch. (7)
L. riparium Salter and var. *collinum* Salter (7)
Perennial. Shrub. Ht ?–1.5 m. Alt 0–1300 m. WC

splendens Burm.f. = **Liparia splendens** subsp. **splendens**

squarrosum R.Br. = **L. strobilinum**

stellare (Sims) Sweet
L. empetrifolium Gand. (7)
L. imbricatum R.Br. (7)
L. polygaloides Link (7)
Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 30–150 m. WC

stelligerum I.Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 30–100 m. WC

stokoei E.Phillips = **L. microcephalum**

strictum R.Br. = **L. salicifolium**

strobilinum (L.) Druce
L. concolor R.Br. (7)
L. saxatile Salter (7)
L. squarrosum R.Br. (7)
Perennial. Shrub. Ht 1–2.6 m. Alt 460–100 m. WC

teretifolium (Andrews) I.Williams
L. abietinum R.Br. (7)
Perennial. Shrub. Ht 1–1.2 m. Alt 0–1200 m. WC

thymifolium (Salisb. ex Knight) I.Williams
Perennial. Shrub. Ht 1–2 m. Alt 50–100 m. WC

tinctum I.Williams
L. humifusum (Meisn.) E.Phillips & Hutch. (7)
Perennial. Shrub. Ht 1–1.3 m. Alt 300–600 m. WC

tortum R.Br. = **L. linifolium**

tradouwense I.Williams
Perennial. Shrub. Ht 1–2 m. Alt 200–300 m. WC

truncatum (Thunb.) Meisn. = **L. cinereum**

uliginosum R.Br. subsp. **glabratum** I.Williams
Perennial. Shrub. Ht 1.2–4 m. Alt 400–1400 m. EC

uliginosum R.Br. subsp. **uliginosum**
Perennial. Shrub. Ht 2–3 m. Alt 450–1000 m. WC, EC

uniflorum E.Phillips = **L. ericifolium**

venosum R.Br. = **L. daphnoides**

verticillatum (Thunb.) Meisn.
L. cinereum R.Br. in part (7)
Perennial. Shrub. Ht 1–2 m. Alt 50–120 m. WC

welwitschii Hiern = **Protea welwitschii** subsp. **welwitschii**

xanthoconus (Kuntze) K.Schum.
L. salignum R.Br. in part (7)
Perennial. Shrub. Ht 1–2 m. Alt 20–600 m. WC

LEUCADENDRUM T.Post & Kuntze 2036010

gnaphaliifolium Salisb. ex Knight = **Leucospermum calligerum**

xeranthemifolium Salisb. ex Knight = **Leucospermum calligerum**

LEUCOSPERMUM R.Br. 2036000

(1) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 399.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 74.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 95.
(4) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 311.
(5) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 572.
(6) Phillips. 1937. *The Flowering Plants of South Africa* 17: tt. 667, 668.
(7) Rycroft. 1962. *The Flowering Plants of Africa* 35: t. 1361.
(8) Vogts. 1962. *The Flowering Plants of Africa* 35: t. 1380.
(9) Rourke. 1971. *The Flowering Plants of Africa* 41: tt. 1633, 1634.
(10) Rourke. 1972. *Journal of South African Botany*, Suppl. Vol. 8: 1–194.
(11) Rourke. 1977. *The Flowering Plants of Africa* 44: t. 1723.
(12) Rourke. 1979. *The Flowering Plants of Africa* 45: t. 1781.
(13) Rourke. 1983. *Journal of South African Botany* 49: 213–219.
(14) Rourke. 1994. *Bothalia* 24: 167–170.

album Bond = **L. bolusii**

alpinum (Salisb. ex Knight) Rourke = **Vexatorella alpina**

alpinum (Salisb. ex Knight) Rourke subsp. *alpinum* = **Vexatorella alpina**

alpinum (Salisb. ex Knight) Rourke subsp. *amoenum* Rourke = **Vexatorella amoena**

arenarium Rycroft
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 120–150 m. WC

attenuatum R.Br. = **L. cuneiforme**

bolusii E.Phillips = **L. cordifolium**

bolusii Gand.
L. album Bond (11)
Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 200 m. WC

buxifolium R.Br. = **L. truncatulum**

calligerum (Salisb. ex Knight) Rourke
Leucadendrum gnaphaliifolium Salisb. ex Knight (10)
Leucadendrum xeranthemifolium Salisb. ex Knight (10)
L. puberum (L.) R.Br. (10)
Perennial. Shrub. Ht 1–2 m. Alt 150–1200 m. WC

candicans Andrews = **L. rodolentum**

cartilagineum (R.Br.) E.Phillips = **Vexatorella alpina**

catherinae Compton
Perennial. Shrub. Ht 1–3 m. Alt 600–1200 m. WC

cereris Compton = **L. spathulatum**

conocarpodendron (L.) H.Buek subsp. **conocarpodendron**
L. conocarpum (Thunb.) R.Br. (10)
Perennial. Tree, shrub. Ht 3–5 m. Alt 10–300 m. WC

conocarpodendron (L.) H.Buek subsp. **viridum** Rourke
Perennial. Tree, shrub. Ht 3–5 m. Alt 0–300 m. WC

conocarpum (Thunb.) R.Br. = **L. conocarpodendron** subsp. **conocarpodendron**

cordatum E.Phillips
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 15–80 m. WC

cordifolium (Salisb. ex Knight) Fourc.
L. bolusii E.Phillips (10)
L. mixtum E.Phillips (10)
L. nutans R.Br. (10)
Perennial. Shrub. Ht 1–1.5 m. Alt 30–460 m. WC

crinitum (Thunb.) R.Br. = **L. oleifolium**

cuneiforme (Burm.f.) Rourke
L. attenuatum R.Br. (10)
L. ellipticum (Thunb.) R.Br. (10)
Perennial. Lignotuberous shrub. Ht 1–3 m. Alt 0–1000 m. WC, EC

diffusum R.Br. = **L. saxatile**

ellipticum (Thunb.) R.Br. = **L. cuneiforme**

erubescens Rourke
Perennial. Shrub. Ht 1–2 m. Alt 450–600 m. WC

formosum (Andrews) Sweet
Perennial. Shrub. Ht 1–3 m. Alt 200–920 m. WC

fulgens Rourke
Perennial. Shrub. Ht 1–3 m. Alt 120–150 m. WC

gerrardii Stapf
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.4 m. Alt 450–1800 m. M, S, KZN

glabrum E.Phillips
Perennial. Shrub. Ht 1–2.5 m. Alt 150–460 m. WC

glomiflorum Salisb. ex Knight = **L. prostratum**

gracile (Salisb. ex Knight) Rourke
L. stenanthum Schltr. (10)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 90–920 m. WC

grandiflorum (Salisb.) R.Br.
Perennial. Shrub. Ht 1–2.5 m. Alt? WC

gueinzii Meisn.
Perennial. Shrub. Ht 2–3 m. Alt 300–900 m. WC

hamatum Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 600–750 m. WC

harpagonatum Rourke
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 750–800 m. WC

heterophyllum (Thunb.) Rourke
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 50–200 m. WC

hypophyllocarpodendron (L.) Druce subsp. **canaliculatum** (H.Buek ex Meisn.) Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 10–150 m. WC

hypophyllocarpodendron (L.) Druce subsp. **hypophyllocarpodendron**
L. hypophyllum (Thunb.) R.Br. (10)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 0–300 m. WC

hypophyllum (Thunb.) R.Br. = **L. hypophyllocarpodendron** subsp. **hypophyllocarpodendron**

incisum E.Phillips = **L. vestitum**

innovans Rourke
Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 300–500 m. KZN, EC

lineare R.Br.
Perennial. Shrub. Ht 1–2 m. Alt 300–900 m. WC

mixtum E.Phillips = **L. cordifolium**

muirii E.Phillips
Perennial. Shrub. Ht 1–1.5 m. Alt 30–300 m. WC

mundii Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 300–1000 m. WC

nutans R.Br. = **L. cordifolium**

obtusatum (Thunb.) E.Phillips subsp. *albomontanum* Rourke = **Vexatorella obtusata** subsp. **albomontana**

obtusatum (Thunb.) E.Phillips subsp. *obtusatum* = **Vexatorella obtusata** subsp. **obtusata**

oleifolium (P.J.Bergius) R.Br.
L. crinitum (Thunb.) R.Br. (10)
Perennial. Shrub. Ht 0.5–1 m. Alt 0–920 m. WC

parile (Salisb. ex Knight) Sweet
Perennial. Shrub. Ht 1–1.5 m. Alt 30–150 m. WC

patersonii E.Phillips
Perennial. Tree, shrub. Ht 2–4 m. Alt 50–250 m. WC

pedunculatum Klotzsch
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 0–200 m. WC

pluridens Rourke
Perennial. Shrub. Ht 2–3 m. Alt 450–1000 m. WC

praecox Rourke
Perennial. Shrub. Ht 2–3 m. Alt 100–250 m. WC

praemorsum (Meisn.) E.Phillips
Perennial. Tree, shrub. Ht 1–5 m. Alt 30–760 m. NC, WC

profugum Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 360–760 m. WC

prostratum (Thunb.) Stapf
L. glomiflorum Salisb. ex Knight (10)
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 10–200 m. WC

puberum (L.) R.Br. = **L. calligerum**

reflexum H.Buek ex Meisn. var. **luteum** Rourke
Perennial. Shrub. Ht 2–4 m. Alt 900–1800 m. WC

reflexum H.Buek ex Meisn. var. **reflexum**
Perennial. Shrub. Ht 2–4 m. Alt 900–1800 m. WC

rodolentum (Salisb. ex Knight) Rourke
L. candicans Andrews (10)
Perennial. Shrub. Ht 1–3 m. Alt 10–300 m. WC

royenifolium (Salisb. ex Knight) Stapf
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 600–1200 m. WC, EC

saxatile (Salisb. ex Knight) Rourke
L. diffusum R.Br. (10)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 450–600 m. WC

saxosum S.Moore
Perennial. Lignotuberous shrub. Ht 1–3 m. Alt 1200–2000 m. M, L

secundifolium Rourke
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 1200–1500 m. WC

spathulatum R.Br.
L. cereris Compton (10)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 1300–1700 m. WC

stenanthum Schltr. = **L. gracile**

tomentosum (Thunb.) R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 10–100 m. WC

tottum (L.) R.Br.
L. tottum (L.) R.Br. var. *glabrum* E.Phillips (10)
Perennial. Shrub. Ht 1–2 m. Alt 300–1800 m. WC

tottum (L.) R.Br. var. *glabrum* E.Phillips = **L. tottum**

truncatulum (Salisb. ex Knight) Rourke
L. buxifolium R.Br. (10)
Perennial. Shrub. Ht 1–2 m. Alt 0–370 m. WC

truncatum (H.Buek ex Meisn.) Rourke
Perennial. Shrub. Ht 1–2.5 m. Alt 0–250 m. WC

utriculosum Rourke
Perennial. Shrub. Ht 1–2 m. Alt 60–600 m. WC

vestitum (Lam.) Rourke
L. incisum E.Phillips (10)
Perennial. Shrub. Ht 1–2.5 m. Alt 60–1200 m. WC

winteri Rourke
Perennial. Shrub. Ht 1–1.3 m. Alt 1100–1300 m. WC

wittebergense Compton
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 760–1830 m. WC

zwartbergense Bolus = **Leucadendron dregei**

*MACADAMIA F.Muell. 2054000

(1) Gross. 1995. In *Flora of Australia* 16,1: 419–425.

integrifolia Maiden & Betche
Perennial. Tree. Ht 6–18 m. Alt 50–300 m. M, KZN

MIMETES Salisb. 2031000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 36.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 58.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 82.
(4) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 128.
(5) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 916.
(6) Rourke & Lincoln. 1982. Mimetes, *an illustrated account of* Mimetes *Salisb. and* Orothamnus *Pappe*: 1–143.
(7) Rourke. 1988. *South African Journal of Botany* 54: 636–639.

arboreus Rourke
Perennial. Tree, shrub. Ht 2–6 m. Alt 450–1200 m. WC

argenteus Salisb. ex Knight
M. nitens (Thunb.) Roem. & Schult. (7)
Perennial. Shrub. Ht 1.5–3.5 m. Alt 350–1400 m. WC

capitulatus (L.) R.Br.
Perennial. Shrub. Ht 1–2 m. Alt 600–1200 m. WC

chrysanthus Rourke
Perennial. Shrub. Ht 0.8–1.2 m. Alt ?–1021 m. WC

cucullatus (L.) R.Br.
M. lyrigera Salisb. ex Knight (7)
Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 0–1200 m. WC, EC

cucullatus (L.) R.Br. var. *hartogii* (R.Br.) E.Phillips = **M. fimbriifolius**

fimbriifolius Salisb. ex Knight
M. cucullatus (L.) R.Br. var. *hartogii* (R.Br.) E.Phillips (7)
M. hartogii R.Br. (7)
Perennial. Tree. Ht 2.5–5 m. Alt 0–400 m. WC

hartogii R.Br. = **M. fimbriifolius**

hirtus (L.) Salisb. ex Knight
Perennial. Shrub. Ht 1–2.5 m. Alt 10–400 m. WC

hottentoticus E.Phillips & Hutch.
Perennial. Shrub. Ht 1.5–2 m. Alt 1000–1260 m. WC

integrus Hutch. = **M. splendidus**

lyrigera Salisb. ex Knight, = **M. cucullatus**

nitens (Thunb.) Roem. & Schult. = **M. argenteus**

palustris Salisb. ex Knight
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–900 m. WC

pauciflorus R.Br.
Perennial. Shrub. Ht 2–4 m. Alt 450–1400 m. WC, EC

purpureus (L.) R.Br. = **Diastella proteoides**

saxatilis E.Phillips
Perennial. Shrub. Ht 0.91–2.43 m. Alt 10–305 m. WC

splendidus Salisb. ex Knight
M. integrus Hutch. (7)
Perennial. Shrub. Ht 1.5–2.5 m. Alt 600–1200 m. WC

stokoei E.Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 560–600 m. WC

NIVENIA R.Br. 2029010

capitata R.Br. = **Paranomus capitatus**

crithmifolia R.Br., not *Paranomus crithmifolius* Salisb. ex Knight = **Paranomus bolusii**

diversifolia (Roem. & Schult.) E.Phillips & Hutch. = **Paranomus longicaulis**

dregei H.Buek ex Meisn. = **Paranomus dregei**

lagopus (Thunb.) R.Br. = **Paranomus lagopus**

marginata R.Br. = **Paranomus spathulatus**

micrantha Schltr. = **Paranomus abrotanifolius**

mollissima R.Br. = **Paranomus candicans**

muirii E.Phillips & Hutch. = **Paranomus spathulatus**

parvifolia R.Br. = **Paranomus adiantifolius**

reflexa E.Phillips & Hutch. = **Paranomus reflexus**

sceptrum R.Br. = **Paranomus sceptrum-gustavianus**

spathulata R.Br. = **Paranomus spathulatus**

spicata R.Br. = **Paranomus spicatus**

tomentosa E.Phillips & Hutch. = **Paranomus tomentosus**

OROTHAMNUS Pappe ex Hook. 2031010

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 38.
(2) Rourke & Lincoln. 1982. Mimetes, *an illustrated account of* Mimetes *Salisb. and* Orothamnus *Pappe*: 149–170.

zeyheri Pappe ex Hook.f.
Perennial. Shrub. Ht 1–3 m. Alt 450–850 m. WC

PARANOMUS Salisb. 2029000

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 202.
(2) Fourcade. 1932. *Transactions of the Royal Society of South Africa* 21: 97.
(3) Levyns. 1968. *Journal of South African Botany* 34: 355–361.
(4) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1551.
(5) Levyns. 1970. *Contributions from the Bolus Herbarium* 2: 3–46.
(6) Rourke. 1976. *The Flowering Plants of Africa* 43: t. 1703.
(7) Rourke. 1992. *Bothalia* 22: 43.
(8) Rourke. Personal communication.

abrotanifolius Salisb. ex Knight
Nivenia micrantha Schltr. (5)
P. micranthus (Schltr.) Compton (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 140–200 m. WC

adiantifolius Salisb. ex Knight
Nivenia parvifolia R.Br. (5)
P. spathulatus N.E.Br. (5)
Perennial. Shrub. Ht 1–1.7 m. Alt 460–460 m. WC

bolusii (Gand.) Levyns
Nivenia crithmifolia R.Br., not *Paranomus crithmifolius* Salisb. ex Knight (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 100–500 m. WC

bracteolaris Salisb. ex Knight
P. medius (R.Br.) Kuntze (5)
Perennial. Shrub. Ht 0.6–3 m. Alt 280–1250 m. WC

candicans (Thunb.) Kuntze
Nivenia mollissima R.Br. (5)
Perennial. Shrub. Ht 0.7–2 m. Alt 460–1200 m. WC

capitatus (R.Br.) Kuntze
Nivenia capitata R.Br. (5)
Serruria brevifolia E.Phillips & Hutch. (8)
Perennial. Shrub. Ht 0.7–1.3 m. Alt 600–700 m. WC

centaureoides Levyns
Perennial. Shrub. Ht 1–1.4 m. Alt 1000–1800 m. WC

concavus (Lam.) Kuntze = **Diastella thymelaeoides** subsp. **thymelaeoides**

crithmifolius Salisb. ex Knight = **P. spicatus**

dispersus Levyns
Perennial. Shrub. Ht 0.8–1.4 m. Alt 300–950 m. WC

diversifolius E.Phillips = **P. longicaulis**

dregei (H.Buek ex Meisn.) Kuntze
Nivenia dregei H.Buek ex Meisn. (5)
Perennial. Shrub. Ht 0.8–1.7 m. Alt 900–1400 m. WC, EC

esterhuyseniae Levyns
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 900–1350 m. WC, EC

flabellifer Salisb. ex Knight = **P. spathulatus**

lagopus (Thunb.) Salisb.
Nivenia lagopus (Thunb.) R.Br. (5)
Perennial. Shrub. Ht 0.6–1.3 m. Alt 200–1100 m. WC

longicaulis Salisb. ex Knight
Nivenia diversifolia (Roem. & Schult.) E.Phillips & Hutch. (5)
P. diversifolius E.Phillips (9)
Sorocephalus diversifolius (Roem. & Schult.) R.Br. (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 400–915 m. WC

medius (R.Br.) Kuntze = **P. bracteolaris**

micranthus (Schltr.) Compton = **P. abrotanifolius**

reflexus (E.Phillips & Hutch.) Fourc.
Nivenia reflexa E.Phillips & Hutch. (2)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 45–550 m. EC

roodebergensis (Compton) Levyns
Perennial. Shrub. Ht 1–2.3 m. Alt 600–1300 m. WC

sceptrum-gustavianus (Sparrm.) Hyl.
Nivenia sceptrum R.Br. (5)
Perennial. Shrub. Ht 1–1.8 m. Alt 150–500 m. WC

spathulatus (Thunb.) Kuntze
Nivenia marginata R.Br. (5)
Nivenia muirii E.Phillips & Hutch. (5)
Nivenia spathulata R.Br. (5)
P. flabellifer Salisb. ex Knight (5)
Perennial. Shrub. Ht 0.7–2.3 m. Alt 300–500 m. WC

spathulatus N.E.Br. = **P. adiantifolius**

spicatus (P.J.Bergius) Kuntze
Nivenia spicata R.Br. (5)
P. crithmifolius Salisb. ex Knight (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 0–300 m. WC

tomentosus (E.Phillips & Hutch.) N.E.Br.
Nivenia tomentosa E.Phillips & Hutch. (5)
Perennial. Shrub. Ht 1–3 m. Alt 1200–1500 m. WC

PROTEA L. 2035000

(1) Engler. 1892. *Ueber die Hochgebirgsflora des tropischen Afrika*: 1–461.
(2) Engler. 1902. *Botanische Jahrbücher* 30: 292–300.
(3) Engler. 1902. *Botanische Jahrbücher* 32: 128–131.
(4) Engler & Gilg. 1903. *Kunene-Sambesi Expedition*: 226–321.
(5) Baker. 1910. *FTA* 6: 194–207.
(6) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 22.
(7) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 76.
(8) Phillips. 1923. *The Flowering Plants of South Africa* 3: tt. 84, 100, 108.
(9) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 133.
(10) Phillips. 1925. *The Flowering Plants of South Africa* 5: tt. 177, 185, 192.
(11) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 231.
(12) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 654.
(13) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 920.
(14) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 921.
(15) Phillips. 1944. *The Flowering Plants of South Africa* 24: t. 936.
(16) Dyer. 1950. *The Flowering Plants of Africa* 28: tt. 1086, 1097.
(17) Archibald & Smit. 1951. *The Flowering Plants of Africa* 28: t. 1115.
(18) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1097.
(19) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1147.
(20) Rycroft. 1954. *The Flowering Plants of Africa* 30: t. 1170.
(21) Beard. 1958. *The Flowering Plants of Africa* 32: t. 1280.
(22) Beard. 1958. *Bothalia* 7: 41–65.
(23) Beard. 1959. *The Flowering Plants of Africa* 33: t. 1299.
(24) Rycroft. 1959. *The Flowering Plants of Africa* 33: t. 1283.
(25) Vogts. 1962. *The Flowering Plants of Africa* 35: t. 1386.
(26) Beard. 1963. *Kirkia* 3: 138–206.
(27) Vogts. 1963. *The Flowering Plants of Africa* 36: t. 1406.
(28) Vogts. 1966. *The Flowering Plants of Africa* 37: t. 1462.
(29) Jessop. 1967. *The Flowering Plants of Africa* 38: t. 1509.
(30) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1506.
(31) Rycroft. 1967. *The Flowering Plants of Africa* 38: tt. 1495, 1496.
(32) Rycroft. 1969. *The Flowering Plants of Africa* 39: t. 1547.
(33) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1630.
(34) Rourke. 1973. *The Flowering Plants of Africa* 42: t. 1677.
(35) Davidson. 1975. *Journal of South African Botany*: 41: 207–210.
(36) Rourke. 1976. *The Flowering Plants of Africa* 43: t. 1704.
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(41) Rourke. 1990. *South African Journal of Botany* 56: 261–265.
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abyssinica Willd. = **P. gaguedi**

acaulis (L.) Reichard var. *cockscombensis* Archibald = **P. tenax**

acaulis Thunb. = **P. acaulos**

acaulos (L.) Reichard
P. acaulis Thunb. (38)
P. glaucophylla Salisb. (38)
Perennial. Dwarf rhizomatous shrub. Ht 0.07–0.3 m. Alt 0–1800 m. WC

acerosa R.Br. = **P. subulifolia**

acuminata Sims
P. cedromontana Schltr. (38)
Perennial. Shrub. Ht 1–2 m. Alt 300–1000 m. WC

amplexicaulis (Salisb.) R.Br.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 200–1600 m. WC

angustata R.Br.
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 0–200 m. WC

arborea Houtt. = **P. nitida**

aristata E.Phillips
Perennial. Shrub. Ht 1–2.5 m. Alt 750–2000 m. WC

aspera E.Phillips
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 0–200 m. WC

aurea (Burm.f.) Rourke subsp. **aurea**
P. longiflora Lam. (38)
P. longiflora Lam. var. *ovalis* E.Phillips (38)
Perennial. Tree, shrub. Ht 2–4 m. Alt 150–800 m. WC

aurea (Burm.f.) Rourke subsp. **potbergensis** Rourke
Perennial. Shrub. Ht 2–4 m. Alt 400–500 m. WC

barbigera Meisn. = **P. magnifica**

bolusii E.Phillips = **P. caffra** subsp. **caffra**

burchellii Stapf
P. pulchella Andrews, not of Schrad. & J.C.Wendl. (38)
P. pulchella Andrews var. *undulata* E.Phillips (38)
P. pulchra Rycroft (38)
P. subpulchella Stapf (38)
Perennial. Shrub. Ht 1–2 m. Alt 100–800 m. WC

caespitosa Andrews
P. oleracea Guthrie (38)
P. turbiniflora (Salisb.) R.Br. (38)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1000–1800 m. WC

caffra Meisn. subsp. **caffra**
P. bolusii E.Phillips (38)
P. multibracteata E.Phillips (38)
P. rhodantha Hook.f. (38)
Perennial. Tree, shrub. Ht 3–8 m. Alt 0–2300 m. M, S, FS, KZN, L, EC

calocephala Meisn. = **P. obtusifolia**

canaliculata Andrews
P. harmeri E.Phillips (38)
Perennial. Shrub. Ht 1–1.3 m. Alt 800–1500 m. WC

cedromontana Schltr. = **P. acuminata**

chrysolepis Engl. & Gilg = **P. gaguedi**

comigera Stapf = **P. laurifolia**

compacta R.Br.
P. triandra Schltr. (38)
Perennial. Shrub. Ht 2–3.5 m. Alt 0–100 m. WC

comptonii Beard
Perennial. Tree. Ht 4–8 m. Alt 1200–1600 m. M, KZN

convexa E.Phillips
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1100–1500 m. WC

cordata Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1100–1500 m. WC

coronata Lam.
P. incompta R.Br. (38)
P. incompta R.Br. var. *susannae* E.Phillips (38)
P. macrocephala Thunb. (38)
Perennial. Shrub. Ht 2–3 m. Alt 200–800 m. WC

cryophila Bolus
Perennial. Shrub, dwarf shrub. Ht 0.4–0.6 m. Alt 1700–1900 m. WC

curvata N.E.Br.
Perennial. Tree. Ht 4–8 m. Alt 800–850 m. M

cynaroides (L.) L.
Perennial. Lignotuberous shrub. Ht 0.3–2 m. Alt 50–1000 m. WC, EC

decurrens E.Phillips
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 100–700 m. WC

denticulata Rourke
Perennial. Shrub. Ht 0.3–1 m. Alt 120–300 m. WC

doddii E.Phillips = **P. simplex**

dracomontana Beard
Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1 m. Alt 1600–2200 m. KZN

dykei E.Phillips = **P. rupicola**

echinulata Meisn. = **P. restionifolia**

echinulata Meisn. var. *minor* E.Phillips = **P. restionifolia**

effusa E.Mey. ex Meisn.
P. marlothii E.Phillips (38)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 1200–1800 m. WC

eximia (Salisb. ex Knight) Fourc.
P. latifolia R.Br. (38)
P. latifolia R.Br. var. *auriculata* (Tausch) Kuntze (38)
Perennial. Tree, shrub. Ht 2–5 m. Alt 200–1700 m. WC, EC

flanaganii E.Phillips = **P. simplex**

foliosa Rourke
P. tenax (Salisb.) R.Br. var. *latifolia* Meisn. (38)
Perennial. Lignotuberous shrub. Ht 0.7–1.5 m. Alt 150–600 m. EC

fulva Tausch = **P. lepidocarpodendron**

gaguedi J.F.Gmel.
P. abyssinica Willd. (38)
P. chrysolepis Engl. & Gilg (38)
P. trigona E.Phillips (38)
Perennial. Tree, lignotuberous shrub. Ht 2–3 m. Alt 600–1400 m. N, M, S, KZN

gaguedi J.F.Gmel. subsp. *laetans* (L.E.Davidson) Beard = **P. laetans**

glabra Thunb.
Perennial. Tree, lignotuberous shrub. Ht 2–5 m. Alt 100–1200 m. WC

glaucophylla Salisb. = **P. acaulos**

grandiceps Tratt.
Perennial. Shrub. Ht 1.3–2 m. Alt 700–1700 m. WC

grandiflora Thunb. = **P. nitida**

harmeri E.Phillips = **P. canaliculata**

hirta Klotzsch, not of L. = **P. welwitschii** subsp. **welwitschii**

hirta Klotzsch, not of L. subsp. *glabrescens* Beard = **P. welwitschii** subsp. **welwitschii**

holosericea (Salisb. ex Knight) Rourke
P. patens R.Br. (38)
Perennial. Shrub. Ht 0.7–1.2 m. Alt 1100–1300 m. WC

humiflora Andrews
Perennial. Shrub. Ht 0.7–1 m. Alt 450–1200 m. WC

ignota E.Phillips = **P. longifolia**

incana Hort. ex Meisn. = **P. roupelliae** subsp. **roupelliae**

incompta R.Br. = **P. coronata**

incompta R.Br. var. *susannae* E.Phillips = **P. coronata**

inopina Rourke
Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1 m. Alt 600–650 m. WC

intonsa Rourke
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.3 m. Alt 900–1600 m. WC

lacticolor Salisb.
Perennial. Tree, shrub. Ht 2–6 m. Alt 600–1500 m. WC

lacticolor Salisb. var. *angustata* E.Phillips = **P. subvestita**

lacticolor Salisb. var. *orientalis* (Sim) E.Phillips = **P. subvestita**

laetans L.E.Davidson
P. gaguedi J.F.Gmel. subsp. *laetans* (L.E.Davidson) Beard (43)
Perennial. Tree. Ht 2–5 m. Alt 1000–1400 m. M

laevis R.Br.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1800 m. WC

lanceolata E.Mey. ex Meisn.
Perennial. Shrub. Ht 2–4 m. Alt 0–200 m. WC

latifolia R.Br. = **P. eximia**

latifolia R.Br. var. *auriculata* (Tausch) Kuntze = **P. eximia**

laurifolia Thunb.
P. comigera Stapf (38)
P. marginata Thunb. (38)
Perennial. Tree, shrub. Ht 2.5–8 m. Alt 400–1400 m. WC

lepidocarpodendron (L.) L.
P. fulva Tausch (38)
P. lepidocarpodendron (L.) L. var. *villosa* E.Phillips (38)
Perennial. Shrub. Ht 1.5–3 m. Alt 0–600 m. WC

lepidocarpodendron (L.) L. var. *villosa* E.Phillips = **P. lepidocarpodendron**

ligulaefolia (Salisb. ex Knight) Sweet = **P. longifolia**

longiflora Lam. = **P. aurea** subsp. **aurea**

longiflora Lam. var. *ovalis* E.Phillips = **P. aurea** subsp. **aurea**

longifolia Andrews
P. ignota E.Phillips (38)
P. ligulaefolia (Salisb. ex Knight) Sweet (38)
P. minor (E.Phillips) Compton (38)
P. umbonalis (Salisb. ex Knight) Sweet (38)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 0–1000 m. WC

lorea R.Br.
Perennial. Shrub, dwarf rhizomatous shrub. Ht 0.5–0.7 m. Alt 450–650 m. WC

lorifolia (Salisb. ex Knight) Fourc.
P. macrophylla R.Br. (38)
Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 400–1400 m. WC, EC

macrocephala Thunb. = **P. coronata**

macrophylla R.Br. = **P. lorifolia**

magnifica Link
P. barbigera Meisn. (38)
Perennial. Shrub, dwarf shrub. Ht 0.5–3 m. Alt 600–2700 m. WC

marginata Thunb. = **P. laurifolia**

marlothii E.Phillips = **P. effusa**

mellifera Thunb. = **P. repens**

mellifera Thunb. var. *albiflora* Andrews = **P. repens**

minor (E.Phillips) Compton = **P. longifolia**

montana E.Mey. ex Meisn.
Perennial. Dwarf shrub. Ht 0.2–3 m. Alt 1600–2000 m. WC

mucronifolia Salisb.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 60–100 m. WC

multibracteata E.Phillips = **P. caffra** subsp. **caffra**

mundii Klotzsch
Perennial. Tree, shrub. Ht 3–8 m. Alt 100–1300 m. WC, EC

namaquana Rourke
Perennial. Shrub. Ht 1–2 m. Alt 1200–1600 m. WC

nana (P.J.Bergius) Thunb.
P. rosacea L. (38)
Perennial. Shrub. Ht 0.7–1.5 m. Alt 400–900 m. WC

neriifolia R.Br.
Perennial. Shrub. Ht 1.5–3 m. Alt 30–1300 m. WC, EC

nitida Mill.
P. arborea Houtt. (38)
P. grandiflora Thunb. (38)
Perennial. Tree. Ht 2–10 m. Alt 0–1200 m. WC, EC

nubigena Rourke
Perennial. Shrub, dwarf shrub. Ht 0.5–0.7 m. Alt 2250–2300 m. KZN

obtusifolia H.Buek ex Meisn.
P. calocephala Meisn. (38)
Perennial. Tree, shrub. Ht 2–4 m. Alt 0–500 m. WC

odorata Thunb.
Perennial. Shrub. Ht 0.7–1.2 m. Alt 120–150 m. WC

oleracea Guthrie = **P. caespitosa**

parvula Beard
Perennial. Lignotuberous dwarf shrub. Ht 0.08–0.2 m. Alt 1300–2200 m. M, S

patens R.Br. = **P. holosericea**

pendula R.Br.
Perennial. Shrub. Ht 1–3 m. Alt 900–2000 m. WC

piscina Rourke
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 400–1200 m. WC

pityphylla E.Phillips
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 500–1500 m. WC

pruinosa Rourke
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 1800–2150 m. WC

pudens Rourke
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 30–40 m. WC

pulchella Andrews, not of Schrad. & J.C.Wendl. = **P. burchellii**

pulchella Andrews var. *undulata* E.Phillips = **P. burchellii**

pulchra Rycroft = **P. burchellii**

punctata Meisn.
Perennial. Tree, shrub. Ht 2–4 m. Alt 1200–2000 m. WC, EC

recondita H.Buek ex Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 1000–2000 m. WC

repens (L.) L.
P. mellifera Thunb. (38)
P. mellifera Thunb. var. *albiflora* Andrews (38)
Perennial. Tree, shrub. Ht 0.7–4.5 m. Alt 0–1400 m. WC, EC

restionifolia (Salisb. ex Knight) Rycroft
P. echinulata Meisn. (38)
P. echinulata Meisn. var. *minor* E.Phillips (38)
Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m. Alt 120–300 m. WC

revoluta R.Br.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 850–1600 m. WC

rhodantha Hook.f. = **P. caffra** subsp. **caffra**

rosacea L. = **P. nana**

roupelliae Meisn. subsp. **hamiltonii** Beard ex Rourke
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1300–1400 m. M

roupelliae Meisn. subsp. **roupelliae**
P. incana Hort. ex Meisn. (38)
Perennial. Tree. Ht 3–8 m. Alt 1000–2400 m. M, S, FS, KZN, L, EC

rubropilosa Beard
Perennial. Tree, shrub. Ht 1–5 m. Alt 1400–2300 m. M

rupicola Mund ex Meisn.
P. dykei E.Phillips (38)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 1300–2000 m. WC, EC

scabra R.Br.
P. tenuifolia R.Br. (38)
Perennial. Dwarf rhizomatous shrub. Ht 0.3–0.6 m. Alt 50–900 m. WC

scabriuscula E.Phillips
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1100–2100 m. WC

scolopendriifolia (Salisb. ex Knight) Rourke
P. scolopodendrium R.Br. (38)
Perennial. Shrub, dwarf rhizomatous shrub. Ht 0.5–1 m. Alt 450–2000 m. WC

scolopodendrium R.Br. = **P. scolopendriifolia**

scolymocephala (L.) Reichard
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 5–100 m. WC

scorzonerifolia (Salisb. ex Knight) Rycroft
Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m. Alt 150–450 m. WC

simplex E.Phillips
P. doddii E.Phillips (38)
P. flanaganii E.Phillips (38)
P. transvaalensis E.Phillips (38)
Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.3–1 m. Alt 0–2000 m. M, S, KZN, L, EC

speciosa (L.) L.
P. speciosa (L.) L. var. *angustata* Meisn. (38)
Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 0–1300 m. WC

speciosa (L.) L. var. *angustata* Meisn. = **P. speciosa**

stokoei E.Phillips
Perennial. Shrub. Ht 0.7–2 m. Alt 900–1200 m. WC

subpulchella Stapf = **P. burchellii**

subulifolia (Salisb. ex Knight) Rourke
P. acerosa R.Br. (38)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 60–1300 m. WC

subvestita N.E.Br.
P. lacticolor Salisb. var. *angustata* E.Phillips (38)
P. lacticolor Salisb. var. *orientalis* (Sim) E.Phillips (38)
Perennial. Shrub. Ht 2–5 m. Alt 1200–2400 m. M, FS, KZN, L, WC, EC

sulphurea E.Phillips
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1550 m. WC

susannae E.Phillips
Perennial. Shrub. Ht 2–3 m. Alt 50–200 m. WC

tenax (Salisb.) R.Br.
P. acaulis (L.) Reichard var. *cockscombensis* Archibald (38)
Perennial. Lignotuberous dwarf shrub. Ht 0.5–0.9 m. Alt 1200–1800 m. WC, EC

tenax (Salisb.) R.Br. var. *latifolia* Meisn. = **P. foliosa**

tenuifolia R.Br. = **P. scabra**

transvaalensis E.Phillips = **P. simplex**

triandra Schltr. = **P. compacta**

trigona E.Phillips = **P. gaguedi**

turbiniflora (Salisb.) R.Br. = **P. caespitosa**

umbonalis (Salisb. ex Knight) Sweet = **P. longifolia**

venusta Compton
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1700–2000 m. WC

vogtsiae Rourke
Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m. Alt 1000–1500 m. WC

welwitschii Engl. subsp. *glabrescens* (Beard) Beard = **P. welwitschii** subsp. **welwitschii**

welwitschii Engl. subsp. *hirta* Beard = **P. welwitschii** subsp. **welwitschii**

welwitschii Engl. subsp. **welwitschii**
Leucadendron welwitschii Hiern (26)
P. hirta Klotzsch, not of L. (38)
P. hirta Klotzsch, not of L. subsp. *glabrescens* Beard (43)
P. welwitschii Engl. subsp. *glabrescens* (Beard) Beard (38)
P. welwitschii Engl. subsp. *hirta* Beard (38)
Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–4 m. Alt 300–2000 m. G, KZN, L

witzenbergiana E.Phillips
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 700–1800 m. WC

SERRURIA Salisb. 2030000

(1) Schlechter. 1899. *Botanische Jahrbücher* 27: 108.
(2) Phillips & Hutchinson. 1912. *FC* 5: 654–685.
(3) Phillips. 1933. *The Flowering Plants of South Africa* 13: tt. 481, 482.
(4) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 816.
(5) Rourke. 1982. *Journal of South African Botany* 48: 285–293.
(6) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 375–377.
(7) Rourke. 1990. *South African Journal of Botany* 56: 497–505.
(8) Rourke. 1991. *The Flowering Plants of Africa* 51: t. 2032.
(9) Rourke. 1994. *Bothalia* 24: 1–7.
(10) Rourke & Ward-Hilhorst. 1995. *Flowering Plants of Africa* 54: t. 2110.
(11) Rourke. 1996. *Bothalia* 26: 154–157.
(12) Rourke 1999. *Bothalia* 29: 263–266.
(13) Rourke. Personal communication.

acrocarpa R.Br.
Perennial. Shrub. Ht 1–1.5 m. Alt 200–1200 m. WC

adscendens (Lam.) R.Br.
Perennial. Shrub. Ht 0.3–1 m. Alt 6–250 m. WC

adscendens (Lam.) R.Br. var. *decipiens* (R.Br.) Hutch. = **S. decipiens**

aemula Salisb. ex Knight
S. ciliata R.Br. var. *ciliata* (6)
S. ciliata R.Br. var. *congesta* (R.Br.) Hutch. (13)
S. foeniculacea R.Br. (12)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 20–60 m. WC

aemula Salisb. ex Knight var. *heterophylla* (Meisn.) Hutch. = **S. heterophylla**

aitonii R.Br.
S. argentifolia E.Phillips & Hutch. (6)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 270–1400 m. WC

altiscapa Rourke
Perennial. Shrub. Ht 0.2–0.5 m. Alt 700–1100 m. WC

anethifolia Knight = **S. triternata**

argentifolia E.Phillips & Hutch. = **S. aitonii**

artemisiifolia Knight = **S. pedunculata**

balanocephala Rourke
Perennial. Shrub. Ht 0.5–1 m. Alt 600–650 m. WC

barbigera Knight = **S. phylicoides**

biglandulosa Schltr. = **S. fasciflora**

bolusii E.Phillips & Hutch.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 30–450 m. WC

brevifolia E.Phillips & Hutch. = **Paranomus capitatus**

brownii Meisn.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 150–600 m. WC

burmannii R.Br. = **S. fasciflora**

candicans R.Br.
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 80–600 m. WC

ciliata R.Br. var. *ciliata* = **S. aemula**

ciliata R.Br. var. *congesta* (R.Br.) Hutch. = **S. aemula**

collina Salisb. ex Knight
S. flagellaris R.Br. (6)
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.5 m. Alt 20–300 m. WC

confragosa Rourke
Perennial. Shrub. Ht 0.7–1 m. Alt 600–1050 m. WC

cyanoides (L.) R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.3 m. Alt 30–420 m. WC

cygnea R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.2 m. Alt 400–1300 m. WC

decipiens R.Br.
S. adscendens (Lam.) R.Br. var. *decipiens* (R.Br.) Hutch. (6)
Perennial. Shrub. Ht 1–1.3 m. Alt 20–100 m. WC

decumbens (Thunb.) R.Br.
S. hyemalis Knight (6)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 30–300 m. WC

deluvialis Rourke
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 100–300 m. WC

diffusa R.Br. = **S. furcellata**

dodii E.Phillips & Hutch.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 900–1200 m. WC

effusa Rourke
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 100–750 m. WC

elongata (P.J.Bergius) R.Br.
Perennial. Shrub. Ht 1–1.5 m. Alt 100–650 m. WC

fasciflora Salisb. ex Knight
S. biglandulosa Schltr. (6)
S. burmannii R.Br. (6)
S. knightii Hutch. (6)
S. pauciflora E.Phillips & Hutch. (6)
S. subsericea Hutch. (6)
Perennial. Shrub. Ht 0.5–1 m. Alt 30–1000 m. WC

flagellaris R.Br. = **S. collina**

flagellifolia Salisb. ex Knight
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 150–500 m. WC

flava Meisn.
Perennial. Shrub. Ht 0.5–1 m. Alt 280–1000 m. WC

florida (Thunb.) Salisb. ex Knight
Perennial. Shrub. Ht 1–2 m. Alt 500–650 m. WC

foeniculacea R.Br. = **S. aemula**

fucifolia Salisb. ex Knight
Perennial. Shrub. Ht 1.5–3 m. Alt 30–450 m. WC

furcellata R.Br.
S. diffusa R.Br. (13)
Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 50–300 m. WC

glomerata (L.) R.Br.
Perennial. Shrublet. Ht 0.3–0.7 m. Alt 20–300 m. WC

gracilis Knight = **S. phylicoides**

gremialis Rourke
Perennial. Lignotuberous dwarf shrub. Ht 0.3–0.5 m. Alt 270–760 m. WC

heterophylla Meisn.
S. aemula Salisb. ex Knight var. *heterophylla* (Meisn.) Hutch. (6)
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 60–750 m. WC

hirsuta R.Br.
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 180–500 m. WC

hyemalis Knight = **S. decumbens**

inconspicua L.Guthrie & T.M.Salter
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 150–600 m. WC

incrassata Meisn.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 30–140 m. WC

knightii Hutch. = **S. fasciflora**

kraussii Meisn.
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 250–700 m. WC

lacunosa Rourke
Perennial. Shrub. Ht 0.5–1 m. Alt 750–800 m. WC

leipoldtii E.Phillips & Hutch.
Perennial. Lignotuberous shrub. Ht 0.5–1.5 m. Alt 780–1100 m. WC

linearis Salisb. ex Knight
S. simplicifolia R.Br. (6)
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.7 m. Alt 120–160 m. WC

longipes E.Phillips & Hutch. = **S. pedunculata**

meisneriana Schltr.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 260–300 m. WC

millefolia Salisb. ex Knight
Perennial. Shrub. Ht 0.5–1 m. Alt 300–500 m. WC

nervosa Meisn.
S. ventricosa E.Phillips & Hutch. (6)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–300 m. WC

nivenii Salisb. ex Knight
S. plumosa Meisn. (14)
S. scariosa R.Br. (14)
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 660–1000 m. WC

pauciflora E.Phillips & Hutch. = **S. fasciflora**

pedunculata (Lam.) R.Br.
S. artemisiifolia Knight (6)
S. longipes E.Phillips & Hutch. (6)
Perennial. Shrub. Ht 1–1.5 m. Alt 450–1500 m. WC

phylicoides (P.J.Bergius) R.Br.
S. barbigera Knight (6)
S. gracilis Knight (13)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 150–1600 m. WC

pinnata R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 85–400 m. WC

plumosa Meisn. = **S. nivenii**

rebeloi Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 480–600 m. WC

reflexa Rourke
Perennial. Shrub. Ht 1–2 m. Alt 400–760 m. WC

rosea E.Phillips
Perennial. Shrub. Ht 0.5–1 m. Alt 270–600 m. WC

roxburghii R.Br.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 60–140 m. WC

rubricaulis R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 50–1000 m. WC

scariosa R.Br. = **S. nivenii**

simplicifolia R.Br. = **S. linearis**

stellata Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 900–1200 m. WC

subsericea Hutch. = **S. fasciflora**

trilopha Salisb. ex Knight
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.6 m. Alt 15–300 m. WC

triternata (Thunb.) R.Br.
S. anethifolia Knight (6)
Perennial. Shrub. Ht 1–1.6 m. Alt 450–900 m. WC

vallaris Knight = **S. villosa**

ventricosa E.Phillips & Hutch. = **S. nervosa**

villosa (Lam.) R.Br.
S. vallaris Knight (6)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 45–140 m. WC

viridifolia Rourke
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 800–1000 m. WC

williamsii Rourke
Perennial. Shrub. Ht 0.5–2 m. Alt 1000–1100 m. WC

zeyheri Meisn.
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 650–1150 m. WC

SOROCEPHALUS R.Br. 2028000

(1) Rourke. 1969. *Journal of South African Botany*, Suppl. Vol. 7: 1–124.

alopecurus Rourke
Perennial. Shrub. Ht 0.8–1 m. Alt 650–760 m. WC

capitatus Rourke
Perennial. Shrub. Ht 0.75–1 m. Alt 300–1400 m. WC

clavigerus (Salisb. ex Knight) Hutch.
S. rupestris (Salisb. ex Knight) E.Phillips (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 600–1600 m. WC

crassifolius Hutch.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1290–1435 m. WC

diversifolius (Roem. & Schult.) R.Br. = **Paranomus longicaulis**

imberbis R.Br. = **S. pinifolius**

imbricatus (Thunb.) R.Br.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 450–1000 m. WC

lanatus (Thunb.) R.Br.
S. phylicoides Meisn. (1)
S. schlechteri E.Phillips (1)
Perennial. Shrub, dwarf shrub. Ht 0.25–0.75 m. Alt 1600–2000 m. WC

longifolius (Meisn.) E.Phillips = **S. pinifolius**

palustris Rourke
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 1000–1200 m. WC

phylicoides Meisn. = **S. lanatus**

pinifolius (Salisb. ex Knight) Rourke
S. imberbis R.Br. (1)
S. longifolius (Meisn.) E.Phillips (1)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 600–700 m. WC

rupestris (Salisb. ex Knight) E.Phillips = **S. clavigerus**

salsoloides R.Br. = **Spatalla salsoloides**

scabridus Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 900–2000 m. WC

schlechteri E.Phillips = **S. lanatus**

spatalloides R.Br. = **Spatalla thyrsiflora**

tenuifolius R.Br.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 150–250 m. WC

teretifolius (Meisn.) E.Phillips
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 900–1500 m. WC

SPATALLA Salisb. 2032000

(1) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 889.
(2) Rourke. 1969. *Journal of South African Botany*, Suppl. Vol. 7: 1–124.

argentea Rourke
Perennial. Shrub. Ht 0.5–0.75 m. Alt 1000–1300 m. WC

barbigera Salisb. ex Knight
S. burchellii E.Phillips (2)
S. sericea R.Br. (2)
Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 300–1200 m. WC

bolusii E.Phillips = **S. parilis**

bombycina Salisb. ex Knight = **S. parilis**

brachyloba E.Phillips = **S. mollis**

burchellii E.Phillips = **S. barbigera**

caudata (Thunb.) R.Br.
Spatallopsis caudata (Thunb.) E.Phillips (2)
Spatallopsis caudiflora (Salisb. & Knight) E.Phillips (2)
Spatallopsis ericaefolia (Salisb. & Knight) E.Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 800–1500 m. WC

colorata Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 900–1500 m. WC

confusa (E.Phillips) Rourke
Spatallopsis confusa E.Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 1200–2200 m. WC

curvifolia Salisb. ex Knight
S. galpinii E.Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 10–400 m. WC

cylindrica E.Phillips = **S. longifolia**

ericoides E.Phillips
Perennial. Shrub, dwarf shrub. Ht 0.6–0.75 m. Alt 15–300 m. WC

galpinii E.Phillips = **S. curvifolia**

gracilis Salisb. ex Knight = **S. racemosa**

incurva (Thunb.) R.Br.
S. mucronifolia E.Phillips (2)
S. procera Salisb. ex Knight, illegitimate name (2)
S. wallichii E.Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 1200–2000 m. WC

longifolia Salisb. ex Knight
S. cylindrica E.Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 350–1000 m. WC

mollis R.Br.
S. brachyloba E.Phillips (2)
Perennial. Dwarf shrub. Ht 0.4–0.75 m. Alt 500–914 m. WC

mucronifolia E.Phillips = **S. incurva**

nubicola Rourke
Perennial. Shrub. Ht 1–1.5 m. Alt 1500–1615 m. WC

parilis Salisb. ex Knight
S. bolusii E.Phillips (2)
S. bombycina Salisb. ex Knight (2)
Perennial. Shrub. Ht 1–1.5 m. Alt 300–1400 m. WC

procera Salisb. ex Knight, illegitimate name = **S. incurva**

prolifera (Thunb.) Salisb. ex Knight
Perennial. Shrub. Ht 0.5–1.2 m. Alt 60–200 m. WC

propinqua R.Br.
Spatallopsis propinqua (R.Br.) E.Phillips (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 200–1200 m. WC

racemosa (L.) Druce
S. gracilis Salisb. ex Knight (2)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 120–600 m. WC

salsoloides (R.Br.) Rourke
Sorocephalus salsoloides R.Br. (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 1500–1800 m. WC

sericea R.Br. = **S. barbigera**

setacea (R.Br.) Rourke
Spatallopsis begleyi E.Phillips (2)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 900–1200 m. WC

squamata Meisn.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 30–460 m. WC

thyrsiflora Salisb. ex Knight
Sorocephalus spatalloides R.Br. (2)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 915–1500 m. WC

tulbaghensis (E.Phillips) Rourke
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–950 m. WC

wallichii E.Phillips = **S. incurva**

SPATALLOPSIS E.Phillips 2032010

begleyi E.Phillips = **Spatalla setacea**

caudata (Thunb.) E.Phillips = **Spatalla caudata**

caudiflora (Salisb. & Knight) E.Phillips = **Spatalla caudata**

confusa E.Phillips = **Spatalla confusa**

ericaefolia (Salisb. & Knight) E.Phillips = **Spatalla caudata**

propinqua (R.Br.) E.Phillips = **Spatalla propinqua**

VEXATORELLA Rourke 2036020

(1) Rourke. 1984. *Journal of South African Botany* 50: 373–391.

alpina (Salisb. ex Knight) Rourke
Leucospermum alpinum (Salisb. ex Knight) Rourke (1)
Leucospermum alpinum (Salisb. ex Knight) Rourke subsp. *alpinum* (1)
Leucospermum cartilagineum (R.Br.) E.Phillips (1)
Perennial. Shrub. Ht 2–3 m. Alt 1200–1500 m. WC

amoena (Rourke) Rourke
Leucospermum alpinum (Salisb. ex Knight) Rourke subsp. *amoenum* Rourke (2)
Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1500 m. WC

latebrosa Rourke
Perennial. Shrub. Ht 1–2 m. Alt 400–900 m. WC

obtusata (Thunb.) Rourke subsp. **albomontana** (Rourke) Rourke
Leucospermum obtusatum (Thunb.) E.Phillips subsp. *albomontanum* Rourke (1)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 1200–1450 m. WC

obtusata (Thunb.) Rourke subsp. **obtusata**
Leucospermum obtusatum (Thunb.) E.Phillips subsp. *obtusatum* (1)
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 300–1000 m. WC

RANUNCULACEAE

Compiled by H.F. Glen

ADONIS L. 2549000

aethiopica Thunb. = **Knowltonia filia** subsp. **filia**

capensis L. = **Knowltonia capensis**

ANEMONE L. 2541000

(1) Harvey. 1859. *Thesaurus capensis* 1: 5, t. 7.
(2) Killick. 1965. *The Flowering Plants of Africa* 37: t. 1441.
(3) Oliver. 1969. *The Flowering Plants of Africa* 40: t. 1569.
(4) Lavranos. 1976. *The Flowering Plants of Africa* 43: t. 1696.
(5) Killick. 1977. *Bothalia* 12: 258.

caffra (Eckl. & Zeyh.) Harv.
Pulsatilla caffra Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.15–0.45 m. Alt 450–2100 m. KZN, EC

capensis L. = **A. tenuifolia**

capensis (L.) Harv. var. *tenuifolia* Harv. = **A. tenuifolia**

capensis Lam. = **A. tenuifolia**

fanninii Harv. ex Mast.
Perennial. Herb. Ht 0.3–1 m. Alt 1150–2150 m. FS, KZN, L, EC

tenuifolia (L.f.) DC.
A. capensis L. (5)
A. capensis (L.) Harv. var. *tenuifolia* Harv. (5)
A. capensis Lam. (5)
Perennial. Herb. Ht 0.2–0.6 m. Alt 150–1850 m. WC

CLEMATIS L. 2542000

(1) Harvey & Sonder. 1860. *FC* 1: 1, 2.
(2) Henderson. 1955. *The Flowering Plants of Africa* 30: t. 1197.
(3) Exell & Milne-Redhead. 1960. *FZ* 1: 89–93.
(4) Merxmüller. 1968. *FSWA* 37: 1, 2.
(5) Brandenburg. 1989. *European garden flora* 3: 357–364.
(6) Johnson. 1997. *Släktet Klematis*: 1–470.
(7) Brummitt. 2000. *Kew Bulletin* 55: 97–108.

brachiata Thunb.
Perennial. Climber. Ht 0.5–6.1 m. Alt 0–2125 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

commutata Kuntze
Perennial. Climber. Ht up to 3 m. Alt 1000–1200 m. N

oweniae Harv.
Perennial. Climber. Ht 1.5–5 m. Alt 516–1720 m. N, B, LIM, NW, G, M, S, FS, NC, EC

stewartiae Burtt Davy
Perennial. Climber. Ht up to 3 m. Alt 1200–1600 m. M

thunbergii Steud. = **C. triloba**

triloba Thunb.
C. thunbergii Steud. (6)
Perennial. Climber. Ht 2–3 m. Alt 1000–1600 m. N, B, LIM, NW, G, M, EC

villosa DC. subsp. **villosa**
Clematopsis scabiosaefolia DC. (7)
Clematopsis scabiosifolia (DC.) Hutch. subsp. *stanleyi* (Hook.) Brummitt (7)
Clematopsis stanleyi (Hook.) Hutch. (7)
Clematopsis villosa Hutch. subsp. *stanleyi* (Hook.) Kuntze (7)
Perennial. Shrub, herb. Ht up to 1 m. Alt 400–2050 m. N, B, LIM, NW, G, M

CLEMATOPSIS Bojer ex Hutch. 2542010

scabiosaefolia DC. = **Clematis villosa** subsp. **villosa**

scabiosifolia (DC.) Hutch. subsp. *stanleyi* (Hook.) Brummitt = **Clematis villosa** subsp. **villosa**

stanleyi (Hook.) Hutch. = **Clematis villosa** subsp. **villosa**

villosa Hutch. subsp. *stanleyi* (Hook.) Kuntze = **Clematis villosa** subsp. **villosa**

KNOWLTONIA Salisb. 2541010

(1) Rasmussen. 1979. *Opera Botanica* 53: 1–44.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 379, 380.

anemonoides H.Rasm. subsp. **anemonoides**
K. gracilis (Vent.) DC. (1)
Perennial. Herb. Ht 0.4–0.9 m. Alt 275–1200 m. WC

anemonoides H.Rasm. subsp. **tenuis** H.Rasm.
Perennial. Herb. Ht 0.4–0.9 m. Alt 200–450 m. WC

bracteata Harv. ex J.Zahlbr.
K. rigida Salisb. var. *simplicifolia* Harv. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 350–1400 m. KZN, EC

brevistylis Szyszyl.
Perennial. Herb. Ht 0.5–1.25 m. Alt 230–1500 m. KZN, EC

canescens Szyszyl. = **K. transvaalensis** var. **transvaalensis**

capensis (L.) Huth
Adonis capensis L. (1)
K. hirsuta (Vent.) DC. (1)
K. rigida Sauvages, illegitimate name (1)
Perennial. Herb. Ht up to 0.3 m. Alt 0–550 m. WC

cordata H.Rasm.
Perennial. Herb. Ht up to 0.7 m. Alt 150–1200 m. WC, EC

daucifolia (Lam.) DC. = **K. filia** subsp. **filia**

filia (L.f.) T.Durand & Schinz subsp. **filia**
Adonis aethiopica Thunb. (1)
K. daucifolia (Lam.) DC. (1)
Perennial. Herb. Ht 0.5–1.4 m. Alt 120–900 m. WC, EC

filia (L.f.) T.Durand & Schinz subsp. **scaposa** H.Rasm.
Perennial. Herb. Ht 0.5–1.4 m. Alt 60–850 m. WC

gracilis (Vent.) DC. = **K. anemonoides** subsp. **anemonoides**

hirsuta (Vent.) DC. = **K. capensis**

multiflora Burtt Davy = **K. transvaalensis** var. **transvaalensis**

rigida Salisb. var. *simplicifolia* Harv. = **K. bracteata**

rigida Sauvages, illegitimate name = **K. capensis**

transvaalensis Szyszyl. var. **filifolia** H.Rasm.
Perennial. Herb. Ht 0.34–1.12 m. Alt 1700–1950 m. M

transvaalensis Szyszyl. var. **pottiana** (Burtt Davy) H.Rasm.
Perennial. Herb. Ht 0.34–1.12 m. Alt 1250–2050 m. M

transvaalensis Szyszyl. var. **transvaalensis**
K. canescens Szyszyl. (1)
K. multiflora Burtt Davy (1)
Perennial. Herb. Ht 0.3–1.1 m. Alt 450–2200 m. LIM, M, S, KZN

vesicatoria (L.f.) Sims subsp. **grossa** H.Rasm.
Perennial. Herb. Ht 0.6–1.2 m. Alt 0–275 m. WC

vesicatoria (L.f.) Sims subsp. **humilis** H.Rasm.
Perennial. Herb. Ht 0.1–0.4 m. Alt 0–250 m. WC, EC

vesicatoria (L.f.) Sims subsp. **vesicatoria**
Perennial. Herb. Ht 0.2–0.6 m. Alt 0–900 m. WC

*MYOSURUS L. 2543000

(1) Tutin. 1964. *Flora europaea* 1: 238.

minimus L.
Annual. Herb. Ht 0.02–0.1 m. Alt 1200–1600 m. NC, WC

RANUNCULUS L. 2546000

(1) Milne-Redhead & Turrill. 1952. *FTEA* Ranunculaceae: 13–19.
(2) Cook. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 47–237.
(3) Toelken. 1967. *The Flowering Plants of Africa* 38: t. 1508.
(4) Cook & R. Glen. Personal communication.

baurii MacOwan
R. cooperi Oliv. (4)
Perennial. Herb. Ht 0.05–0.7 m. Alt 1050–3400 m. M, S, FS, KZN, L, EC

capensis Thunb.
Perennial. Herb. Ht 0.05–0.15 m. Alt 0–200 m. WC

cooperi Oliv. = **R. baurii**

meyeri Harv.
Perennial. Helophyte. Ht 0.07–0.25 m. Alt 350–3500 m. NW, G, M, FS, KZN, L, WC, EC

multifidus Forssk.
R. pinnatus Poir. (1)
R. pubescens Thunb. (1)
Perennial. Herb. Ht 0.05–0.9 m. Alt 0–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

muricatus L.
Annual. Herb. Ht 0.1–0.5 m. Alt 0–350 m. WC

pinnatus Poir. = **R. multifidus**

***plebeius** R.Br. ex DC.
Perennial. Herb. Ht 0.08–0.8 m. Alt 0–50 m. EC

pubescens Thunb. = **R. multifidus**

rionii Lagger
R. trichophyllus of South African authors, not of Chaix (4)
Annual, occ. perennial. Hydrophyte. Spread up to 1.2 m. Alt 0–2750 m. B, NW, G, M, FS, L, NC, WC, EC

trichophyllus of South African authors, not of Chaix = **R. rionii**

THALICTRUM L. 2548000

(1) Harvey & Sonder. 1860. *FC* 1: 3.
(2) Exell & Milne-Redhead. 1961. *FZ* 1: 96, 97.

caffrum Eckl. & Zeyh. = **T. minus**

innitens B.Boivin = **T. rhynchocarpum**

minus L.
T. caffrum Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.15–1.5 m. Alt 600–2800 m. NW, G, FS, L, NC, EC

rhynchocarpum Quart.-Dill. & A.Rich.
T. innitens B.Boivin (2)
Perennial. Herb. Ht 0.6–2.5 m. Alt 850–2000 m. LIM, M, FS, KZN, EC

RESEDACEAE

Compiled by M.C. Makgakga

DIPETALIA Raf. 3126010

dregeana Kuntze = **Oligomeris dregeana**

spathulata (E.Mey. ex Turcz.) Kuntze = **Oligomeris dipetala** var. **spathulata**

HOLOPETALUM Turcz. 3126020

burchellii Müll.Arg. = **Oligomeris dipetala** var. **dipetala**

pumilum Turcz. = **Oligomeris dipetala** var. **dipetala**

spathulatum E.Mey. ex Turcz. = **Oligomeris dipetala** var. **spathulata**

OLIGOMERIS Cambess. 3126000

(1) Harvey & Sonder. 1860. *FC* 1: 64, 65.
(2) Roessler. 1966. *FSWA* 49: 1, 2.
(3) Leistner. 1970. *FSA* 13: 179–184.

burchellii (Müll.Arg.) Harv. = **O. dipetala** var. **dipetala**

capensis (Thunb.) Harv. var. *burchellii* (Müll.Arg.) Abdallah = **O. dipetala** var. **dipetala**

capensis (Thunb.) Harv. var. *capensis* (Thunb.) Perkins = **O. dipetala** var. **dipetala**

capensis (Thunb.) Harv. var. *pumila* (Harv.) Perkins = **O. dipetala** var. **dipetala**

capensis (Thunb.) Harv. var. *virgata* Harv. = **O. dipetala** var. **dipetala**

dipetala (Aiton) Turcz. var. *capensis* (Thunb.) Müll.Arg. = **O. dipetala** var. **dipetala**

dipetala (Aiton) Turcz. var. **dipetala**
Holopetalum burchellii Müll.Arg. (3)
Holopetalum pumilum Turcz. (3)
O. burchellii (Müll.Arg.) Harv. (3)
O. capensis (Thunb.) Harv. var. *burchellii* (Müll.Arg.) Abdallah (3)
O. capensis (Thunb.) Harv. var. *capensis* (Thunb.) Perkins (3)
O. capensis (Thunb.) Harv. var. *pumila* (Harv.) Perkins (3)
O. capensis (Thunb.) Harv. var. *virgata* Harv. (3)
O. dipetala (Aiton) Turcz. var. *capensis* (Thunb.) Müll.Arg. (3)
O. dipetala (Aiton) Turcz. var. *pumila* (Harv.) Müll.Arg. (3)
O. dipetala (Aiton) Turcz. var. *virgata* (Harv.) Müll.Arg. (3)
O. frutescens Dinter (3)
O. lycopodioides Schinz & Dinter (2)
O. upingtoniae Dinter (3)
Reseda capensis Thunb. (3)
Reseda dipetala Aiton (3)
Reseda microphylla C.Presl (1)
Resedella dipetala (Aiton) Webb & Berthel. (3)
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 460–1435 m. N, B, NW, FS, NC, WC

dipetala (Aiton) Turcz. var. *pumila* (Harv.) Müll.Arg. = **O. dipetala** var. **dipetala**

dipetala (Aiton) Turcz. var. **spathulata** (E.Mey. ex Turcz.) Abdallah
Dipetalia spathulata (E.Mey. ex Turcz.) Kuntze (3)
Holopetalum spathulatum E.Mey. ex Turcz. (3)
O. spathulata (E.Mey. ex Turcz.) Harv. (3)
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt ± 340 m. N

dipetala (Aiton) Turcz. var. *virgata* (Harv.) Müll.Arg. = **O. dipetala** var. **dipetala**

dregeana (Müll.Arg.) Müll.Arg.
Dipetalia dregeana Kuntze (3)
Reseda dregeana C.Presl (3)
Resedella dregeana Müll.Arg. (3)
Perennial. Dwarf shrub. Ht 0.1–0.27 m. Alt up to 1735 m. NW, G, FS, KZN, L, EC, WC

dregeana (Müll.Arg.) Müll.Arg. var. *sphaerocarpa* Abdallah = **O. linifolia**

frutescens Dinter = **O. dipetala** var. **dipetala**

glaucescens Cambess. = **O. linifolia**

linifolia (Vahl) J.F.Macbr.
O. dregeana (Müll.Arg.) Müll.Arg. var. *sphaerocarpa* Abdallah (3)
O. glaucescens Cambess. (3)
O. subulata Webb (3)
Reseda linifolia Vahl (3)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? N

lycopodioides Schinz & Dinter = **O. dipetala** var. **dipetala**

spathulata (E.Mey. ex Turcz.) Harv. = **O. dipetala** var. **spathulata**

subulata Webb = **O. linifolia**

upingtoniae Dinter = **O. dipetala** var. **dipetala**

RESEDA L. 3125000

(1) Harvey & Sonder. 1860. *FC*: 164, 165.
(2) Leistner. 1970. *FSA* 13: 178, 179.
(3) Abdallah & De Wit. 1978. *Mededelingen Landbouhogeschool Wageningen* 78: 235–248.

capensis Thunb. = **Oligomeris dipetala** var. **dipetala**

dipetala Aiton = **Oligomeris dipetala** var. **dipetala**

dregeana C.Presl = **Oligomeris dregeana**

linifolia Vahl = **Oligomeris linifolia**

lutea L. subsp. **lutea** var. **nutans** Boiss.
Annual, occ. perennial. Herb. Ht 0.25–1.8 m. Alt 10–2400 m. NW, FS, KZN, L, WC, EC

microphylla C.Presl = **Oligomeris dipetala** var. **dipetala**

RESEDELLA Webb & Berthel. 3126030

dipetala (Aiton) Webb & Berthel. = **Oligomeris dipetala** var. **dipetala**

dregeana Müll.Arg. = **Oligomeris dregeana**

RHAMNACEAE

Compiled by M. Jordaan & J.B.P. Beyers

BERCHEMIA Neck. ex DC. 4868000

(1) Drummond. 1966. *FZ* 2: 424–427.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 31–34.

discolor (Klotzsch) Hemsl.
Phyllogeiton discolor (Klotzsch) Herzog (1)
Perennial. Tree. Ht 3–20 m. Alt 30–1465 m. N, B, LIM, M

zeyheri (Sond.) Grubov
Phyllogeiton zeyheri (Sond.) Suess. (1)
Rhamnus zeyheri Sond. (1)
Perennial. Tree. Ht 6–13 m. Alt 60–1980 m. B, LIM, NW, G, M, S, KZN

COLUBRINA Rich. ex Brongn. 4882000

(1) Van Wyk & Schrire. 1986. *South African Journal of Botany* 52: 379–382.

nicholsonii A.E.van Wyk & Schrire
Perennial. Tree or scandent shrub. Ht 2–8 m. Alt 0–300 m. KZN, EC

HELINUS E.Mey. ex Endl. 4905000

(1) Drummond. 1966. *FZ* 2: 435–438.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 14–17.

integrifolius (Lam.) Kuntze
H. ovatus E.Mey. ex Sond. (1)
H. scandens (Eckl. & Zeyh.) A.Rich. (1)
Perennial. Climbing shrub. Ht 0.2–6 m. Alt 45–1980 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

ovatus E.Mey. ex Sond. = **H. integrifolius**

scandens (Eckl. & Zeyh.) A.Rich. = **H. integrifolius**

spartioides (Engl.) Schinz ex Engl.
Marlothia spartioides Engl. (1)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 410–1370 m. N, B, NW, NC

LASIODISCUS Hook.f. 4888000

(1) Drummond. 1966. *FZ* 2: 438, 439.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 5–9.
(3) Figueiredo. 1995. *Kew Bulletin* 50: 495–526.

mildbraedii in sense of R.B.Drumm., misapplied name = **L. pervillei** subsp. **pervillei**

pervillei Baill. subsp. **pervillei**
L. mildbraedii in sense of R.B.Drumm., misapplied name (3)
Perennial. Tree or shrub. Ht 2–8 m. Alt 0–300 m. KZN

MARLOTHIA Engl. 4907000

spartioides Engl. = **Helinus spartioides**

NOLTEA Rchb.f. 4880000

(1) Coates Palgrave. 1977. *Trees of southern Africa*: 556.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 599.

africana (L.) Rchb.f.
Perennial. Tree or shrub. Ht 1–4 m. Alt 45–1525 m. WC, EC

PHYLICA L. 4886000

(1) Pillans. 1942. *Journal of South African Botany* 8: 1–164.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 607.
(3) Richardson *et al.* 2001. *Nature* 412: 181–183.

abietina Eckl. & Zeyh.
Perennial. Dwarf shrub or shrub. Ht 0.5–1.5 m. Alt 265–1220 m. WC, EC

acmaephylla Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 0–1000 m. WC

aemula Schltr. var. **aemula**
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 960–1920 m. NC, WC

aemula Schltr. var. **multibracteolata** Pillans
Perennial. Shrub. Ht up to 1.2 m. Alt 215–610 m. WC

affinis Sond.
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 600–865 m. NC, WC

agathosmoides Pillans
Perennial. Dwarf shrub or shrub. Ht up to 1.5 m. Alt 760–820 m. NC, WC

alba Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC, EC

alpina Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 915 m. WC

alticola Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1755 m. WC

altigena Schltr.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 915–1600 m. WC

ambigua Sond.
Perennial. Shrub. Ht up to 1.5 m. Alt 700–1730 m. WC

amoena Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–300 m. WC

ampliata Pillans
Perennial. Shrub. Ht up to 1 m. Alt? WC

anomala Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

apiculata Sond.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

atrata Licht. ex Roem. & Schult.
Perennial. Dwarf shrub or shrub. Ht 0.3–1.2 m. Alt 40–700 m. WC

atrata Licht. ex Roem. & Schult. var. *litoralis* (Eckl. & Zeyh.) Sond. = **P. litoralis**

axillaris Lam. var. **axillaris**
Perennial. Dwarf shrub or shrub. Ht up to 2 m. Alt 10–1060 m. WC

axillaris Lam. var. **cooperi** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.25–1.2 m. Alt 170–1000 m. EC

axillaris Lam. var. **densifolia** Pillans

Perennial. Dwarf shrub. Ht up to 0.8 m. Alt? WC

axillaris Lam. var. **gracilis** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? EC

axillaris Lam. var. **hirsuta** Sond.
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt ± 480 m. EC

axillaris Lam. var. **lutescens** (Eckl. & Zeyh.) Pillans
Perennial. Dwarf shrub or shrub. Ht up to 1 m. Alt 30–1980 m. EC

axillaris Lam. var. **maritima** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 10–80 m. WC

axillaris Lam. var. **microphylla** (Eckl. & Zeyh.) Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 10–1165 m. WC, EC

axillaris Lam. var. **pulchra** Pillans
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt? WC, EC

barbata Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

barnardii Pillans
Perennial. Dwarf shrub or shrub. Ht 0.6–1.2 m. Alt 300–1675 m. WC

bolusii Pillans
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 565–1700 m. WC

brachycephala Sond.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

brevifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 330–600 m. WC

burchellii Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

buxifolia L.
Perennial. Dwarf shrub, shrub or tree. Ht up to 4 m. Alt 5–565 m. WC

calcarata Pillans
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 300–320 m. WC

callosa L.f.
Perennial. Dwarf shrub or shrub. Ht 0.45–1.2 m. Alt 15–915 m. WC

cephalantha Sond.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 10–305 m. WC

chionocephala Schltr.
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt ± 1585 m. WC

chionophila Schltr.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 2000–2135 m. WC

comosa Steud.
Perennial. Dwarf shrub or shrub. Ht up to 2.5 m. Alt 80–930 m. WC

comptonii Pillans
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1400–2000 m. WC

confusa Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 330–698 m. WC, EC

constricta Pillans var. **constricta**
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 1500–2330 m. WC

constricta Pillans var. **staavioides** Pillans
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt 300–600 m. WC

costata Pillans
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 1930–2200 m. WC

cryptandroides Sond.
Perennial. Shrub. Ht 0.5–3 m. Alt 155–1300 m. NC, WC

curvifolia Pillans
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 610–1260 m. WC

cuspidata Eckl. & Zeyh. var. **cuspidata**
Perennial. Shrub. Ht 0.6–1.8 m. Alt 50–1165 m. WC

cuspidata Eckl. & Zeyh. var. **minor** Pillans
Perennial. Shrub. Ht 0.5–1.4 m. Alt? WC

cylindrica J.C.Wendl.
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 245–1000 m. WC

debilis Eckl. & Zeyh. var. **debilis**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 275–1065 m. WC

debilis Eckl. & Zeyh. var. **fourcadei** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 800–1500 m. EC

diffusa Pillans var. **burchellii** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

diffusa Pillans var. **diffusa**
Perennial. Dwarf shrub or shrub. Ht up to 1.2 m. Alt 1165–1675 m. WC

dioica L.
Perennial. Dwarf shrub or shrub. Ht 0.4–1 m. Alt 265–1000 m. WC

diosmoides Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–400 m. WC

disticha Eckl. & Zeyh. var. **cuneata** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

disticha Eckl. & Zeyh. var. **disticha**
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 5–1665 m. WC

dodii N.E.Br.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 20–265 m. WC

elimensis Pillans
Perennial. Shrub. Ht 0.6–1 m. Alt 155–185 m. WC

ericoides L. var. **ericoides**
Perennial. Dwarf shrub or shrub. Ht up to 1 m. Alt 5–1770 m. WC, EC

ericoides L. var. **montana** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–165 m. WC

ericoides L. var. **muirii** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 245–580 m. WC

ericoides L. var. **pauciflora** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

ericoides L. var. **zeyheri** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 300–330 m. WC

excelsa J.C.Wendl. var. **excelsa**
Perennial. Shrub. Ht 0.5–2 m. Alt 245–1330 m. WC

excelsa J.C.Wendl. var. **papillosa** (J.C.Wendl.) Sond.
Perennial. Shrub. Ht 0.6–3 m. Alt 290–900 m. WC

floccosa Pillans
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ± 1675 m. WC

floribunda Pillans
Perennial. Dwarf shrub. Ht up to 0.7 m. Alt 0–300 m. WC

fourcadei Pillans
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 670–1165 m. WC, EC

fruticosa Schltr.
Perennial. Shrub. Ht up to 1.5 m. Alt 830–1170 m. WC

galpinii Pillans
Perennial. Dwarf shrub. Ht 0.45–0.7 m. Alt ± 1950 m. EC

glabrata Thunb.
Perennial. Dwarf shrub. Ht? Alt? WC

gnidioides Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1 m. Alt 15–1160 m. WC, EC

gracilis (Eckl. & Zeyh.) D.Dietr.
Perennial. Dwarf shrub. Ht 0.4–0.75 m. Alt 90–915 m. WC

greyii Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–50 m. WC

guthriei Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

harveyi (Arn.) Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 30–155 m. WC

hirta Pillans
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 300–360 m. WC

humilis Sond.
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 10–765 m. WC

imberbis P.J.Bergius var. **eriophoros** (P.J.Bergius) Pillans
Perennial. Dwarf shrub or shrub. Ht 0.28–2 m. Alt 15–1140 m. NC, WC

imberbis P.J.Bergius var. **imberbis**
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 10–1370 m. WC

imberbis P.J.Bergius var. **secunda** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.2–1.2 m. Alt 65–1100 m. WC

incurvata Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–100 m. WC

insignis Pillans
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt ± 1370 m. WC

intrusa Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1980 m. WC

karroica Pillans
Perennial. Dwarf shrub or shrub. Ht 0.25–0.9 m. Alt 100–1065 m. WC

keetii Pillans var. **keetii**
Perennial. Dwarf shrub or shrub. Ht 0.4–1.2 m. Alt 830–1525 m. WC, EC

keetii Pillans var. **mollis** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? EC

lachneaeoides Pillans
Perennial. Dwarf shrub or shrub. Ht 0.5–2 m. Alt 400–1500 m. WC, EC

laevifolia Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

laevigata Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

laevis (Eckl. & Zeyh.) Steud.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 700–1000 m. WC

lanata Pillans
Perennial. Dwarf shrub or shrub. Ht 0.5–2 m. Alt 370–1665 m. WC

lasiantha Pillans
Perennial. Shrub. Ht 0.5–1 m. Alt ± 600 m. WC

lasiocarpa Sond.
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 10–1200 m. WC

leipoldtii Pillans
Biennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 870–1500 m. WC

levynsiae Pillans
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 670–1500 m. WC

linifolia Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 800 m. WC

litoralis (Eckl. & Zeyh.) D.Dietr.
P. atrata Licht. ex Roem. & Schult. var. *litoralis* (Eckl. & Zeyh.) Sond. (1)
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 10–60 m. WC, EC

longimontana Pillans
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC

lucens Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

lucida Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 0–300 m. WC

mairei Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 730–1130 m. WC

marlothii Pillans var. **crassa** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

marlothii Pillans var. **levynsiae** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

marlothii Pillans var. **marlothii**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 500–2080 m. WC

maximiliani Schltr.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1000 m. WC

meyeri Sond.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1790–1820 m. WC

minutiflora Sond.
Perennial. Shrub. Ht 0.6–1.8 m. Alt 750–1660 m. WC

montana Sond.
Perennial. Shrub. Ht 1.2–2.5 m. Alt ± 1430 m. NC

mundii Pillans
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 600–1665 m. WC

natalensis Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 100–1900 m. KZN

nervosa Pillans
Perennial. Shrub. Ht 0.6–1.8 m. Alt 400–1435 m. WC

nigrita Sond.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 5–300 m. WC

nigromontana Pillans
Perennial. Dwarf shrub. Ht up to 0.7 m. Alt 1330–1665 m. WC

nodosa Pillans
Perennial. Shrub. Ht up to 1.2 m. Alt 1460–1500 m. WC

obtusifolia Pillans
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt ± 570 m. WC

odorata Schltr.
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 300–1665 m. WC

oleaefolia Vent.
Perennial. Shrub. Ht up to 2 m. Alt 100–1300 m. NC, WC

paniculata Willd.
Perennial. Tree or shrub. Ht 0.5–6 m. Alt 100–2190 m. LIM, NW, G, M, S, KZN, WC, EC

parviflora P.J.Bergius
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 5–1525 m. WC

parvula Pillans
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 15–80 m. WC

pauciflora Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

pearsonii Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? NC

pinea Thunb.
Perennial. Shrub. Ht 0.4–1 m. Alt 20–2000 m. WC, EC

piquetbergensis Pillans
Perennial. Dwarf shrub. Ht 0.6–0.8 m. Alt 120–800 m. WC

plumigera Pillans
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 1065–1665 m. WC

plumosa L. var. **horizontalis** (Vent.) Sond.
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 20–300 m. WC

plumosa L. var. **plumosa**
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 10–700 m. WC

plumosa L. var. **squarrosa** (Vent.) Sond.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–700 m. WC

propinqua Sond.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 100–1190 m. WC

pubescens Aiton var. **angustifolia** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 395–800 m. WC

pubescens Aiton var. **orientalis** Pillans
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 45–800 m. WC

pubescens Aiton var. **pubescens**
Perennial. Shrub. Ht up to 1.5 m. Alt 50–550 m. WC

pulchella Schltr.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.6 m. Alt 720–1130 m. NC, WC

purpurea Sond. var. **floccosa** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 200–1220 m. WC, EC

purpurea Sond. var. **pearsonii** Pillans
Perennial. Shrub. Ht up to 1.5 m. Alt 265–1530 m. WC

purpurea Sond. var. **purpurea**
Perennial. Shrub or tree. Ht up to 3 m. Alt 15–1640 m. WC

pustulata E.Phillips
Perennial. Shrub. Ht 0.9–1.5 m. Alt 300–640 m. NC, WC

recurvifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

retorta Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

retrorsa E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1370–1650 m. NC

reversa Pillans
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC

rigida Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1 m. Alt 1165–1600 m. WC

rigidifolia Sond.
Perennial. Shrub. Ht up to 2 m. Alt 120–1280 m. NC, WC

rogersii Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 60–1165 m. WC

rubra Willd. ex Roem. & Schult.

Perennial. Shrub. Ht up to 2.5 m. Alt 25–1620 m. WC

salteri Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

schlechteri Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 0–300 m. WC

selaginoides Sond.
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 10–1220 m. WC

sericea Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1100 m. WC

simii Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? EC

spicata L.f. var. **piquetbergensis** Pillans
Perennial. Shrub. Ht up to 2 m. Alt? WC

spicata L.f. var. **spicata**
Perennial. Shrub. Ht up to 2 m. Alt 200–790 m. WC

stenantha Pillans
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 0–380 m. WC

stenopetala Schltr. var. **sieberi** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

stenopetala Schltr. var. **stenopetala**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–135 m. WC

stipularis L. = **Trichocephalus stipularis**

stokoei Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 2100–2330 m. WC

strigosa P.J.Bergius var. **australis** Pillans
Perennial. Shrub. Ht up to 1 m. Alt? WC

strigosa P.J.Bergius var. **dregei** Pillans
Perennial. Shrub. Ht up to 1 m. Alt? WC

strigosa P.J.Bergius var. **elongata** Pillans
Perennial. Shrub. Ht up to 1.5 m. Alt? WC

strigosa P.J.Bergius var. **macowanii** Pillans
Perennial. Shrub. Ht up to 1 m. Alt ± 915 m. WC

strigosa P.J.Bergius var. **strigosa**
Perennial. Shrub. Ht up to 1.2 m. Alt 10–730 m. WC

strigulosa Sond.
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 30–760 m. WC

subulifolia Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1230–1920 m. WC

thodei E.Phillips
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 1800–2400 m. FS, KZN, L

thunbergiana Sond.
Perennial. Dwarf shrub. Ht 0.15–0.75 m. Alt 110–500 m. WC

tortuosa E.Mey. ex Harv. & Sond.
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 765–1200 m. WC

trachyphylla (Eckl. & Zeyh.) D.Dietr.
Perennial. Shrub. Ht up to 1 m. Alt 900–1000 m. WC

tuberculata Pillans
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 1670 m. WC

tubulosa Schltr.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

tysonii Pillans var. **brevifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1830 m. EC

tysonii Pillans var. **tysonii**
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? EC

variabilis Pillans
Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt ± 1800 m. WC

velutina Sond.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 50–900 m. WC

villosa Thunb. var. **pedicellata** (DC.) Sond.
Perennial. Shrub. Ht up to 1 m. Alt 340–1065 m. WC

villosa Thunb. var. **villosa**
Perennial. Shrub. Ht up to 1.5 m. Alt 90–1165 m. WC

virgata (Eckl. & Zeyh.) D.Dietr.
Perennial. Shrub. Ht 0.6–0.75 m. Alt 75–915 m. WC

vulgaris Pillans var. **burchellii** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

vulgaris Pillans var. **major** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 840–1500 m. WC

vulgaris Pillans var. **vulgaris**
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–1665 m. WC

willdenowiana Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1 m. Alt 10–1165 m. WC, EC

wittebergensis Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 765–1320 m. WC

PHYLLOGEITON Weberb. 4868010

discolor (Klotzsch) Herzog = **Berchemia discolor**

zeyheri (Sond.) Suess. = **Berchemia zeyheri**

RHAMNUS L. 4875000

(1) Polhill. 1964. *Kew Bulletin* 19: 145.
(2) Drummond. 1966. *FZ* 2: 427, 428.
(3) Johnston. 1972. *FTEA* Rhamnaceae: 17–20.
(4) Retief. 1991. *The Flowering Plants of Africa* 51: t. 2030.

prinoides L'Hér.
Celtis rhamnifolia C.Presl, illegitimate name (1)
Perennial. Tree or shrub. Ht 1–8 m. Alt 5–2225 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

tetragona L.f. = **Lauridia tetragona**

zeyheri Sond. = **Berchemia zeyheri**

SCUTIA (Comm. ex DC.) Brongn. 4874000

(1) Drummond. 1966. *FZ* 2: 428–430.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 21–23.

commersonii Brongn. = **S. myrtina**

myrtina (Burm.f.) Kurz
S. commersonii Brongn. (1)
Perennial. Tree or scandent shrub. Ht 1–8 m. Alt 5–1830 m. LIM, M, S, KZN, WC, EC

TRICHOCEPHALUS Brongn. 4886010

(1) Goldblatt & Manning. 2000. *Strelitzia* 9: 607.
(2) Richardson *et al.* 2001. *Nature* 412: 181–183.

stipularis (L.) Brongn.
Phylica stipularis L. (1)
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 5–1330 m. WC

ZIZIPHUS Mill. 4861000

(1) Drummond. 1966. *FZ* 2: 419–424.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 23–31.
(3) Killick. 1977. *The Flowering Plants of Africa* 44: t. 1739.

abyssinica in sense of O.B.Mill., not of A.Rich., misapplied name = **Z. mucronata** subsp. **rhodesica**

helvola Sond. = **Z. zeyheriana**

mucronata Willd. subsp. **mucronata**
Perennial. Tree or shrub. Ht 1–20 m. Alt 15–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

mucronata Willd. subsp. **rhodesica** R.B.Drumm.
Z. abyssinica in sense of O.B.Mill., not of A.Rich., misapplied name (1)
Perennial. Tree or shrub. Ht 1–12 m. Alt? N, B

rivularis Codd
Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1100 m. LIM, M, S, KZN

***spina-christi** (L.) Desf. var. **spina-christi**
Perennial. Tree. Ht 2–8 m. Alt 5–300 m. KZN

zeyheriana Sond.
Z. helvola Sond. (1)
Perennial. Dwarf shrub. Ht 0.15–1.2 m. Alt 410–1830 m. B, LIM, NW, G, M, FS

RHIZOPHORACEAE

Compiled by C.L. Bredenkamp

BRUGUIERA Lam. 5526000

(1) Torre & Gonçalves. 1978. *FZ* 4: 87–89.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 166.

gymnorrhiza (L.) Lam.
Perennial. Tree, shrub. Ht 7–15 m. Alt 1–5 m. KZN, EC

CASSIPOUREA Aubl. 5529000

(1) Alston. 1925. *Kew Bulletin* 1925: 241–276.
(2) Compton. 1967. *Journal of South African Botany* 33: 296, 297.
(3) Torre & Gonçalves. 1978. *FZ* 4: 89–96.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 166, 167.

congoensis in sense of Alston = **C. malosana**

flanaganii (Schinz) Alston
Perennial. Tree, shrub. Ht 1–10.66 m. Alt 90–1220 m. M, KZN, EC

gerrardii (Schinz) Alston = **C. malosana**

gummiflua Tul. var. **verticillata** (N.E.Br.) J.Lewis
Perennial. Tree. Ht 3–25 m. Alt 46–2032 m. S, KZN, EC

malosana (Bak.) Alston
C. congoensis in sense of Alston (3)
C. gerrardii (Schinz) Alston (3)
Perennial. Tree or shrub. Ht up to 5 m. Alt 600–1700 m. LIM, M, S, KZN, EC

mossambicensis (Brehmer) Alston
Perennial. Shrub. Ht 2–5.48 m. Alt 60–535 m. S, KZN

swaziensis Compton
Perennial. Tree, shrub. Ht 1.82–4 m. Alt up to 1220 m. S, KZN

CERIOPS Arn. 5522000

(1) Torre & Gonçalves. 1978. *FZ* 4: 84, 85.

tagal (Perr.) C.B.Rob.
Perennial. Tree, shrub. 1.2–3 m. Alt ± 1 m. KZN

RHIZOPHORA L. 5523000

(1) Torre & Gonçalves. 1978. *FZ* 4: 82–84.

mucronata Lam.
Perennial. Tree, shrub. Ht 10–18 m. Alt ± 5 m. KZN, EC

RHYNCHOCALYCACEAE

Compiled by C.L. Bredenkamp

RHYNCHOCALYX Oliv. 5495000

(1) Strey & Leistner. 1968. *Journal of South African Botany* 34: 9–13.
(2) Tobe & Raven. 1984. *Annals of the Missouri Botanical Garden* 71: 836–843.

lawsonioides Oliv.
Perennial. Tree. Ht 3.04–10 m. Alt 300–600 m. KZN, EC

RORIDULACEAE

Compiled by T. Nkonki

IREON Burm.f. 3138010

verticillata Burm. = **Roridula dentata**

RORIDULA L. 3138000

(1) Sonder. 1860. *FC* 1: 79.
(2) Obermeyer. 1970. *FSA* 13: 201, 202.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 385, 386.

brachysepala Gand. = **R. dentata**

crinita Gand. = **R. gorgonias**

dentata in sense of Eckl. & Zeyh., misapplied name = **R. gorgonias**

dentata L.
Drosera roridula Thunb. (2)
Ireon verticillata Burm. (2)
R. brachysepala Gand. (2)
R. muscicapa Gaertn. (2)
R. verticillata Pers. (2)
Perennial. Shrub, carnivore. Ht 0.6–2 m. Alt 90–1525 m. NC, WC

gorgonias Planch.
R. crinita Gand. (2)
R. dentata in sense of Eckl. & Zeyh., misapplied name (1)
Perennial. Dwarf shrub, carnivore. Ht 0.1–0.6 m. Alt 155–915 m. WC

muscicapa Gaertn. = **R. dentata**

verticillata Pers. = **R. dentata**

ROSACEAE

Compiled by T. Nkonki & H.F. Glen

ACAENA L. 3386000

(1) Harvey. 1862. *FC* 2: 290, 291.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 386.

latebrosa Aiton
Agrimonia decumbens L.f. (1)
Ancistrum decumbens Thunb. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 702–1830 m. NC, WC

AGRIMONIA L. 3376000

(1) Miller. 1768. *The gardener's dictionary*, edn 8, 3: 1.
(2) Harvey. 1862. *FC* 2: 290.
(3) Mendes. 1978. *FZ* 4: 27–29.
(4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 386.
(5) Jordaan. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 348, 349.

bracteata E.Mey. ex C.A.Mey.
A. eupatoria L. (3)
A. nepalensis Don (5)
Perennial. Herb. Ht 0.6–2 m. Alt 1200–1900 m. M, S, FS, KZN, EC

decumbens L.f. = **Acaena latebrosa**

eupatoria L. = **A. bracteata**

nepalensis Don = **A. bracteata**

odorata Mill. = **A. procera**

procera Wallr.
A. odorata Mill. (4)
Perennial. Herb. Ht 0.3–1.5 m. Alt 155–2134 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

ALCHEMILLA L. 3375000

(1) Harvey. 1862. *FC* 2: 291, 292.
(2) Hauman & Balle. 1936. *Memoirs de l'Académie Royal de Belgique. Classe des Sciences Collection* Ser. II, Vol.16, Fasc. 3, 20: 20, 21.
(3) Rothmaler. 1937. *Feddes Repertorium* 42: 164–167.
(4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 183.
(5) Mendes. 1978. *FZ* 4: 29–33.
(6) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 370, 371.

bakeri De Wild.
Perennial. Herb. Ht? Alt up to 1617 m. KZN, EC

bicarpellata Rothm.
Perennial. Herb. Ht? Alt up to 641 m. EC

bolusii De Wild.
Perennial. Herb. Ht? Alt up to 1525 m. KZN, EC

capensis Thunb.
Perennial. Herb. Ht? Alt 610–1900 m. KZN, WC, EC

colura Hilliard
Perennial. Herb. Ht? Alt 1800–2900 m. KZN, EC

cryptantha Steud. ex A.Rich.
A. inyangensis Weim. (5)
Perennial. Herb. Ht? Alt 1400–1730 m. LIM, M

elongata Eckl. & Zeyh. var. **elongata**
A. palmata E.Mey. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 350–1891 m. LIM, M, S, FS, KZN, EC

elongata Eckl. & Zeyh. var. **platyloba** Rothm.
Perennial. Herb. Ht? Alt? KZN

galpinii Hauman & Balle
Perennial. Herb. Ht? Alt 2600–2900 m. EC

gerrardii De Wild. = **A. incurvata**

hirsuto-petiolata (De Wild.) Rothm.
Perennial. Herb. Ht up to 0.4 m. Alt 1739–2040 m. KZN, EC

incurvata Gand.
A. gerrardii De Wild. (4)
Perennial. Herb. Ht? Alt up to 1160 m. KZN

inyangensis Weim. = **A. cryptantha**

kiwuensis Engl.
Perennial. Herb. Ht? Alt 1220–1768 m. LIM, M, KZN, EC

natalensis Engl.
Perennial. Herb. Ht? Alt 945–3200 m. M, S, FS, KZN, L, EC

palmata E.Mey. = **A. elongata** var. **elongata**

quinqueloba Rothm.
Perennial. Herb. Ht? Alt 458–1037 m. EC

rehmannii Engl.
Perennial. Herb. Ht? Alt 1113–2135 m. LIM, M, KZN

schlechteriana Rothm.
Perennial. Herb. Ht? Alt 1342–1951 m. EC

wilmsii Engl. = **A. woodii**

woodii Kuntze
A. wilmsii Engl. (4)
Perennial. Herb. Ht 0.07–0.3 m. Alt 1556–2745 m. LIM, M, S, FS, KZN, L, EC

ANCISTRUM Forst. 3386010

decumbens Thunb. = **Acaena latebrosa**

CLIFFORTIA L. 3388000

(1) Harvey. 1862. *FC* 2: 292–304.
(2) Weimarck. 1934. *Monograph of the genus* Cliffortia: 3–227.
(3) Weimarck. 1946. *Botaniska Notiser* 80: 407–420.
(4) Weimarck. 1948. *Botaniska Notiser* 90: 167–203.
(5) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 444–450.
(6) Weimarck. 1953. *Botaniska Notiser* 106: 78–80.
(7) Weimarck. 1959. *Botaniska Notiser* 112: 73–79.
(8) Oliver & Fellingham. 1991. *Bothalia* 21: 60–62.
(9) Fellingham. 1994. *Bothalia* 24: 31–34.
(10) Oliver & Fellingham. 1994. *Bothalia* 24: 153–162.
(11) Fellingham. 1995. *Bothalia* 25: 104–107.

acockii Weim.
Perennial. Shrub. Ht up to 0.3 m. Alt up to 153 m. WC

aculeata Weim.
Perennial. Shrub. Ht 0.3–0.5 m. Alt 1403–1647 m. WC

aculeata Weim. × ?*C. graminea* L.f. = **C. graminea** var. **convoluta**

acutifolia Weim.
Perennial. Shrub. Ht 0.6–1 m. Alt 671–820 m. WC

aequatorialis R.E.Fr. & T.C.E.Fr. (non-*FSA*)

alata N.E.Br.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 305–549 m. WC

alnifolia Rchb. = **C. odorata**

amplexistipula Schltr.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 442–1464 m. NC, WC

apiculata Weim.
Perennial. Shrub. Ht 0.3–1 m. Alt 73–235 m. WC, EC

arachnoidea Lodd. = **C. ruscifolia** var. **ruscifolia**

arborea Marloth
Perennial. Shrub. Ht up to 4 m. Alt 1403–1676 m. NC, WC, EC

arcuata Weim.
Perennial. Shrub. Ht 0.5–1 m. Alt 155–1350 m. WC, EC

atrata Weim.
Perennial. Shrub. Ht 0.3–1.2 m. Alt 92–1678 m. WC, EC

baccans Harv.
Perennial. Shrub. Ht up to 0.6 m. Alt 1005–1150 m. WC

berberidifolia Lam. = **C. ferruginea**

brevifolia Weim.
Perennial. Shrub. Ht up to 0.4 m. Alt up to 76 m. WC

browniana Burtt Davy
Perennial. Shrub. Ht 0.3–1.5 m. Alt 1067–3355 m. KZN, L, EC

burchellii Stapf
C. leptophylla Eckl. & Zeyh. var. *longifolia* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 1.8–4 m. Alt 200–1098 m. WC, EC

burgersii E.G.H.Oliv. & Fellingham
Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–620 m. WC

carinata Weim.
Perennial. Shrub. Ht up to 0.3 m. Alt? WC

castanea Weim.
Perennial. Shrub. Ht 0.6–1.5 m. Alt 1525–1622 m. WC

cervicornu Weim.
Perennial. Shrub. Ht 0.8–1 m. Alt 915–1540 m. WC, EC

cinerea Thunb. = **Nenax cinerea**

complanata E.Mey.
C. propinqua Eckl. & Zeyh. var. *chamissonis* (Harv.) Weim. (4)
C. serpyllifolia Cham. & Schltdl. var. *chamissonis* Harv. in part (4)
C. serpyllifolia Cham. & Schltdl. var. *penninervis* Harv. in part (4)
Perennial. Dwarf shrub. Ht? Alt 610–1220 m. WC

concavifolia Eckl. & Zeyh. = **Aspalathus cytisoides**

concinna Weim.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt up to 1098 m. WC

conifera E.G.H.Oliv. & Fellingham
Perennial. Shrub. Ht up to 4 m. Alt up to 1300 m. WC

conoides Sparrm. = **C. strobilifera**

cordifolia E.Mey., not of Lam. = **C. virgata**

cordifolia Lam., not of E.Mey. = **C. ilicifolia** var. **cordifolia**

crassinervis Weim.
Perennial. Dwarf shrub. Ht up to 2 m. Alt 1220–2080 m. WC

crenata L.f.
Perennial. Shrub. Ht 0.9–2 m. Alt 488–1373 m. WC

crenulata Weim.
Perennial. Shrub. Ht up to 2 m. Alt? WC

cristata Weim.
Perennial. Shrub. Ht 0.3–1 m. Alt 610–920 m. NC, WC

cuneata Aiton
Perennial. Shrub. Ht 1–3 m. Alt 336–915 m. WC, EC

cuneata Aiton × **C. phillipsii** Weim.
C. cuneata Eckl. & Zeyh., not of Aiton (2)
Perennial. Shrub. Ht? Alt up to 300 m. WC

cuneata Eckl. & Zeyh., not of Aiton = **C. cuneata** × **C. phillipsii**

curvifolia Weim.
Perennial. Shrub. Ht? Alt? WC

cymbifolia Weim.

Perennial. Dwarf shrub. Ht? Alt up to 1100 m. WC

densa Weim.
Perennial. Shrub. Ht up to 3 m. Alt up to 1370 m. WC

dentata Eckl. & Zeyh., not of Willd. = **C. triloba**

dentata E.Mey., not of Willd. = **C. gracilis**

dentata Willd.
C. trifida Thunb. (2)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 275–1373 m. WC

discolor Weim.
Perennial. Shrub. Ht? Alt up to 1000 m. WC

dispar Weim.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 854–1525 m. WC

dodecandra Weim.
Perennial. Shrub. Ht 0.2–1 m. Alt 244–1007 m. WC

dregeana C.Presl var. **dregeana**
Perennial. Shrub. Ht 0.5–1.5 m. Alt 336–1525 m. WC

dregeana C.Presl var. **meyeriana** (C.Presl) Weim.
C. meyeriana C.Presl (2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 610 m. WC

drepanoides Eckl. & Zeyh.
C. falcata Spreng., not of L.f. (2)
Perennial. Shrub. Ht 0.2–1 m. Alt 427–1159 m. WC, EC

erectisepala Weim.
Perennial. Shrub. Ht 0.5–2 m. Alt 305–1373 m. WC, EC

ericifolia E.Mey., not of L.f. = **C. eriocephalina**

ericifolia L.f.
Perennial. Shrub. Ht 0.6–0.9 m. Alt? WC

ericifolia L.f. var. *acutistipula* Kuntze = **C. linearifolia**

eriocephalina Cham.
C. ericifolia E.Mey., not of L.f. (2)
C. phylicoides Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 854–2300 m. WC, EC

esterhuyseniae Weim.
Perennial. Shrub. Ht 1.2–2 m. Alt 1525–1678 m. WC

exilifolia Weim.
Perennial. Shrub. Ht up to 1.3 m. Alt 915–1620 m. WC

falcata L.f.
Perennial. Shrub. Ht 0.2–1 m. Alt 9–641 m. WC

falcata Spreng., not of L.f. = **C. drepanoides**

fasciculata Weim.
Perennial. Shrub. Ht? Alt up 1600 m. WC

ferruginea L.f.
C. berberidifolia Lam. (2)
C. ferruginea L.f. var. *flexuosa* (E.Mey.) Harv. (2)
C. ferruginea L.f. var. *latifolia* Eckl. & Zeyh. (2)
C. ferruginea L.f. var. *longifolia* Eckl. & Zeyh. (2)
C. ferruginea L.f. var. *villosa* Harv. (2)
C. flexuosa E.Mey. (2)
C. serrata Thunb. (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 30–1220 m. WC, EC

ferruginea L.f. var. *flexuosa* (E.Mey.) Harv. = **C. ferruginea**

ferruginea L.f. var. *latifolia* Eckl. & Zeyh. = **C. ferruginea**

ferruginea L.f. var. *longifolia* Eckl. & Zeyh. = **C. ferruginea**

ferruginea L.f. var. *villosa* Harv. = **C. ferruginea**

filicaulis E.Mey., not of Schltdl. = **C. tricuspidata**

filicaulis Schltdl. var. **filicaulis**
Perennial. Shrub. Ht 0.3–0.9 m. Alt 150–366 m. WC

filicaulis Schltdl. var. **octandra** (Cham.) Weim.
C. octandra Cham. (2)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 185–1586 m. KZN, WC, EC

filicauloides Weim.
Perennial. Dwarf shrub. Ht? Alt up to 1525 m. FS, KZN, L

filifolia L.f.
C. leptophylla Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.2–0.5 m. Alt 305–610 m. WC

filifolia L.f. var. *subsetacea* Eckl. & Zeyh. = **C. subsetacea**

flabellifolia Sond. = **Myrothamnus flabellifolius**

flexuosa E.Mey. = **C. ferruginea**

galpinii N.E.Br. in part = **C. paucistaminea**

galpinii N.E.Br. in part = **C. ramosissima**

geniculata Weim.
Perennial. Shrub. Ht? Alt? WC

glauca Weim.
Perennial. Shrub. Ht 0.6–1.5 m. Alt 92–1067 m. WC

glauca Weim. × **C. marginata** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt up to 914 m. WC

gracilis Harv.
C. dentata E.Mey., not of Willd. (2)
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 275–915 m. WC

graminea L.f. var. **convoluta** Weim.
C. aculeata Weim. × ?*C. graminea* L.f. (3)
Perennial. Shrub. Ht up to 2 m. Alt? WC

graminea L.f. var. **elegans** Weim.
Perennial. Shrub. Ht up to 2 m. Alt? WC

graminea L.f. var. **graminea**
Perennial. Shrub. Ht 0.3–2 m. Alt 214–854 m. WC, EC

grandifolia Eckl. & Zeyh. var. **denticulata** Weim.
Perennial. Shrub. Ht 0.3–3 m. Alt 397–1342 m. WC

grandifolia Eckl. & Zeyh. var. **grandifolia**
Perennial. Shrub. Ht 2–5 m. Alt 600–763 m. WC

grandifolia Eckl. & Zeyh. var. **recurvata** Weim.
Perennial. Shrub. Ht up to 3 m. Alt up to 1312 m. WC

hantamensis Diels
Perennial. Shrub. Ht up 0.5 m. Alt up to 1525 m. NC, WC

hermaphroditica Weim.
Perennial. Dwarf shrub. Ht? Alt? WC

heterophylla Weim.
Perennial. Shrub. Ht 1.8–3 m. Alt 30–305 m. WC

hexandra Weim.
Perennial. Shrub. Ht 0.6–2 m. Alt 458–1220 m. WC

hirsuta Eckl. & Zeyh.
C. odorata L.f. var. *hypoleuca* Harv. (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 50–976 m. WC

hirsuta Eckl. & Zeyh. × **C. odorata** L.f.
Perennial. Shrub. Ht? Alt up to 305 m. WC

hirta Burm.f.
C. sarmentosa L. (5)
Perennial. Shrub. Ht 0.3–0.6 m. Alt up to 61 m. WC

ilicifolia L. var. **cordifolia** (Lam.) Harv.
C. cordifolia Lam., not of E.Mey. (2)
Perennial. Shrub. Ht up to 2 m. Alt 1373–1525 m. WC, EC

ilicifolia L. var. **ilicifolia**
C. rubricaulis C.Presl (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 200–1678 m. WC, EC

ilicifolia L. var. **incisa** Harv.
Perennial. Shrub. Ht 0.3–2 m. Alt? WC

ilicifolia L. var. **reniformis** Weim.
Perennial. Shrub. Ht 1.2–3 m. Alt 366–610 m. WC

ilicifolia L. var. **schlechteri** Weim.
Perennial. Shrub. Ht up to 1 m. Alt 153–183 m. WC

incana Weim.
Perennial. Shrub. Ht up to 0.6 m. Alt 153–214 m. WC

integerrima Weim.
Perennial. Shrub. Ht? Alt up to 305 m. WC

integerrima Weim. × **C. ruscifolia** L.
Perennial. Shrub. Ht 0.8–1.5 m. Alt 274–305 m. WC

intermedia Eckl. & Zeyh.
Perennial. Shrub. Ht 0.6–0.8 m. Alt up to 763 m. WC, EC

juniperina L.f. var. *brevifolia* Harv. = **C. paucistaminea**

juniperina L.f. var. *foliis-brevioribus* Eckl. & Zeyh. = **C. paucistaminea**

juniperina L.f. var. **juniperina**
C. laricina E.Mey. in part (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 31–820 m. WC

juniperina L.f. var. *muricata* Harv. in part = **C. tuberculata** var. **muricata**

juniperina L.f. var. **pilosula** Weim.
Perennial. Shrub. Ht up to 1 m. Alt up to 1220 m. WC

juniperina L.f. var. *pterocarpa* Harv. = **C. pterocarpa**

juniperina L.f. var. *serrulata* Engl. = **C. repens**

juniperina L.f. var. *tuberculata* Harv. = **C. tuberculata** var. **tuberculata**

lanata Weim.
Perennial. Shrub. Ht up to 0.3 m. Alt up to 915 m. WC

lanceolata Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt 458–793 m. WC

laricina E.Mey. in part = **C. juniperina** var. **juniperina**

laricina E.Mey. in part = **C. tuberculata** var. **tuberculata**

laricina E.Mey. var. *brevior* Drège = **C. tuberculata** var. **muricata**

laricina E.Mey. var. *longifolia* Meisn. = **C. pterocarpa**

lepida Weim.
Perennial. Shrub. Ht up to 0.2 m. Alt 1068–1830 m. WC

leptophylla Eckl. & Zeyh. = **C. filifolia**

leptophylla Eckl. & Zeyh. var. *longifolia* Eckl. & Zeyh. = **C. burchellii**

linearifolia Eckl. & Zeyh.
C. ericifolia L.f. var. *acutistipula* Kuntze (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 610–2654 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

linearifolia Eckl. & Zeyh. var. *nitidula* Engl. in part = **C. nitidula** subsp. **nitidula**

longifolia (Eckl. & Zeyh.) Weim.
C. strobilifera L. var. *longifolia* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 1–3 m. Alt 5–61 m. WC

marginata Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 27–40 m. WC

meyeriana C.Presl = **C. dregeana** var. **meyeriana**

micrantha Weim.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 549–1250 m. WC

mirabilis Weim.
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 915–1220 m. WC

monophylla Weim.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 153–305 m. WC

montana Weim.
Perennial. Shrub. Ht 0.6–1.5 m. Alt 1281–1830 m. WC

multiformis Weim.
Perennial. Shrub. Ht? Alt 32–1983 m. WC

natalensis J.M.Wood = **C. repens**

neglecta Schltr.
Perennial. Shrub. Ht 0.2–1.2 m. Alt 567–2100 m. WC, EC

nitidula (Engl.) R.E.Fr. & T.C.E.Fr. subsp. **nitidula**
C. linearifolia Eckl. & Zeyh. var. *nitidula* Engl. in part (2)
C. tychonis Weim. (2)
Perennial. Shrub. Ht up to 3 m. Alt up to 1189 m. KZN, EC

nitidula (Engl.) R.E.Fr. & T.C.E.Fr. subsp. **pilosa** Weim.
Perennial. Shrub. Ht 0.3–5 m. Alt 152–2669 m. LIM, G, M, FS, KZN, L, WC, EC

nivenioides Fellingham
Perennial. Shrub. Ht up to 0.6 m. Alt up to 1739 m. WC

obcordata L.f.
C. obliqua Spreng. (2)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 6–305 m. Alt WC

obliqua Spreng. = **C. obcordata**

obovata E.Mey.
C. serpyllifolia Cham. & Schltdl. var. *obovata* Kuntze (2)
Monographidium obcordatum (L.f.) C.Presl (2)
Perennial. Shrub. Ht up to 0.6 m. Alt 259–915 m. WC

octandra Cham. = **C. filicaulis** var. **octandra**

odorata L.f.
C. alnifolia Rchb. (2)
C. odorata L.f. var. *vera* Harv. (2)
Perennial. Shrub. Ht 0.9–2 m. Alt 30–795 m. WC, EC

odorata L.f. var. *hypoleuca* Harv. = **C. hirsuta**

odorata L.f. var. *reticulata* Harv. = **C. reticulata**

odorata L.f. var. *vera* Harv. = **C. odorata**

odorata L.f. × **C. theodori-friesii** Weim.
Perennial. Shrub. Ht? Alt up to 1068 m. WC

ovalis Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt 1220–1373 m. WC

paucistaminea Weim.
C. galpinii N.E.Br. in part (2)
C. juniperina L.f. var. *brevifolia* Harv. (2)
C. juniperina L.f. var. *foliis-brevioribus* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.6–2 m. Alt 175–2044 m. G, FS, KZN, L, WC, EC

pedunculata Schltr.
Perennial. Shrub. Ht 0.3–0.8 m. Alt 92–1525 m. WC

phillipsii Weim.
Perennial. Shrub. Ht 1.8–3 m. Alt up to 397 m. WC

phylicoides Eckl. & Zeyh. = **C. eriocephalina**

phyllanthoides Schltr.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 92 m. WC

pilifera Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 366–915 m. WC

polita Weim.
Perennial. Shrub. Ht 0.2–0.6 m. Alt 549–1280 m. WC, EC

polycephala E.Mey. = **C. sericea**

polygonifolia L. var. **membranifolia** Weim.
Perennial. Shrub. Ht up to 1.5 m. Alt up to 1220 m. WC

polygonifolia L. var. **polygonifolia**
C. polygonifolia L. var. *ternata* (L.f.) Harv. (2)
C. ternata L.f. (2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 46–763 m. WC

polygonifolia L. var. **pubescens** Weim.
Perennial. Shrub. Ht up to 1.5 m. Alt 46–458 m. WC

polygonifolia L. var. *ternata* (L.f.) Harv. = **C. polygonifolia** var. **polygonifolia**

polygonifolia L. var. **trifoliata** (L.) Harv.
C. trifoliata L. (2)
Perennial. Shrub. Ht 0.6–1.8 m. Alt 55–1525 m. WC

polygonifolia L. × **C. sericea** Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1.5 m. Alt up to 610 m. WC

polyphylla Eckl. & Zeyh. = **C. serpyllifolia**

propinqua Eckl. & Zeyh.
C. serpyllifolia Cham. & Schltdl. var. *chamissonis* Harv. in part (2)
C. serpyllifolia Cham. & Schltdl. var. *foliis-latioribus* Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltdl. var. *penninervis* Harv. in part (2)
Perennial. Dwarf shrub. Ht 0.6–1.8 m. Alt 305–1220 m. WC

propinqua Eckl. & Zeyh. var. *chamissonis* (Harv.) Weim. = **C. complanata**

pterocarpa (Harv.) Weim.
C. juniperina L.f. var. *pterocarpa* Harv. (2)
C. laricina E.Mey. var. *longifolia* Meisn. (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 30–671 m. WC

pulchella L.f. var. **mucronulata** Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt up to 458 m. WC

pulchella L.f. var. **pulchella**
Perennial. Shrub. Ht 0.2–1.5 m. Alt 700–1159 m. WC

pungens C.Presl
C. teretifolia E.Mey., not of L.f. (2)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1300–1525 m. WC

ramosissima Schltr.
C. galpinii N.E.Br. in part (2)
Perennial. Shrub. Ht 0.4–1.8 m. Alt 46–2044 m. LIM, M, FS, L, WC, EC

repens Schltr.
C. juniperina L.f. var. *serrulata* Engl. (2)
C. natalensis J.M.Wood (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 305–2227 m. LIM, M, S, KZN, WC, EC

reticulata Eckl. & Zeyh.
C. odorata L.f. var. *reticulata* Harv. (2)
Perennial. Shrub. Ht? Alt? WC

rigida Weim.
Perennial. Shrub. Ht? Alt up to 610 m. WC

robusta Weim.
Perennial. Shrub. Ht 0.2–1.2 m. Alt 1900–2013 m. WC

rogersii Burtt Davy = **C. strobilifera**

rubricaulis C.Presl = **C. ilicifolia** var. **ilicifolia**

ruscifolia L. var. **purpurea** Weim.
Perennial. Shrub. Ht 0.5–1.2 m. Alt? WC

ruscifolia L. var. **ruscifolia**
C. arachnoidea Lodd. (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 6–1373 m. NC, WC, EC

ruscifolia L. var. *tridentata* (Willd.) Harv. = **C. ruscifolia** × **C. theodori-friesii**

ruscifolia L. × **C. theodori-friesii** Weim.
C. ruscifolia L. var. *tridentata* (Willd.) Harv. (2)
C. tridentata Willd. (2)
Perennial. Shrub. Ht? Alt 488–1068 m. WC

sarmentosa L. = **C. hirta**

semiteres Weim.
Perennial. Shrub. Ht up to 0.6 m. Alt up to 1600 m. WC

sericea Eckl. & Zeyh.
C. polycephala E.Mey. (2)
Perennial. Shrub. Ht up to 0.6 m. Alt 122–1403 m. WC

serpyllifolia Cham. & Schltdl.
C. polyphylla Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltdl. var. *angustifolia* Drège (2)
C. serpyllifolia Cham. & Schltdl. var. *foliis-angustioribus* Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltdl. var. *polyphylla* (Eckl. & Zeyh.) Harv. (2)
C. serpyllina Drège (2)
Perennial. Shrub. Ht 0.6–4 m. Alt 44–2000 m. LIM, M, S, FS, KZN, L, NC, WC, EC

serpyllifolia Cham. & Schltdl. var. *angustifolia* Drège = **C. serpyllifolia**

serpyllifolia Cham. & Schltdl. var. *chamissonis* Harv. in part = **C. complanata**

serpyllifolia Cham. & Schltdl. var. *chamissonis* Harv. in part = **C. propinqua**

serpyllifolia Cham. & Schltdl. var. *foliis-angustioribus* Eckl. & Zeyh. = **C. serpyllifolia**

serpyllifolia Cham. & Schltdl. var. *foliis-latioribus* Eckl. & Zeyh. = **C. propinqua**

serpyllifolia Cham. & Schltdl. var. *obovata* Kuntze = **C. obovata**

serpyllifolia Cham. & Schltdl. var. *penninervis* Harv. in part = **C. complanata**

serpyllifolia Cham. & Schltdl. var. *penninervis* Harv. in part = **C. propinqua**

serpyllifolia Cham. & Schltdl. var. *polyphylla* (Eckl. & Zeyh.) Harv. = **C. serpyllifolia**

serpyllina Drège = **C. serpyllifolia**

serrata Thunb. = **C. ferruginea**

setifolia Weim.
Perennial. Shrub. Ht 0.2–1.5 m. Alt 1800–2300 m. WC

spathulata Weim.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1830–2745 m. KZN

stricta Weim.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–1525 m. WC, EC

strigosa Weim.
Perennial. Shrub. Ht up to 1 m. Alt 915–1220 m. WC

strobilifera L.
C. conoides Sparrm. (2)
C. rogersii Burtt Davy (2)
Perennial. Shrub. Ht 1.5–15 m. Alt 6–1980 m. LIM, M, S, KZN, WC, EC

strobilifera L. var. *longifolia* Eckl. & Zeyh. = **C. longifolia**

subdura Weim.
Perennial. Shrub. Ht up to 1 m. Alt? WC

subsetacea (Eckl. & Zeyh.) Diels ex Bolus & Wolley-Dod
C. filifolia L.f. var. *subsetacea* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 70–1067 m. WC

tenuis Weim.
Perennial. Shrub. Ht 0.3–1 m. Alt 15–92 m. WC

teretifolia E.Mey., not of L.f. = **C. pungens**

teretifolia L.f.
C. teretifolia L.f. var. *alata* Compton (2)
C. teretifolia L.f. var. *tenuior* E.Mey. (2)
Perennial. Shrub. Ht 0.6–1.8 m. Alt 61–1068 m. NC, WC

teretifolia L.f. var. *alata* Compton = **C. teretifolia**

teretifolia L.f. var. *tenuior* E.Mey. = **C. teretifolia**

ternata L.f. = **C. polygonifolia** var. **polygonifolia**

theodori-friesii Weim. var. **puberula** Weim.
Perennial. Shrub. Ht up to 1 m. Alt up to 1300 m. WC

theodori-friesii Weim. var. **theodori-friesii**
Perennial. Shrub. Ht up to 1 m. Alt 610–915 m. WC

tricuspidata Harv.
C. filicaulis E.Mey., not of Schltdl. (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 610–1678 m. WC

tridentata Willd. = **C. ruscifolia** × **C. theodori-friesii**

trifida Thunb. = **C. dentata**

trifoliata L. = **C. polygonifolia** var. **trifoliata**

triloba Harv.
C. dentata Eckl. & Zeyh., not of Willd. (2)
Perennial. Shrub. Ht up to 0.3 m. Alt 765–1930 m. WC

tuberculata (Harv.) Weim. var. **muricata** (Harv.) Weim.
C. juniperina L.f. var. *muricata* Harv. in part (2)
C. laricina E.Mey. var. *brevior* Drège (2)
Perennial. Shrub. Ht up to 1 m. Alt? WC

tuberculata (Harv.) Weim. var. **tuberculata**
C. juniperina L.f. var. *tuberculata* Harv. (2)
C. laricina E.Mey. in part (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 458–2200 m. WC, EC

tychonis Weim. = **C. nitidula** subsp. **nitidula**

uncinata Weim. var. **recta** Weim.
Perennial. Shrub. Ht? Alt up to 500 m. WC

uncinata Weim. var. **uncinata**
Perennial. Shrub. Ht? Alt 793–1678 m. WC

varians Weim.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

verrucosa Weim.
Perennial. Dwarf shrub. Ht? Alt up to 1100 m. WC

virgata Weim.
C. cordifolia E.Mey., not of Lam. (2)
Perennial. Shrub. Ht? Alt 305–1068 m. WC

viridis Weim.
Perennial. Shrub. Ht? Alt up to 900 m. WC

*COTONEASTER Medik. 3333000

(1) Bailey & Bailey. 1977. *Hortus third*: 322–324.
(2) Fryer & Hylmö. 1995. *European garden flora* 4: 426–437.

franchetii Boiss.
Perennial. Shrub. Ht 1.5–6 m. Alt 1200–2000 m. M, FS

pannosus Franch.
Perennial. Shrub. Ht 2–3 m. Alt 1200–2150 m. G, FS, KZN, EC

pyracantha (L.) Spach = **Pyracantha coccinea**

*CRATAEGUS L. 3345010

(1) Bailey & Bailey. 1977. *Hortus third*: 329–332.
(2) Knees & Warwick. 1995. *European garden flora* 4: 439–446.

×**lavallei** Hérincq
Perennial. Tree, shrub. Ht 1.5–7 m. Alt 1550–1650 m. FS

monogyna Jacq.
Perennial. Tree, shrub. Ht 2–10 m. Alt 1200–1550 m. FS, EC

*CYDONIA Mill. 3336000

(1) Bailey & Bailey. 1977. *Hortus third*: 352.
(2) Nelson. 1995. *European garden flora* 4: 404.

oblonga Mill.
Perennial. Tree, shrub. Ht 1.5–6 m. Alt 1450–1550 m. FS

*DUCHESNEA Sm. 3355000

(1) Valentine. 1968. *Flora europaea*. 2: 48.
(2) Bailey & Bailey. 1977. *Hortus third*: 403.
(3) Green. 1995. *European garden flora* 4: 398, 399.

indica (Andrews) Focke
Fragaria indica Andrews (2)
Perennial. Herb, stoloniferous. Ht 0.05–0.2 m. Alt 550–2150 m. G, M, KZN, EC

*FRAGARIA L. 3354000

(1) Tutin. 1968. *Flora europaea* 2: 47, 48.
(2) Bailey & Bailey. 1977. *Hortus third*: 484.
(3) Leslie. 1995. *European garden flora* 4: 397, 398.

indica Andrews = **Duchesnea indica**

vesca L.
Perennial. Herb, stoloniferous. Ht 0.1–0.2 m. Alt 450–1600 m. LIM, M, WC, EC

GEUM L. 3365000

(1) Harvey. 1862. *FC* 2: 285–305.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 183.

capense Thunb.
Perennial. Herb. Ht 0.13–0.5 m. Alt 765–3290 m. M, FS, KZN, L, EC

LEUCOSIDEA Eckl. & Zeyh. 3379000

(1) Harvey. 1862. *FC* 2: 285–305.
(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1566.
(3) Pooley. 1993. *The complete field guide to the trees of Natal, Zululand and Transkei*: 116, 117.

sericea Eckl. & Zeyh.
Perennial. Shrub. Ht 2–7 m. Alt 900–2700 m. LIM, NW, G, M, FS, KZN, L, EC

MONOGRAPHIDIUM C.Presl 3388010

obcordatum (L.f.) C.Presl = **Cliffortia obovata**

PERSICA Mill. 3396010

vulgaris Mill. = **Prunus persica** var. **persica**

POTENTILLA L. 3356000

(1) Harvey. 1862. *FC* 2: 288, 289.
(2) Friedrich-Holzhammer. 1968. *FSWA* 55: 1.

gariepensis E.Mey. ex Harv. = **P. supina**

supina L.
P. gariepensis E.Mey. ex Harv. (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1160–1524 m. N, NW, G, FS, KZN, NC

POTERIUM L. 3382000

polygamum Waldst. & Kit. = **Sanguisorba minor** subsp. **muricata**

PRUNUS L. 3396000

(1) Steyermark. 1963. *Flora of Missouri*: 856–864.
(2) Kalkman. 1965. *Blumea* 13: 1–115.
(3) Webb. 1968. *Flora europaea* 2: 77–80.
(4) Bailey. 1977. *Hortus third*: 918–921.
(5) Alexander *et al.* 1995. *European garden flora* 4: 447–461.

africana (Hook.f.) Kalkman
Pygeum africanum Hook.f. (2)
Perennial. Tree. Ht 3–40 m. Alt 150–2400 m. LIM, NW, G, M, S, FS, KZN, L, EC

***persica** (L.) Batsch var. **persica**
Persica vulgaris Mill. (3)
Perennial. Tree. Ht 2–8 m. Alt 550–1750 m. M, FS, KZN

***serotina** Ehrh.
Perennial. Tree, shrub. Ht 1–35 m. Alt 1400–1550 m. G

PYGEUM Gaertn. 3393000

africanum Hook.f. = **Prunus africana**

*PYRACANTHA M.Roem. 3333010

(1) Ball. 1968. *Flora europaea* 2: 73.
(2) Bailey & Bailey. 1977. *Hortus third*: 930.
(3) Knees. 1995. *European garden flora* 4: 438, 439.

angustifolia (Franch.) C.K.Schneid.
Perennial. Shrub. Ht 1.5–3 m. Alt 1250–1700 m. G, FS, KZN, EC

coccinea M.Roem.
Cotoneaster pyracantha (L.) Spach (1)
P. pauciflora André (2)
Perennial. Shrub. Ht 1–2 m. Alt 1400–1550 m. G, FS

crenulata (D.Don) M.Roem.
Perennial. Shrub. Ht 1–3 m. Alt 1350–1850 m. LIM, FS

pauciflora André = **P. coccinea**

*PYRUS L. 3338000

(1) Bailey & Bailey. 1977. *Hortus third*: 931, 932.
(2) Knees. 1995. *European garden flora* 4: 406–408.

communis L.
Perennial. Tree. Ht 5–20 m. Alt 250–350 m. WC

*ROSA L. 3389000

(1) Klásterský. 1968. *Flora europaea* 2: 25–33.
(2) Bailey & Bailey. 1977. *Hortus third*: 974–978.
(3) Matthews. 1995. *European garden flora* 4: 358–378.
(4) Turland. 1996. *Taxon* 45: 565, 566.

eglanteria L., rejected name = **R. rubiginosa**

gigantea Collett ex Crép. = **R. ×odorata**

×odorata Sweet
R. gigantea Collett ex Crép. (2)
Perennial. Scrambler. Ht 1–1.5 m. Alt 600–1950 m. KZN, EC

rubiginosa L.
R. eglanteria L., rejected name (4)
Perennial. Shrub, scrambler. Ht 1–3 m. Alt 850–2000 m. NW, M, FS, KZN, L, WC, EC

RUBUS L. 3353000

(1) Harvey. 1862. *FC* 2: 286–288.
(2) Suessenguth. 1950. *Mitteilungen der Botanischen Staatssammlung München* 2: 54.
(3) Steyermark. 1963. *Flora of Missouri*: 834–843.
(4) Heslop-Harrison. 1968. *Flora europaea*. 2: 7–32.
(5) Bailey & Bailey. 1977. *Hortus third*: 984–986.
(6) Stirton. 1981. *Bothalia* 13: 333–337.
(7) Stirton. 1984. *Bothalia* 15: 101–106.
(8) Spies & Du Plessis. 1985. *Bothalia* 15: 591–596.
(9) Spies *et al.* 1987. *Bothalia* 17: 105–109.

***affinis** Wight & Arn. (insufficiently known) (3)

albescens Roxb. = **R. niveus**

apetalus Poir. var. **apetalus**
Perennial. Shrub, scrambler. Ht 0.5–2 m. Alt 3–1730 m. B, LIM, NW, M, S, KZN, WC, EC

baileyanus Britton = **R. flagellaris**

bergii Eckl. & Zeyh. = **R. fruticosus**

***cuneifolius** Pursh
Perennial. Shrub. Ht 0.5–4 m. Alt 20–1800 m. LIM, G, M, FS, KZN, WC, EC

discolor E.Mey. = **R. rigidus**

flagellaris Willd.
R. baileyanus Britton (3)
R. flagellaris Willd. var. *occidualis* Bailey (3)
R. flagellaris Willd. var. *rosea-plenus* E.J.Palmer & Steyerm. (3)
Perennial. Shrub. Ht? Alt? M

flagellaris Willd. var. *occidualis* Bailey = **R. flagellaris**

flagellaris Willd. var. *rosea-plenus* E.J.Palmer & Steyerm. = **R. flagellaris**

fruticosus Eckl. & Zeyh. = **R. fruticosus**

fruticosus L.
R. bergii Eckl. & Zeyh. (1)
R. fruticosus Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.6–2 m. Alt 15–1850 m. LIM, S, FS, KZN, WC, EC

immixtus Gust.
Perennial. Shrub. Ht 0.7–2 m. Alt 800–1799 m. M, S, KZN, EC

intercurrens Gust.
Perennial. Shrub. Ht? Alt? EC

longepedicellatus (Gust.) C.H.Stirt.
R. rigidus Sm. var. *longepedicellatus* Gust. (7)
Perennial. Shrub, scrambler. Ht 1–4 m. Alt 915–1800 m. LIM, M, KZN

ludwigii Eckl. & Zeyh. subsp. **ludwigii**
R. rhodacantha E.Mey. (7)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 200–2440 m. LIM, M, S, FS, KZN, NC, WC, EC

ludwigii Eckl. & Zeyh. subsp. **spatiosus** C.H.Stirt.
Perennial. Shrub. Ht 0.5–1 m. Alt 1150–2200 m. M, KZN

mundtii Cham. & Schltdl. = **R. rigidus**

***niveus** Thunb.
R. albescens Roxb. (4)
Perennial. Shrub. Ht 0.7–2 m. Alt 1150–1524 m. LIM, M, S, EC

pappei Eckl. & Zeyh. = **R. pinnatus**

pascuus Bailey
Perennial. Shrub. Ht 0.6–2.5 m. Alt 1000–1555 m. LIM, G, M, S

***phoenicolacius** Maxim.
Perennial. Shrub. Ht up to 0.5 m. Alt 1113–1200 m. KZN, EC

pinnatus Willd.
R. pappei Eckl. & Zeyh. (1)
Perennial. Shrub, scrambler. Ht 1.5–6 m. Alt 5–1950 m. LIM, M, S, KZN, L, WC, EC

rhodacantha E.Mey. = **R. ludwigii** subsp. **ludwigii**

×**proteus** C.H.Stirt.
Perennial. Shrub. Ht 0.6–2 m. Alt 1000–3355 m. LIM, G, M, S, KZN, WC

rigidus Sm.
R. discolor E.Mey. (1)
R. mundtii Cham. & Schltdl. (1)
Perennial. Shrub. Ht 0.5–3.5 m. Alt 1–2200 m. N, B, LIM, NW, G, M, FS, KZN, L, WC, EC

rigidus Sm. var. *longepedicellatus* Gust. = **R. longepedicellatus**

rigidus Sm. × **R. cuneifolius** Pursh
Perennial. Shrub. Ht? Alt? KZN

***rosifolius** Sm.
Perennial. Shrub. Ht up to 1.5 m. Alt 91–823 m. NW, M, S, KZN, WC

transvaaliensis Gust. var. **transvaaliensis**
Perennial. Shrub, scrambler. Ht? Alt? M

transvaaliensis Gust. × **R. longepedicellatus** (Gust.) C.H.Stirt.
Perennial. Shrub. Ht? Alt? M

***trifoliolatus** Suess.
Perennial. Shrub. Ht? Alt? WC

SANGUISORBA L. 3381000

(1) Proctor & Nordborg. 1968. *Flora europaea* 2: 33, 34.
(2) Bailey & Bailey. 1977. *Hortus third*: 1002.
(3) Purohit & Panigrahi. 1984. *Blumea* 30: 51–68.
(4) Cullen. 1995. *European garden flora* 4: 379, 380.

minor Scop. subsp. **muricata** Briq.
Poterium polygamum Waldst. & Kit. (1)
S. muricata (Spach) Gremli (1)
S. rhodopaea (Velen.) Hayek (1)
Perennial. Herb. Ht 0.2–0.4 m. Alt 900–1800 m. G, M, FS, EC

muricata (Spach) Gremli = **S. minor** subsp. **muricata**

rhodopaea (Velen.) Hayek = **S. minor** subsp. **muricata**

RUBIACEAE

Compiled by E. Retief

ADINA Salisb. 8226010

galpinii Oliv. = **Breonadia salicina**

microcephala (Delile) Hiern = **Breonadia salicina**

AGATHISANTHEMUM Klotzsch 8136140

(1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 152–163.
(2) Verdcourt. 1976. *FTEA* Rubiaceae: 254–258.
(3) Verdcourt. 1989. *FZ* 5,1: 107–111.
(4) Retief & Herman. 1997. *Strelitzia* 6: 578.

bojeri Klotzsch subsp. *australe* Bremek. var. *australe* = **A. bojeri** subsp. **bojeri**

bojeri Klotzsch subsp. **bojeri**
A. bojeri Klotzsch subsp. *australe* Bremek. var. *australe* (2)
Oldenlandia bojeri (Klotzsch) Hiern (2)
Perennial. Shrub, herb. Ht 0.25–1.5 m. Alt 10–2055 m. N, LIM, NW, G, M, S, KZN

chlorophyllum (Hochst.) Bremek. var. **chlorophyllum**
Hedyotis chlorophylla Hochst. (1)
Oldenlandia chlorophylla (Hochst.) Kuntze (1)
Perennial. Herb. Ht 0.16–0.45 m. Alt 90–915 m. KZN

chlorophyllum (Hochst.) Bremek. var. **pubescens** Bremek. (insufficiently known)
Perennial. Herb. Ht? Alt? KZN

ALBERTA E.Mey. 8343000

(1) Henderson. 1952. *The Flowering Plants of Africa* 29: t. 1125.
(2) Puff *et al.* 1984. *Bulletin du Jardin Botanique National de Belgique* 54: 293–366.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1074.

magna E.Mey.
Perennial. Tree. Ht 5–10 m. Alt 200–1005 m. KZN, EC

AMBRARIA Cruse 8439010

acerosa Sond. in part = **Nenax acerosa** subsp. **acerosa**

acerosa Sond. in part = **Nenax divaricata**

glabra Cruse = **Nenax acerosa** subsp. **acerosa**

glabra Cruse var. *papillata* Sond. = **Nenax acerosa** subsp. **acerosa**

glabra Cruse var. *tulbaghica* Sond. = **Nenax acerosa** subsp. **acerosa**

hirta Cruse = **Nenax hirta** subsp. **hirta**

hirta Cruse var. *macrocarpa* Eckl. & Zeyh. = **Nenax acerosa** subsp. **macrocarpa**

microphylla Sond. = **Nenax microphylla**

AMPHIASMA Bremek. 8136170

(1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 168–175.
(2) Merxmüller. 1966. *FSWA* 115: 5, 6.

benguellense (Hiern) Bremek.
Oldenlandia benguellensis Hiern (2)
Perennial. Shrub. Ht 0.6–1.5 m. Alt ± 1163 m. N

divaricatum (Engl.) Bremek.
Oldenlandia divaricata Engl. (2)
Oldenlandia trichotoma Schinz (2)
Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt 520–1000 m. N

merenskyanum Bremek.
Oldenlandia merenskyana Dinter ex Bremek. (2)
Perennial. Shrub. Ht 0.8–2 m. Alt 490–1150 m. N

ANCYLANTHOS Desf. 8360000

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 324–329.
(2) Bridson. 1998. *FZ* 5,2: 236–238.

bainesii Hiern = **A. rubiginosus**

monteiroi Oliv. = **Lagynias monteiroi**

rubiginosus Desf.
A. bainesii Hiern (2)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1000 m. N, B

ANTHOSPERMUM L. 8438000

(1) Puff. 1986. *FSA* 31,1,2: 8–36.
(2) Puff. 1989. *FZ* 5,1: 150–158.
(3) Retief & Herman. 1997. *Strelitzia* 6: 578, 579.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 617.

aethiopicum L.
A. aethiopicum L. var. *ternifolium* Cruse (1)
Perennial. Shrub. Ht 0.6–2 m. Alt 10–2315 m. NW, M, L, WC, EC

aethiopicum L. var. *ciliare* (L.) Kuntze = **A. galioides** subsp. **galioides**

aethiopicum L. var. *ecklonianum* Cruse = **A. spathulatum** subsp. **ecklonianum**

aethiopicum L. var. *montanum* Sond. = **A. spathulatum** subsp. **spathulatum**

aethiopicum L. var. *oppositifolium* Cruse = **A. spathulatum** subsp. **spathulatum**

aethiopicum L. var. *reflexifolium* Kuntze = **A. galioides** subsp. **reflexifolium**

aethiopicum L. var. *ternifolium* Cruse = **A. aethiopicum**

aethiopicum L. var. *tulbaghense* Eckl. & Zeyh. = **A. spathulatum** subsp. **tulbaghense**

aethiopicum L. var. *uitenhagense* Eckl. & Zeyh. = **A. spathulatum** subsp. **uitenhagense**

ambiguum Greves = **A. littoreum**

ammanioides of author, not of S.Moore, concept invalid = **A. welwitschii**

arenicolum Greves = **A. hispidulum**

basuticum Puff
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 2300–3600 m. KZN, EC

bergianum Cruse
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 98–1765 m. WC

bicorne Puff
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–1700 m. WC

burkei Sond. = **A. hispidulum**

calycophyllum Sond. = **Otiophora calycophylla** subsp. **calycophylla**

ciliare L. var. *ciliare* = **A. galioides** subsp. **galioides**

ciliare L. var. *glabrifolium* Sond. = **A. galioides** subsp. **galioides**

ciliare L. var. *papillatum* Sond. = **A. galioides** subsp. **galioides**

comptonii Puff
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1300–1800 m. WC, EC

crocyllis Sond. = **Gaillonia crocyllis**

dregei Sond. subsp. **dregei**
Perennial. Dwarf shrub. Ht 0.1–3 m. Alt 60–2425 m. N, M, FS, KZN, L, NC

dregei Sond. subsp. **ecklonis** (Sond.) Puff
A. ecklonis Sond. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 100–500 m. WC

ecklonis Sond. = **A. dregei** subsp. **ecklonis**

ericifolium (Licht. ex Roem. & Schult.) Kuntze
A. lichtensteinii Cruse (1)
Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt ± 197 m. WC

ericoideum K.Krause = **A. rigidum** subsp. **pumilum**

esterhuysenianum Puff var. **esterhuysenianum**
Perennial. Dwarf shrub. Ht 0.12–0.3 m. Alt 1600–2000 m. WC

esterhuysenianum Puff var. **hirsutum** Puff
Perennial. Dwarf shrub. Ht 0.12–0.3 m. Alt ± 1500 m. WC

galioides Rchb.f. subsp. **galioides**
A. aethiopicum L. var. *ciliare* (L.) Kuntze (1)
A. ciliare L. var. *ciliare* (1)
A. ciliare L. var. *glabrifolium* Sond. (1)
A. ciliare L. var. *papillatum* Sond. (1)
Perennial. Dwarf shrub, erect, procumbent. Ht up to 0.3 m. Alt 30–1370 m. NC, WC, EC

galioides Rchb.f. subsp. **reflexifolium** (Kuntze) Puff
A. aethiopicum L. var. *reflexifolium* Kuntze (1)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 130–1440 m. WC

galpinii Schltr.
Perennial. Shrub. Ht 0.6–2.5 m. Alt 305–2317 m. KZN, EC

hedyotideum Sond. = **A. herbaceum**

herbaceum L.f.
A. hedyotideum Sond. (1)
A. lanceolatum Thunb. (1)
A. lanceolatum Thunb. var. *latifolium* Sond. (1)
Perennial. Herb. Ht 0.1–0.6 m. Alt 5–3110 m. LIM, M, S, FS, KZN, L, NC, WC, EC

hirtum Cruse
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 55–825 m. WC

hispidulum E.Mey. ex Sond.
A. arenicolum Greves (1)
A. burkei Sond. (1)
A. rubricaule K.Schum. (1)
Perennial. Dwarf shrub. Ht 0.05–1 m. Alt 100–2940 m. LIM, NW, G, M, S, FS, KZN, L, EC

humile N.E.Br. = **A. rigidum** subsp. **pumilum**

lanceolatum Thunb. = **A. herbaceum**

lanceolatum Thunb. var. *latifolium* Sond. = **A. herbaceum**

lichtensteinii Cruse = **A. ericifolium**

littoreum L.Bolus
A. ambiguum Greves (1)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 3–915 m. KZN, EC

monticola Puff
Perennial. Shrub. Ht 0.5–2 m. Alt 1700–2500 m. FS, KZN, L, EC

paniculatum Cruse
Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 30–1669 m. WC, EC

prostratum Sond.
A. prostratum Sond. var. *glabrum* Sond. (1)
A. prostratum Sond. var. *velutinum* Sond. (1)
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 2–765 m. WC, EC

prostratum Sond. var. *glabrum* Sond. = **A. prostratum**

prostratum Sond. var. *velutinum* Sond. = **A. prostratum**

pumilum Sond. subsp. *pumilum* = **A. rigidum** subsp. **pumilum**

pumilum Sond. subsp. *rigidum* (Eckl. & Zeyh.) Puff = **A. rigidum** subsp. **rigidum**

pumilum Sond. var. *pilosum* E.Phillips = **A. rigidum** subsp. **pumilum**

rigidum Eckl. & Zeyh. subsp. **pumilum** (Sond.) Puff
A. ericoideum K.Krause (2)
A. humile N.E.Br. (2)
A. pumilum Sond. subsp. *pumilum* (2)
A. pumilum Sond. var. *pilosum* E.Phillips (2)
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 2–2336 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

rigidum Eckl. & Zeyh. subsp. **rigidum**
A. pumilum Sond. subsp. *rigidum* (Eckl. & Zeyh.) Puff (2)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 130–2805 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rubricaule K.Schum. = **A. hispidulum**

scabrum Thunb. = **Carpacoce scabra** subsp. **scabra**

spathulatum Spreng. subsp. **ecklonianum** (Cruse) Puff
A. aethiopicum L. var. *ecklonianum* Cruse (1)
Perennial. Shrub. Ht 1–2 m. Alt 640–1350 m. WC

spathulatum Spreng. subsp. **saxatile** Puff
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt 1500–1920 m. NW, WC

spathulatum Spreng. subsp. **spathulatum**
A. aethiopicum L. var. *montanum* Sond. (1)
A. aethiopicum L. var. *oppositifolium* Cruse (1)
A. tricostatum Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 8–2438 m. N, FS, KZN, L, NC, WC, EC

spathulatum Spreng. subsp. **tulbaghense** Puff
A. aethiopicum L. var. *tulbaghense* Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 61–500 m. WC

spathulatum Spreng. subsp. **uitenhagense** Puff
A. aethiopicum L. var. *uitenhagense* Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 122–750 m. EC

spermacoceum Rchb.f. = **Carpacoce spermacocea** subsp. **spermacocea**

streyi Puff
Perennial. Dwarf shrub, procumbent. Length up to 0.4 m. Alt ± 100 m. KZN, EC

tricostatum Sond. = **A. spathulatum** subsp. **spathulatum**

welwitschii Hiern
A. ammanioides of author, not of S.Moore, concept invalid (1)
Perennial. Shrub. Ht 0.3–3 m. Alt 1450–1980 m. LIM, M, S, KZN

BORRERIA G.Mey. 8473000

natalensis (Hochst.) S.Moore = **Spermacoce natalensis**

paludosa Hepper = **Spermacoce quadrisulcata**

quadrisulcata Bremek. = **Spermacoce quadrisulcata**

scabra of author, not of (Schumach. & Thonn.) K.Schum. = **Spermacoce senensis**

squarrosa Schinz = **Spermacoce senensis**

BREONADIA Ridsdale 8226000

(1) Hepper & Wood. 1982. *Kew Bulletin* 36: 860.
(2) Retief & Herman. 1997. *Strelitzia* 6: 579.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1038, 1039.

microcephala (Delile) Ridsdale = **B. salicina**

salicina (Vahl) Hepper & J.R.I.Wood
Adina galpinii Oliv. (1)
Adina microcephala (Delile) Hiern (1)
B. microcephala (Delile) Ridsdale (1)
Perennial. Tree. Ht 5–20 m. Alt 20–1220 m. LIM, M, S, KZN

BUNBURYA Meisn. 8308030

capensis Meisn. ex Hochst. = **Tricalysia capensis** var. **capensis**

BURCHELLIA R.Br. 8281000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 145.
(2) Retief & Herman. 1997. *Strelitzia* 6: 579.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 617.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1048.

bubalina (L.f.) Sims
B. capensis R.Br. (1)
Lonicera bubalina L.f. (1)
Perennial. Tree, shrub. Ht 2–5 m. Alt 5–1980 m. LIM, M, S, KZN, L, WC, EC

capensis R.Br. = **B. bubalina**

CANTHIUM Lam. 8352000

(1) Bridson. 1987. *Kew Bulletin* 42: 611–639.
(2) Tilney & Kok. 1987. *South African Journal of Botany* 53: 98–102.
(3) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 861–885.
(4) Bridson. 1992. *Kew Bulletin* 47: 353–401.
(5) Retief & Herman. 1997. *Strelitzia* 6: 579, 580.
(6) Bridson. 1998. *FZ* 5,2: 315–337.
(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 618.
(8) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1086–1095.

burttii in sense of F.White, not of Bullock, misapplied name = **C. pseudorandii**

ciliatum (Klotzsch) Kuntze
Plectronia ciliata (Klotzsch) Sond. (4)
Perennial. Tree, shrub. Ht 1–2.5 m. Alt 90–2135 m. LIM, M, S, FS, KZN, L, NC, EC

frangula S.Moore = **C. glaucum** subsp. **frangula** var. **frangula**

gilfillanii (N.E.Br.) O.B.Mill.
Plectronia gilfillanii N.E.Br. (4)
Perennial. Shrub. Ht 2–5 m. Alt 1500–2000 m. LIM, NW, G, M, S, KZN

glaucum Hiern subsp. **frangula** (S.Moore) Bridson var. **frangula**
C. frangula S.Moore (4)
Perennial. Shrub. Ht 1–3.5 m. Alt 700–1700 m. N, B

gueinzii Sond. = **Keetia gueinzii**

huillense Hiern = **Psydrax livida**

inerme (L.f.) Kuntze
C. ventosum (L.) Kuntze (4)
Lycium inerme L.f. (4)
Perennial. Tree, shrub. Ht 1–7 m. Alt 1080–2000 m. LIM, NW, G, M, S, KZN, WC, EC

kuntzeanum Bridson
C. pauciflorum (Klotzsch ex Eckl. & Zeyh.) Kuntze (4)
Plectronia pauciflora Klotzsch (4)
Perennial. Shrub. Ht 2–10 m. Alt 1500–1900 m. M, FS, KZN, WC, EC

lanciflorum Hiern = **Vangueriopsis lanciflora**

lividum Hiern = **Psydrax livida**

locuples (K.Schum.) Codd = **Psydrax locuples**

mundianum Cham. & Schltdl.
Plectronia mundiana (Cham. & Schltdl.) Pappe (4)
Perennial. Tree, shrub. Ht 2–6 m. Alt 460–1300 m. LIM, NW, G, M, S, KZN, WC, EC

obovatum Eckl. & Zeyh. = **Psydrax obovata** subsp. **obovata**

obovatum Eckl. & Zeyh. var. *pyrifolium* (Eckl. & Zeyh.) Sond. = **Psydrax obovata** subsp. **obovata**

pauciflorum (Klotzsch ex Eckl. & Zeyh.) Kuntze = **C. kuntzeanum**

pseudorandii Bridson
C. burttii in sense of F.White, not of Bullock, misapplied name (4)
Perennial. Shrub. Ht ± 3 m. Alt ± 70 m. B

setiflorum Hiern subsp. **setiflorum**
Perennial. Shrub. Ht 1.4–4 m. Alt 17–70 m. LIM, M, S, KZN

spinosum (Klotzsch) Kuntze
Plectronia spinosa Klotzsch (4)
Perennial. Shrub. Ht 1.5–4 m. Alt 30–700 m. B, S, KZN, EC

suberosum Codd
Perennial. Shrub. Ht 3–4 m. Alt 1300–2000 m. LIM, NW, G, S, KZN, EC

vanwykii Tilney & Kok
Perennial. Shrub. Ht 1.2–7 m. Alt 250–400 m. KZN, EC

ventosum (L.) Kuntze = **C. inerme**

wildii (Suess.) Codd = **Psydrax livida**

CARPACOCE Sond. 8443000

(1) Puff. 1986. *FSA* 31,1,2: 52–60.

burchellii Puff
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 340–1145 m. WC

curvifolia Puff
Perennial. Herb. Ht ± 0.7 m. Alt 1400–1800 m. WC

gigantea Puff
Perennial. Shrub. Ht 0.7–0.9 m. Alt ± 200 m. WC

heteromorpha (H.Buek) L.Bolus
Merciera heteromorpha H.Buek (1)
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 45–1220 m. WC

scabra (Thunb.) Sond. subsp. **rupestris** Puff
Perennial. Dwarf shrub, decumbent. Ht 0.1–0.25 m. Alt ± 1300 m. WC

scabra (Thunb.) Sond. subsp. **scabra**
Anthospermum scabrum Thunb. (1)
Perennial. Dwarf shrub. Ht 0.2–1.5 m. Alt 488–1220 m. NC, WC

spermacocea (Rchb.f.) Sond. subsp. **orientalis** Puff
Perennial. Herb. Ht 0.3–1 m. Alt 33–1300 m. WC

spermacocea (Rchb.f.) Sond. subsp. **spermacocea**
Anthospermum spermacoceum Rchb.f. (1)
Perennial. Herb. Ht 0.6–1 m. Alt 30–1300 m. WC, EC

vaginellata Salter
Perennial. Dwarf shrub. Ht 0.12–0.4 m. Alt 5–970 m. NC, WC, EC

CARPHALEA Juss. 8157000

(1) Verdcourt. 1974. *Kew Bulletin* 28: 423–428.
(2) Verdcourt. 1989. *FZ* 5,1: 82–84.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1036.

pubescens (Klotzsch) Verdc.
Dirichletia pubescens Klotzsch (1)
Perennial. Shrub. Ht 0.9–4.5 m. Alt ± 915 m. B

CATUNAREGAM Wolf 8283100

(1) Verdcourt. 1981. *Kew Bulletin* 36: 502–506.
(2) Retief & Herman. 1997. *Strelitzia* 6: 580.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1049, 1050.

obovata (Hochst.) Gonç. in broad sense
Gardenia spinosa Thunb. (3)
Randia kraussii Harv. (3)
Xeromphis obovata (Hochst.) Keay (3)

Perennial. Tree, shrub. Ht 1.3–5 m. Alt 15–915 m. LIM, M, S, KZN

spinosa (Thunb.) Tirveng. subsp. *spinosa* = misapplied name (3)

CEPHALANTHUS L. 8230000

(1) Oliver. 1881. *Hooker's Icones Plantarum* 14: t. 1331.
(2) Retief & Herman. 1997. *Strelitzia* 6: 580.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1039, 1040.

natalensis Oliv.
Perennial. Shrub. Ht up to 8 m. Alt 885–2100 m. LIM, M, S, KZN

CHOMELIA Kuntze 8278020

junodii Schinz = **Tarenna junodii**

CODDIA Verdc. 8283110

(1) Verdcourt. 1981. *Kew Bulletin* 36: 509–511.
(2) Retief & Herman. 1997. *Strelitzia* 6: 580.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1050.

rudis (E.Mey. ex Harv.) Verdc.
Randia rudis E.Mey. ex Harv. (1)
Xeromphis rudis (E.Mey. ex Harv.) Codd (1)
Perennial. Shrub. Ht 0.4–3 m. Alt 15–1484 m. LIM, M, S, KZN, EC

COFFEA L. 8381000

(1) Bridson. 1982. *Kew Bulletin* 36: 817–854.
(2) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 703–723.
(3) Retief & Herman. 1997. *Strelitzia* 6: 580.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1106–1109.

ibo A.Froehner = **C. zanguebariae**

racemosa Lour.
C. swynnertonii S.Moore (1)
Perennial. Tree, shrub. Ht 2–6 m. Alt 30–90 m. S, KZN

schumanniana Busse = **C. zanguebariae**

swynnertonii S.Moore = **C. racemosa**

zanguebariae Lour. (insufficiently known) (4)
C. ibo A.Froehner (1)
C. schumanniana Busse (1)
Perennial. Tree, shrub. Ht ± 3–5 m. Alt? LIM? KZN?

CONOSTOMIUM (Stapf) Cufod. 8136070

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 364.
(2) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 125–139.
(3) Verdcourt. 1989. *FZ* 5,1: 101–103.
(4) Retief & Herman. 1997. *Strelitzia* 6: 580.

natalense (Hochst.) Bremek. var. **glabrum** Bremek.
Perennial. Herb. Ht 0.3–1 m. Alt 15–2133 m. LIM, G, M, S, FS, KZN, EC

natalense (Hochst.) Bremek. var. *hirsuta* Baer = **C. natalense** var. **natalense**

natalense (Hochst.) Bremek. var. **natalense**
C. natalense (Hochst.) Bremek. var. *hirsuta* Baer (2)
Hedyotis natalensis Hochst. (2)
Oldenlandia natalensis (Hochst.) Kuntze (2)
Perennial. Herb. Ht 0.25–1 m. Alt 21–2000 m. LIM, M, S, KZN, EC

natalense (Hochst.) Bremek. var. **ovalifolium** Bremek. (insufficiently known) (2)

natalense (Hochst.) Bremek. var. **tomentellum** Bremek. (insufficiently known) (2)

zoutpansbergense (Bremek.) Bremek.
Oldenlandia zoutpansbergensis Bremek. (2)
Perennial. Herb. Ht 0.4–1 m. Alt ± 914–1000 m. LIM

COPTOSPERMA Hook.f. 8278030

(1) Degreef *et al.* 2001. *Systematics and Geography of Plants* 71: 367–382.

littorale (Hiern) Degreef
Enterospermum littorale Hiern (1)
Tarenna littoralis (Hiern) Bridson (1)
Perennial. Tree, shrub. Ht 1–6 m. Alt 5–432 m. LIM, S, KZN

nigrescens Hook.f.
Tarenna nigrescens (Hook.f.) Hiern (1)
Perennial. Tree, shrub, climber. Ht 3–6 m. Alt? S

rhodesiacum (Bremek.) Degreef
Enterospermum rhodesiacum Bremek. (1)
Tarenna zimbabwensis Bridson (1)
Perennial. Tree, shrub. Ht 1.3–8 m. Alt 915–1650 m. LIM

supra-axillare (Hemsl.) Degreef
Stylocoryne barbertonensis Bremek. (1)
Tarenna barbertonensis (Bremek.) Bremek. (1)
Tarenna supra-axillaris (Hemsl.) Bremek. (1)
Tarenna supra-axillaris (Hemsl.) Bremek. subsp. *barbertonensis* (Bremek.) Bridson (1)
Perennial. Shrub. Ht 1–2 5 m. Alt 70–1518 m. LIM, M, S, KZN

zygoon (Bridson) Degreef
Tarenna zygoon Bridson (1)
Zygoon graveolens Hiern (1)
Perennial. Shrub. Ht 1–1 5 m. Alt 430–520 m. LIM

CROCYLLIS E.Mey. & Hook.f. 8449000

anthospermoides E.Mey. ex K.Schum. = **Gaillonia crocyllis**

CROSSOPTERYX Fenzl 8212000

(1) Launert. 1966. *FSWA* 115: 10, 11.
(2) Retief & Herman. 1997. *Strelitzia* 6: 581.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1038.

febrifuga (Afzel. ex G.Don) Benth.
C. kotschyana Fenzl (1)
Rondeletia febrifuga Afzel. ex G.Don (1)
Perennial. Tree. Ht 4–15 m. Alt 425–945 m. N, B, LIM

kotschyana Fenzl = **C. febrifuga**

DINOCANTHIUM Bremek. 8352020

hystrix Bremek. = **Pyrostria hystrix**

*DIODIA L. 8471000

(1) Hilliard & Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 86.
(2) Verdcourt. 1989. *FZ* 5,1: 162–165.

dasycephala Cham. & Schltdl.
Annual. Herb. Ht? Alt ± 400 m. EC

natalensis (Hochst.) J.G.García = **Spermacoce natalensis**

DIPLOSPORA DC. 8308040

africana Sim = **Tricalysia africana**

DIRICHLETIA Klotzsch 8160000

pubescens Klotzsch = **Carphalea pubescens**

ENTEROSPERMUM Hiern 8279000

littorale Hiern = **Coptosperma littorale**

rhodesiacum Bremek. = **Coptosperma rhodesiacum**

ERIOSEMOPSIS Robyns 8351010

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 38–40.

subanisophylla Robyns
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt ± 300 m. KZN, EC

FADOGIA Schweinf. 8359010

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 41–93.
(2) Hurter *et al.* 1972. *The Onderstepoort Journal of Veterinary Research* 39: 71–82.
(3) Verdcourt. 1981. *Kew Bulletin* 36: 515–532.
(4) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 786–800.
(5) Retief & Herman. 1997. *Strelitzia* 6: 581.
(6) Bridson. 1998. *FZ* 5,2: 265–281.

fragrans Robyns = **F. homblei**

grandiflora Robyns = **F. tetraquetra** var. **grandiflora**

homblei De Wild.
F. fragrans Robyns (2)
F. monticola Robyns (3)
F. oleoides Robyns (2)
Perennial. Herb. Ht 0.3–1.2 m. Alt 580–1639 m. LIM, NW, G, M, S

humilis J.M.Wood & M.S.Evans = **Pygmaeothamnus chamaedendrum** var. **chamaedendrum**

monticola Robyns = **F. homblei**

mucronulata Robyns = **F. tetraquetra** var. **tetraquetra**

oleoides Robyns = **F. homblei**

tetraquetra K.Krause var. **grandiflora** (Robyns) Verdc.
F. grandiflora Robyns (3)
Perennial. Herb. Ht 0.2–0.9 m. Alt 880–1548 m. LIM, M, S

tetraquetra K.Krause var. **tetraquetra**
F. mucronulata Robyns (3)
Perennial. Herb. Ht 0.25–0.75 m. Alt 762–1800 m. LIM, M, S

thamnus K.Schum.
Perennial. Dwarf shrub. Ht ± 0.75 m. Alt 340–500 m. N

FERETIA Delile 8299000

(1) Bridson. 1979. *Kew Bulletin* 34: 367–370.
(2) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 696–698.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1063.

aeruginescens Stapf
F. apodanthera Delile var. *australis* K.Schum. (1)
Perennial. Tree, shrub. Ht 1–6 m. Alt 379–915 m. N, B

apodanthera Delile var. *australis* K.Schum. = **F. aeruginescens**

GAILLONIA A.Rich. ex DC. 8469000

(1) Thulin. 1998. *Nordic Journal of Botany* 18: 31–38.

crocyllis (Sond.) Thulin
Anthospermum crocyllis Sond. (1)
Crocyllis anthospermoides E.Mey. ex K.Schum. (1)
Perennial. Herb. Ht 0.5–1.6 m. Alt 320–900 m. N, NC

GALIUM L. 8486000

(1) Ehrendorfer. 1976. *Flora europaea* 4: 14–36.
(2) Puff. 1986. *FSA* 31,1,2: 65–75.
(3) Puff. 1989. *FZ* 5,1: 195–201.
(4) Retief & Herman. 1997. *Strelitzia* 6: 581.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 618, 619.

amatymbicum Eckl. & Zeyh.
Perennial. Herb. Ht up to 0.3 m. Alt 60–2100 m. EC

aparine of author, not of L., concept invalid = **G. spurium** subsp. **africanum**

asperum Thunb. = **G. tomentosum**

bredasdorpense Puff
Perennial. Herb, procumbent or decumbent. Ht ± 0.05 m. Alt 10–200 m. WC

capense Thunb. subsp. **capense**
G. capense Thunb. var. *expansum* (Thunb.) Sond. (2)
G. capense Thunb. var. *minus* Sond. (2)
Perennial. Herb. Ht 0.25–2 m. Alt 185–3100 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

capense Thunb. subsp. **garipense** (Sond.) Puff
G. capense Thunb. subsp. *garipense* (Sond.) Puff var. *wittbergense* (Sond.) Puff (2)
G. garipense Sond. (2)
Perennial. Herb. Ht 0.15–0.5 m. Alt 60–2990 m. NW, G, M, S, FS, KZN, L, NC, EC

capense Thunb. subsp. *garipense* (Sond.) Puff var. *wittbergense* (Sond.) Puff = **G. capense** subsp. **garipense**

capense Thunb. subsp. **namaquense** (Eckl. & Zeyh.) Puff
G. capense Thunb. var. *scabrum* Sond. (2)
Perennial. Herb. Ht 0.4–1 m. Alt 600–1066 m. NC, WC

capense Thunb. var. *expansum* (Thunb.) Sond. = **G. capense** subsp. **capense**

capense Thunb. var. *minus* Sond. = **G. capense** subsp. **capense**

capense Thunb. var. *scabrum* Sond. = **G. capense** subsp. **namaquense**

dregeanum Sond. = **G. mucroniferum** var. **dregeanum**

garipense Sond. = **G. capense** subsp. **garipense**

glabrum of author, not of Thunb., concept invalid = **G. undulatum**

horridum Thunb. = **Rubia horrida**

monticolum Sond.
Perennial. Herb. Ht ± 1.3 m. Alt ± 500 m. WC

mucroniferum Sond. var. **dregeanum** (Sond.) Puff
G. dregeanum Sond. (2)
Perennial. Herb. Ht up to 0.55 m. Alt ± 915 m. L, WC, EC

mucroniferum Sond. var. **mucroniferum**
Perennial. Herb. Ht ± 1 m. Alt 305–1200 m. WC, EC

rotundifolium L. var. *hirsutum* Sond. = **G. thunbergianum** var. **hirsutum**

rotundifolium of author, not of L., concept invalid = **G. thunbergianum** var. **thunbergianum**

rourkei Puff
Perennial. Herb, procumbent. Ht up to 0.2 m. Alt ± 800 m. WC

scabrelloides Puff
Perennial. Herb. Ht 0.6–2 m. Alt 1700–2300 m. M, S, FS, KZN, EC

spurium-aparine complex
Perennial. Scrambler. Ht indefinite. Alt 5–2000 m. G, KZN, NC, WC

spurium L. subsp. **africanum** Verdc.
G. aparine of author, not of L., concept invalid (2)
Annual. Herb. Ht 0.4–3 m. Alt 5–2400 m. LIM, G, M, KZN, L, NC, WC, EC

subvillosum Sond. var. **subglabrum** Puff
Perennial. Herb, procumbent. Ht indefinite. Alt 1160–1500 m. WC

subvillosum Sond. var. **subvillosum**
Perennial. Herb, procumbent. Ht indefinite. Alt 610–2135 m. FS, KZN, L, WC

thunbergianum Eckl. & Zeyh. var. **hirsutum** (Sond.) Verdc.
G. rotundifolium L. var. *hirsutum* Sond. (2)
Perennial. Herb. Ht 0.25–0.3 m. Alt 1240–2200 m. M, S, FS, KZN, L, EC

thunbergianum Eckl. & Zeyh. var. **thunbergianum**
G. rotundifolium of author, not of L., concept invalid (2)
Perennial. Herb. Ht 0.15–1 m. Alt 680–2440 m. LIM, M, S, FS, KZN, L, WC, EC

tomentosum Thunb.
G. asperum Thunb. (2)
Perennial. Herb. Ht 1–2 m. Alt 5–2135 m. N, FS, KZN, NC, WC, EC

undulatum Puff
G. glabrum of author, not of Thunb., concept invalid (2)
Perennial. Herb. Ht indefinite. Alt 450–1500 m. WC

GALOPINA Thunb. 8435000

(1) Puff. 1986. *FSA* 31,1,2: 48–52.
(2) Verdcourt. 1989. *FZ* 5,1: 160–162.
(3) Retief & Herman. 1997. *Strelitzia* 6: 582.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 619.

aspera (Eckl. & Zeyh.) Walp.
Oxyspermum asperum Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.55–1.5 m. Alt 15–1405 m. LIM, M, S, KZN, EC

circaeoides Thunb.
Perennial. Herb. Ht 0.3–0.9 m. Alt 15–2000 m. LIM, NW, G, M, S, FS, KZN, WC, EC

crocyllioides Baer ex Schinz
Perennial. Herb. Ht 0.9–1 m. Alt 600–1525 m. S, KZN

hirsuta E.Mey. = **G. tomentosa**

tomentosa Hochst.
G. hirsuta E.Mey. (1)
Perennial. Herb. Ht 0.3–0.8 m. Alt 50–400 m. KZN, EC

GARDENIA J.Ellis 8285000

(1) Stapf & Hutchinson. 1909. *The Journal of the Linnean Society, Botany* 38: 417–428.
(2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 14.
(3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 657.
(4) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 918.
(5) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1229.
(6) Marais. 1957. *The Flowering Plants of Africa* 32: t. 1241.
(7) Launert. 1966. *FSWA* 115: 12, 13.
(8) Verdcourt. 1979. *Kew Bulletin*. 34: 345–360.
(9) Glen. 1983. *The Flowering Plants of Africa* 47: t. 1863.
(10) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 500–511.
(11) Retief & Herman. 1997. *Strelitzia* 6: 582.
(12) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1051–1056.

amoena Sims = **Hyperacanthus amoenus**

annae E.P.Wright var. *moramballae* Hiern = **Rothmannia fischeri** subsp. **moramballae**

brachythamnus (K.Schum.) Launert
Randia brachythamnus K.Schum. (7)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ± 1000 m. N, B

cornuta Hemsl.
Perennial. Tree. Ht 3–5 m. Alt 30–305 m. LIM, G, M, S, KZN

gerrardiana Sond. = **Hyperacanthus amoenus**

globosa Hochst. = **Rothmannia globosa**

jovis-tonantis of author, not of (Welw.) Hiern = **G. ternifolia** subsp. **jovis-tonantis** var. **goetzei**

lutea Fresen.
G. thunbergia Engl. (1)
Perennial. Shrub. Ht 3–5 m. Alt 765–1065 m. N, B, LIM, KZN

neuberia Eckl. & Zeyh. = **Hyperacanthus amoenus**

resiniflua Hiern subsp. **resiniflua**
Perennial. Tree, shrub. Ht 2–5 m. Alt 275–915 m. N, B, LIM, M

rothmannia L.f. = **Rothmannia capensis**

saundersiae N.E.Br. = **G. volkensii** subsp. **volkensii** var. **saundersiae**

spatulifolia of author, not of Stapf & Hutch. = **G. volkensii** subsp. **volkensii** var. **volkensii**

spatulifolia Stapf & Hutch. = **G. volkensii** subsp. **spatulifolia**

spinosa Thunb. = **Catunaregam obovata**

ternifolia Schumach. & Thonn. subsp. **jovis-tonantis** (Welw.) Verdc. var. **goetzei** (Stapf & Hutch.) Verdc.
G. jovis-tonantis of author, not of (Welw.) Hiern (8)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 520–945 m. N, B, LIM

thunbergia Engl. = **G. lutea**

thunbergia L.f.
Perennial. Tree, shrub. Ht 3–7 m. Alt 5–1220 m. S, KZN, EC

volkensii K.Schum. subsp. **spatulifolia** (Stapf & Hutch.) Verdc.
G. spatulifolia Stapf & Hutch. (8)
Perennial. Tree. Ht 3–7 m. Alt 760–1125 m. N, B, LIM

volkensii K.Schum. subsp. **volkensii** var. **saundersiae** (N.E.Br.) Verdc.
G. saundersiae N.E.Br. (8)
Perennial. Tree. Ht 3–7 m. Alt 50–90 m. LIM, KZN

volkensii K.Schum. subsp. **volkensii** var. **volkensii**
G. spatulifolia of author, not of Stapf & Hutch. (8)
Perennial. Tree. Ht 2–5 m. Alt 30–1540 m. N, B, LIM, NW, G, M, S, KZN

GRUMILEA Gaertn. 8402000

capensis (Eckl.) Sond. = **Psychotria capensis** subsp. **capensis** var. **capensis**

capensis (Eckl.) Sond. var. *angustifolia* Sond. = **Psychotria capensis** subsp. **capensis** var. **capensis**

capensis (Eckl.) Sond. var. *pubescens* Sond. = **Psychotria capensis** subsp. **capensis** var. **pubescens**

kirkii Hiern = **Psychotria zombamontana**

GUETTARDA L. 8361000

(1) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 923, 924.
(2) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1106.

speciosa L.
Perennial. Tree, shrub. Ht 2.5–5 m. Alt ± 3 m. KZN

HEDYOTIS L. 8136210

amatymbica (Eckl. & Zeyh.) Steud. = **Kohautia amatymbica**

aspera B.Heyne ex Roth = **Kohautia aspera**

brachyloba Sond. = **Kohautia caespitosa** subsp. **brachyloba**

capensis (L.f.) Lam. = **Oldenlandia capensis** var. **capensis**

cephalotes Hochst. = **Oldenlandia cephalotes**

chlorophylla Hochst. = **Agathisanthemum chlorophyllum** var. **chlorophyllum**

cynanchica (DC.) Steud. = **Kohautia cynanchica**

decumbens Hochst. = **Oldenlandia affinis** subsp. **fugax**

fugax Vatke = **Oldenlandia affinis** subsp. **fugax**

geminiflora Sond. = **Oldenlandia geminiflora**

gerrardii Harv. ex Sond. = **Kohautia virgata**

goreensis DC. = **Oldenlandia goreensis** var. **goreensis**

herbacea L. = **Oldenlandia herbacea** var. **herbacea**

heynii (G.Don) Sond. = **Oldenlandia herbacea** var. **herbacea**

hirtula Sond. = **Oldenlandia rupicola** var. **hirtula**

natalensis Hochst. = **Conostomium natalense** var. **natalense**

pentamera Sond. = **Pentodon pentandrus** var. **minor**

rupicola Sond. = **Oldenlandia rupicola** var. **rupicola**

setifera (DC.) Steud. = **Kohautia virgata**

stricta Sond. = **Kohautia cynanchica**

tenella Hochst. = **Oldenlandia tenella**

thymifolia C.Presl = **Kohautia caespitosa** subsp. **brachyloba**

virgata Willd. = **Kohautia virgata**

HEINSIA DC. 8326000

(1) Bridson & Verdcourt. 1991. *FTEA* Rubiaceae: 476–479.
(2) Retief & Herman. 1997. *Strelitzia* 6: 582.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1072.

crinita (Afzel.) G.Taylor subsp. **parviflora** (K.Schum. & K.Krause) Verdc.
H. parviflora K.Schum. & K.Krause (1)
Pcrennial. Tree, shrub. Ht 0.3–2 m. Alt 460–490 m. B, LIM

parviflora K.Schum. & K.Krause = **H. crinita** subsp. **parviflora**

HYDROPHYLAX L.f. 8467000

carnosa (Hochst.) Sond. = **Phylohydrax carnosa**

HYMENODICTYON Wall. 8197000

(1) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 452–455.
(2) Retief & Herman. 1997. *Strelitzia* 6: 582, 583.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1036, 1037.

parvifolium Oliv. subsp. **parvifolium**
Perennial. Tree, shrub. Ht 4–5 m. Alt ± 300 m. LIM

HYPERACANTHUS E.Mey. ex Bridson 8285040

(1) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1229.
(2) Bridson & Robbrecht. 1985. *Kew Bulletin* 40: 273–286.
(3) Retief & Herman. 1997. *Strelitzia* 6: 583.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1059, 1060.

amoenus (Sims) Bridson
Gardenia amoena Sims (2)
Gardenia gerrardiana Sond. (2)
Gardenia neuberia Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 2.7–7 m. Alt 5–1920 m. LIM, NW, G, M, S, KZN, EC

microphyllus (K.Schum.) Bridson
Rothmannia microphylla (K.Schum.) J.G.García (2)
Perennial. Shrub. Ht 2–5 m. Alt 45–90 m. KZN

KEETIA E.Phillips 8352050

(1) Bridson. 1986. *Kew Bulletin* 41: 965–994.
(2) Retief & Herman. 1997. *Strelitzia* 6: 583.
(3) Bridson. 1998. *FZ* 5,2: 362–369.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1100–1102.

gueinzii (Sond.) Bridson
Canthium gueinzii Sond. (1)
K. transvaalensis E.Phillips (1)
Perennial. Tree, shrub, climber. Ht 2–7 m. Alt 5–1980 m. LIM, NW, M, S, KZN, EC

transvaalensis E.Phillips = **K. gueinzii**

KOHAUTIA Cham. & Schltdl. 8136060

(1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 56–125.
(2) Verdcourt. 1976. *FTEA* Rubiaceae: 228–242.
(2) Mantell. 1989. *FZ* 5,1: 85–101.
(3) Retief & Herman. 1997. *Strelitzia* 6: 583.

amatymbica Eckl. & Zeyh.
Hedyotis amatymbica (Eckl. & Zeyh.) Steud. (1)
Oldenlandia amatymbica (Eckl. & Zeyh.) Kuntze (1)
Annual, occ. perennial. Herb. Ht 0.15–0.6 m. Alt 105–2200 m. LIM, NW, G, M, FS, KZN, L, EC

amboensis (Schinz) Bremek.
Oldenlandia amboensis Schinz (1)
Annual. Herb. Ht ± 0.15 m. Alt ± 1276 m. N

angolensis Bremek.
Annual, occ. perennial. Herb. Ht 0.25–0.35 m. Alt ± 700 m. N

aspera (B.Heyne ex Roth) Bremek.
Hedyotis aspera B.Heyne ex Roth (1)
Oldenlandia aspera (B.Heyne ex Roth) DC. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt 1030–1239 m. N, B, LIM, FS

azurea (Dinter & K.Krause) Bremek.
Oldenlandia azurea Dinter & K.Krause (1)
Annual. Herb. Ht 0.2–0.3 m. Alt ± 1700 m. N

brachyloba (Sond.) Bremek. = **K. caespitosa** subsp. **brachyloba**

caespitosa Schnizl. subsp. **brachyloba** (Sond.) D.Mantell
Hedyotis brachyloba Sond. (2)
Hedyotis thymifolia C.Presl (2)
K. brachyloba (Sond.) Bremek. (2)
K. caespitosa Schnizl. var. *delagoensis* (Schinz) Bremek. (2)
K. lasiocarpa Klotzsch (2)
Oldenlandia brachyloba (Sond.) Kuntze (2)
Oldenlandia delagoensis Schinz (2)
Oldenlandia lasiocarpa (Klotzsch) Hiern (2)
Annual, occ. perennial. Herb. Ht 0.1–0.8 m. Alt 30–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

caespitosa Schnizl. var. *delagoensis* (Schinz) Bremek. = **K. caespitosa** subsp. **brachyloba**

cicendioides (K.Schum.) Bremek.
Annual. Herb. Ht 0.3–2 m. Alt ± 1191 m. N

cuspidata (K.Schum.) Bremek.
Oldenlandia cuspidata K.Schum. (1)
Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt ± 915 m. N, B

cynanchica DC.
Hedyotis cynanchica (DC.) Steud. (1)
Hedyotis stricta Sond. (1)
K. gracilifolia Bremek. (2)
K. longiflora DC. (1)
K. omahekensis (K.Krause) Bremek. (2)
K. raphidophylla Bremek. (2)
Oldenlandia cynanchica (DC.) K.Schum. ex Kuntze (1)
Oldenlandia omahekensis K.Krause (2)
Annual, occ. perennial. Herb. Ht 0.1–0.6 m. Alt 150–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

gracilifolia Bremek. = **K. cynanchica**

lasiocarpa Klotzsch = **K. caespitosa** subsp. **brachyloba**

latibrachiata Bremek.
Perennial. Herb. Ht ± 0.6 m. Alt 1080–1363 m. LIM

longiflora DC. = **K. cynanchica**

longifolia Klotzsch var. **longifolia**
Annual, occ. perennial. Herb. Ht 0.12–0.95 m. Alt ± 700–1363 m. KZN

microflora D.Mantell
Annual. Herb. Ht 0.05–0.25 m. Alt ± 1000 m. N, B, LIM, NC

omahekensis (K.Krause) Bremek. = **K. cynanchica**

ramosissima Bremek.
Oldenlandia filifolia K.Krause (2)
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 400–945 m. N

raphidophylla Bremek. = **K. cynanchica**

setifera DC. = **K. virgata**

subverticillata (K.Schum.) D.Mantell subsp. **subverticillata**
Oldenlandia sordida K.Krause (2)
Oldenlandia trothae K.Krause (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 900–1800 m. NW, M, FS

virgata (Willd.) Bremek.
Hedyotis gerrardii Harv. ex Sond. (1)
Hedyotis setifera (DC.) Steud. (1)
Hedyotis virgata Willd. (1)
K. setifera DC. (2)
Oldenlandia virgata (Willd.) DC. (1)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 3–1645 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

KRAUSSIA Harv. 8308010

(1) Sonder. 1865. *FC* 3: 22, 23.
(2) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1627.
(3) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 700–702.
(4) Retief & Herman. 1997. *Strelitzia* 6: 584.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1070.

coriacea Sond. = **Tricalysia sonderiana**

floribunda Harv.
Perennial. Tree, shrub. Ht 0.6–4 m. Alt 5–800 m. LIM, M, S, KZN

lanceolata Sond. = **Tricalysia lanceolata**

pavettoides Harv. = **Tarenna pavettoides** subsp. **pavettoides**

LAGYNIAS E.Mey. ex Robyns 8351060

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 312–316.
(2) Bullock. 1931. *Kew Bulletin* 1931: 274.
(3) Retief & Herman. 1997. *Strelitzia* 6: 584.
(4) Bridson. 1998. *FZ* 5,2: 238–241.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1084, 1085.

discolor E.Mey. = **L. lasiantha**

dryadum (S.Moore) Robyns
Vangueria dryadum S.Moore (1)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 395–944 m. LIM

lasiantha (Sond.) Bullock
L. discolor E.Mey. (2)
Vangueria lasiantha (Sond.) Sond. (2)
Perennial. Tree. Ht 1.5–6 m. Alt 5–1168 m. LIM, S, KZN

monteiroi (Oliv.) Bridson
Ancylanthos monteiroi Oliv. (3)
Perennial, Tree, shrub. Ht up to 2.5 m. Alt 30–120 m. S, KZN

LEPTACTINA Hook.f. 8274000

(1) Verdcourt. 1979. *Kew Bulletin* 33: 491–497.
(2) Retief & Herman. 1997. *Strelitzia* 6: 584.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1041.

benguelensis of author, not of (Welw. ex Benth. & Hook.f.) R.D.Good = **L. delagoensis** subsp. **delagoensis**

delagoensis K.Schum. subsp. **delagoensis**
L. benguelensis of author, not of (Welw. ex Benth. & Hook.f.) R.D.Good (1)
Perennial. Shrub. Ht 1–4 m. Alt 30–622 m. LIM, S, KZN

MITRACARPUM Zucc. 8479000

dregeanum Harv. & Sond. = **Spermacoce senensis**

MITRIOSTIGMA Hochst. 8283090

(1) Bridson. 1979. *Kew Bulletin* 34: 127–130.
(2) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1048, 1049.

axillare Hochst.
Perennial. Tree, shrub. Ht 0.6–2 m. Alt 30–371 m. KZN, EC

NENAX Gaertn. 8439000

(1) Puff. 1986. *FSA* 31,1,2: 37–47.

acerosa Gaertn. subsp. **acerosa**
Ambraria acerosa Sond. in part (1)
Ambraria glabra Cruse (1)
Ambraria glabra Cruse var. *papillata* Sond. (1)
Ambraria glabra Cruse var. *tulbaghica* Sond. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 18–700 m. NC, WC

acerosa Gaertn. subsp. **macrocarpa** (Eckl. & Zeyh.) Puff
Ambraria hirta Cruse var. *macrocarpa* Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 300 m. WC

arenicola Puff
Perennial. Shrub. Ht 0.3–0.5 m. Alt 100–610 m. NC, WC

cinerea (Thunb.) Puff
Cliffortia cinerea Thunb. (1)
N. dregei L.Bolus (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 7 m. Alt 400–1100 m. NC, WC

coronata Puff
Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt ± 700 m. WC

dregei L.Bolus = **N. cinerea**

divaricata Salter
Ambraria acerosa Sond. in part (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–800 m. WC

elsieae Puff
Perennial. Dwarf shrub. Ht 0.08–2 m. Alt 900–1300 m. WC

hirta (Cruse) Salter subsp. **calciphila** Puff
Perennial. Shrub. 0.3–1 m. Alt ± 25 m. WC

hirta (Cruse) Salter subsp. **hirta**
Ambraria hirta Cruse (1)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 20–330 m. WC

microphylla (Sond.) Salter
Ambraria microphylla Sond. (1)
Perennial. Dwarf shrub. 0.1–0.3 m. Alt 120–2895 m. FS, L, NC, EC

namaquensis Puff
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 500–1124 m. NC

NEOROSEA Hallé 8308050

andongensis (Hiern) Hallé = **Sericanthe andongensis** var. **andongensis**

OLDENLANDIA L. 8136200

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 364.
(2) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 183–270.
(3) Verdcourt. 1976. *FTEA* Rubiaceae: 268–315.
(4) Verdcourt. 1989. *FZ* 5,1: 120–142.
(5) Retief & Herman. 1997. *Strelitzia* 6: 584, 585.

affinis (Roem. & Schult.) DC. subsp. **fugax** (Vatke) Verdc.
Hedyotis decumbens Hochst. (3)
Hedyotis fugax Vatke (3)
O. decumbens (Hochst.) Hiern (3)
Perennial. Herb. Ht 0.2–1.2 m. Alt 5–1400 m. B, LIM, G, M, S, KZN, EC

amatymbica (Eckl. & Zeyh.) Kuntze = **Kohautia amatymbica**

amboensis Schinz = **Kohautia amboensis**

angolensis K.Schum. var. **angolensis**
Perennial. Herb. Ht 0.15–0.6 m. Alt ± 1000 m. B

aspera (B.Heyne ex Roth) DC. = **Kohautia aspera**

azurea Dinter & K.Krause = **Kohautia azurea**

benguellensis Hiern = **Amphiasma benguellense**

bojeri (Klotzsch) Hiern = **Agathisanthemum bojeri** subsp. **bojeri**

brachyloba (Sond.) Kuntze = **Kohautia caespitosa** subsp. **brachyloba**

caespitosa (Benth.) Hiern = **O. corymbosa** var. **caespitosa**

caespitosa (Benth.) Hiern var. *major* Bremek. = **O. corymbosa** var. **caespitosa**

capensis L.f. var. **capensis**
Hedyotis capensis (L.f.) Lam. (2)
Annual. Herb. Ht up to 0.2 m. Alt 45–1290 m. N, B, LIM, M, KZN, WC, EC

capensis L.f. var. **pleiosepala** Bremek.
Annual. Herb. Ht up to 0.2 m. Alt ± 1000 m. B

cephalotes (Hochst.) Kuntze
Hedyotis cephalotes Hochst. (2)
Perennial. Herb. Ht 0.6–1.5 m. Alt 5–328 m. LIM, M, S, KZN, EC

chlorophylla (Hochst.) Kuntze = **Agathisanthemum chlorophyllum** var. **chlorophyllum**

corymbosa L. var. **caespitosa** (Benth.) Verdc.
O. caespitosa (Benth.) Hiern (3)
O. caespitosa (Benth.) Hiern var. *major* Bremek. (3)
Annual. Herb. Ht 0.02–0.3 m. Alt 45–1220 m. B, LIM, NW, G, M, S, KZN, NC

corymbosa L. var. **linearis** (DC.) Verdc.
Annual. Herb. 0.1–0.2 m. Alt ± 980 m. B

cuspidata K.Schum. = **Kohautia cuspidata**

cynanchica (DC.) K.Schum. ex Kuntze = **Kohautia cynanchica**

decumbens (Hochst.) Hiern = **O. affinis** subsp. **fugax**

decumbens Spreng. = **Vahlia digyna**

delagoensis Schinz = **Kohautia caespitosa** subsp. **brachyloba**

digyna Retz. = **Vahlia digyna**

divaricata Engl. = **Amphiasma divaricatum**

filifolia K.Krause = **Kohautia ramosissima**

geminiflora Sond. (insufficiently known)
Hedyotis geminiflora Sond. (2)
Annual. Herb. Length up to 0.2 m. Alt? LIM?

goreensis (DC.) Summerh. var. **goreensis**
Hedyotis goreensis DC. (2)
Annual. Herb, procumbent, decumbent or erect. Length up to 0.4 m. Alt ± 1000 m. B

herbacea (L.) Roxb. var. **flaccida** Bremek.
Annual, occ. perennial. Herb. Ht 0.04–0.36 m. Alt 971–1950 m. N, LIM, G

herbacea (L.) Roxb. var. **herbacea**
Hedyotis herbacea L. (2)
Hedyotis heynii (G.Don) Sond. (2)
Annual, occ. perennial. Herb. Ht 0.12–0.3 m. Alt 20–1980 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

herbacea (L.) Roxb. var. **suffruticosa** Bremek.
Annual, occ. perennial. Herb. Ht ± 0.6 m. Alt ± 1065 m. LIM, M

hirtula (Sond.) Kuntze = **O. rupicola** var. **hirtula**

junodii Schinz = **O. rupicola** var. **rupicola**

lancifolia (Schumach.) DC. var. **scabridula** Bremek.
Perennial. Herb. Ht up to 0.4 m. Alt 880–1405 m. N, B, LIM, M

lasiocarpa (Klotzsch) Hiern = **Kohautia caespitosa** subsp. **brachyloba**

merenskyana Dinter ex Bremek. = **Amphiasma merenskyanum**

muscosa Bremek.
Perennial. Herb. Ht ± 0.05 m. Alt 1300–2500 m. LIM, S

natalensis (Hochst.) Kuntze = **Conostomium natalense** var. **natalense**

omahekensis K.Krause = **Kohautia cynanchica**

rogersii S.Moore = **O. rupicola** var. **rupicola**

rosulata K.Schum. var. **rosulata**
Annual. Herb. Ht ± 0.17 m. Alt 90–980 m. B, FS, KZN, EC

rupicola (Sond.) Kuntze var. **hirtula** (Sond.) Bremek.
Hedyotis hirtula Sond. (2)
O. hirtula (Sond.) Kuntze (2)
O. schlechteri Schinz (2)
Perennial. Herb. Ht up to 0.1 m. Alt ± 260 m. S, KZN

rupicola (Sond.) Kuntze var. *parvifolia* Bremek. = **O. rupicola** var. **rupicola**

rupicola (Sond.) Kuntze var. **rupicola**
Hedyotis rupicola Sond. (2)
O. junodii Schinz (4)
O. rogersii S.Moore (2)
O. rupicola (Sond.) Kuntze var. *parvifolia* Bremek. (4)
Perennial. Herb. Ht 0.1–0.2 m. Alt 915–2045 m. LIM, NW, G, M, S, KZN, EC

schlechteri Schinz = **O. rupicola** var. **hirtula**

sordida K.Krause = **Kohautia subverticillata** subsp. **subverticillata**

tenella (Hochst.) Kuntze
Hedyotis tenella Hochst. (2)
Perennial. Herb. Length up to 0.3 m. Alt 185–1830 m. LIM, NW, G, M, KZN, EC

trichotoma Schinz = **Amphiasma divaricatum**

trothae K.Krause = **Kohautia subverticillata** subsp. **subverticillata**

virgata (Willd.) DC. = **Kohautia virgata**

zoutpansbergensis Bremek. = **Conostomium zoutpansbergense**

OTIOPHORA Zucc. 8450000

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 315–324.
(2) Puff. 1981. *Journal of South African Botany* 47: 297–329.
(3) Puff. 1989. *FZ* 5,1: 142–150.
(4) Retief & Herman. 1997. *Strelitzia* 6: 585, 586.

calycophylla (Sond.) Schltr. & K.Schum. subsp. **calycophylla**
Anthospermum calycophyllum Sond. (2)
O. hebe Verdc. (2)
Perennial. Herb. Ht 0.15–0.3 m. Alt 430–1800 m. LIM, NW, G, KZN

calycophylla (Sond.) Schltr. & K.Schum. subsp. **verdcourtii** Puff
Perennial. Herb. Ht 0.2–0.45 m. Alt 800–1800 m. LIM, G, M

cupheoides N.E.Br.
O. densiflora Baer (2)
O. hirsuta Baer (2)
Perennial. Dwarf shrub, herb. Ht 0.17–1 m. Alt 860–1700 m. LIM, NW, M, S

densiflora Baer = **O. cupheoides**

hebe Verdc. = **O. calycophylla** subsp. **calycophylla**

hirsuta Baer = **O. cupheoides**

OXYANTHUS DC. 8293000

(1) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 526–537.
(2) Retief & Herman. 1997. *Strelitzia* 6: 586.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1060–1062.

gerrardii Sond. = **O. speciosus** subsp. **gerrardii**

latifolius Sond.
O. schlechteri K.Schum. (1)
Perennial. Shrub. Ht 1–5 m. Alt 60–155 m. KZN

natalensis Sond. = **O. pyriformis** subsp. **pyriformis**

pyriformis (Hochst.) Skeels subsp. **pyriformis**
O. natalensis Sond. (1)
Perennial. Tree, shrub. Ht 3–10 m. Alt 60–585 m. S, KZN

schlechteri K.Schum. = **O. latifolius**

speciosus DC. subsp. **gerrardii** (Sond.) Bridson
O. gerrardii Sond. (1)
Perennial. Tree, shrub. Ht 3–12 m. Alt 155–1980 m. LIM, M, S, KZN, EC

speciosus DC. subsp. **stenocarpus** (K.Schum.) Bridson
O. stenocarpus K.Schum. (1)
Perennial. Tree, shrub. Ht 2–6 m. Alt 3–1585 m. LIM, M

stenocarpus K.Schum. = **O. speciosus** subsp. **stenocarpus**

OXYSPERMUM Eckl. 8435010

asperum Eckl. & Zeyh. = **Galopina aspera**

PACHYSTIGMA Hochst. 8359000

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 117–131.
(2) Robyns. 1937. *Bothalia* 3: 183, 184.
(3) Boshoff. 1987. *'n Taksonomiese hersiening van die genus* Pachystigma *in Suider-Afrika*. Unpublished M.Sc. thesis, University of Pretoria, Pretoria.
(4) Kok *et al.* 1989. *South African Journal of Botany* 55: 560–563.
(5) Retief & Herman. 1997. *Strelitzia* 6: 586.
(6) Bridson. 1998. *FZ* 5,2: 241–245.
(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1104–1106.

bowkeri Robyns
Perennial. Shrub. Ht 2–3 m. Alt 1000–1600 m. KZN

caffrum (Sim) Robyns = **P. macrocalyx**

coeruleum Robyns (insufficiently known) (3)

cymosum Robyns = **P. venosum**

humilis Bews = **Pygmaeothamnus chamaedendrum** var. **chamaedendrum**

latifolium Sond.
Vangueria latifolia (Sond.) Sond. (1)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 10–1830 m. M, S, KZN

macrocalyx (Sond.) Robyns
P. caffrum (Sim) Robyns (3)
Vangueria caffra Sim (3)
Vangueria macrocalyx Sond. (1)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 30–1980 m. LIM, NW, M, S, KZN, EC

pygmaeum (Schltr.) Robyns
Vangueria pygmaea Schltr. (1)
Vangueria setosa Conrath (1)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 15–1950 m. LIM, NW, G, M, S, FS, KZN

thamnus Robyns
Perennial. Dwarf shrub. Ht 0.07–0.1 m. Alt 1160–2076 m. LIM, NW, G, M, FS, KZN

triflorum Robyns
Perennial. Shrub. Ht 1–5 m. Alt 550–1730 m. LIM

venosum Hochst.
P. cymosum Robyns (3)
Vangueria venosa (Hochst.) Sond. (1)
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 60–1450 m. LIM, M, S, KZN

zeyheri Sond. = **Pygmaeothamnus zeyheri** var. **zeyheri**

PAEDERIA L. 8430000

(1) Puff. 1986. *FSA* 31,1,2: 1–3.
(2) Bridson. 1989. *FZ* 5,1: 63–66.
(3) Retief & Herman. 1997. *Strelitzia* 6: 586, 587.

bojeriana (A.Rich.) Drake subsp. **foetens** (Hiern) Verdc.
P. foetens (Hiern) K.Schum. (1)
Perennial. Shrub, climber. Ht indefinite. Alt 460–490 m. LIM

foetens (Hiern) K.Schum. = **P. bojeriana** subsp. **foetens**

PAVETTA L. 8383000

(1) Vorster. 1978. *The Flowering Plants of Africa* 44: t. 1750.
(2) Kok & Grobbelaar. 1984. *South African Journal of Botany* 3: 185–187.
(3) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 619–686.
(4) Retief & Herman. 1997. *Strelitzia* 6: 587, 588.
(5) Hahn. 1999. *Bothalia* 29: 107–109.
(6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1109–1124.

albanensis Bremek. = **P. capensis** subsp. **capensis**

alexandrae Bremek. = **P. lanceolata**

assimilis Sond. var. *assimilis* = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *glabra* Bremek. = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *glabra-brevituba* Bremek. = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *pubescens* Bremek. = **P. gardeniifolia** var. **subtomentosa**

assimilis Sond. var. *pubescens-brevituba* Bremek. = **P. gardeniifolia** var. **subtomentosa**

barbertonensis Bremek.
Perennial. Tree, shrub. Ht 0.4–2.5 m. Alt 610–1525 m. LIM, M, S

bowkeri Harv.
P. bowkeri Harv. var. *pubescens* Bremek. (2)
P. gerrardii Harv. (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 10–1500 m. KZN, EC

bowkeri Harv. var. *glabra* Bremek. = **P. natalensis**

bowkeri Harv. var. *pubescens* Bremek. = **P. bowkeri**

breyeri Bremek. = **P. gracilifolia**

capensis (Houtt.) Bremek. subsp. **capensis**
P. albanensis Bremek. (2)
P. mbumbulensis Bremek. (2)
P. pallida Bremek. (2)
P. suurbergensis Bremek. (2)
P. urbis-reginae Bremek. (2)
Perennial. Shrub. Ht 1.5–4 m. Alt 10–2010 m. KZN, NC, EC

capensis (Houtt.) Bremek. subsp. **komghensis** (Bremek.) Kok
P. durbanensis Bremek. (2)
P. komghensis Bremek. (2)
Perennial. Tree, shrub, climber. Ht 1–3 m. Alt 15–1730 m. KZN, EC

cataractarum S.Moore
Perennial. Shrub. Ht 0.5–4.5 m. Alt 300–500 m. N, B

catophylla K.Schum.
P. catophylla K.Schum. var. *glabra* Bremek. (2)
P. catophylla K.Schum. var. *pubescens* Bremek. (2)
Perennial. Shrub. Ht 0.6–1 m. Alt 60–441 m. LIM, M, S, KZN

catophylla K.Schum. var. *glabra* Bremek. = **P. catophylla**

catophylla K.Schum. var. *pubescens* Bremek. = **P. catophylla**

cooperi Harv. & Sond.
P. haegarthii Bremek. (2)
Perennial. Tree, shrub. Ht 0.6–3 m. Alt 825–2135 m. LIM, G, M, S, KZN, L, EC

delagoensis Bremek. = **P. gracilifolia**

dissimilis Bremek. = **P. zeyheri**

durbanensis Bremek. = **P. capensis** subsp. **komghensis**

edentula Sond.
Perennial. Tree, shrub. Ht 2–5 m. Alt 245–1370 m. M, S, KZN

eylesii S.Moore
Perennial. Tree, shrub. Ht 2–3.5 m. Alt 121–1540 m. B, LIM, NW, G, M, S

galpinii Bremek.
Perennial. Shrub. Ht 0.5–2 m. Alt 15–1900 m. M, S, KZN, EC

gardeniifolia A.Rich. var. **gardeniifolia**
P. assimilis Sond. var. *assimilis* (2)
P. assimilis Sond. var. *glabra* Bremek. (2)
P. assimilis Sond. var. *glabra-brevituba* Bremek. (2)
Perennial. Tree, shrub. Ht 1.2–7 m. Alt 379–1650 m. N, B, LIM, NW, G, M, KZN

gardeniifolia A.Rich. var. **subtomentosa** K.Schum.
P. assimilis Sond. var. *pubescens* Bremek. (2)
P. assimilis Sond. var. *pubescens-brevituba* Bremek. (2)
P. heidelbergensis Bremek. (2)
Perennial. Tree, shrub. Ht 1.2–7 m. Alt 503–1830 m. N, B, LIM, NW, G, M, KZN

gerrardii Harv. = **P. bowkeri**

gerstneri Bremek.
Perennial. Tree. Ht 2.5–5 m. Alt 68–80 m. S, KZN

gracilifolia Bremek.
P. breyeri Bremek. (2)
P. delagoensis Bremek. (2)
P. woodii Bremek. (2)

Perennial. Shrub. Ht 0.4–3 m. Alt 15–1980 m. LIM, M, S, KZN, EC

haegarthii Bremek. = **P. cooperi**

harborii S.Moore
P. marlothii Bremek. (2)
Perennial. Shrub. Ht 2.5–6 m. Alt 795–1097 m. B, LIM, NW

heidelbergensis Bremek. = **P. gardeniifolia** var. **subtomentosa**

hirtiflora Bremek. = **P. trichardtensis**

inandensis Bremek.
P. rattrayi Bremek. (2)
Perennial. Tree, shrub. Ht 3–8 m. Alt 15–2075 m. LIM, G, M, S, KZN, EC

inconspicua Dinter ex Bremek. = **P. zeyheri**

komghensis Bremek. = **P. capensis** subsp. **komghensis**

kotzei Bremek.
Perennial. Shrub. Ht 0.3–2.5 m. Alt 620–1920 m. LIM, M, KZN, EC

lanceolata Eckl.
P. alexandrae Bremek. (2)
P. tristis Bremek. (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 15–1205 m. LIM, M, S, KZN, EC

lasiopeplus K.Schum. = **P. zeyheri**

luteola Stapf = **Tarenna luteola**

marlothii Bremek. = **P. harborii**

mbumbulensis Bremek. = **P. capensis** subsp. **capensis**

microlancea K.Schum. = **P. zeyheri**

middelburgensis Bremek. = **P. zeyheri**

natalensis Sond.
P. bowkeri Harv. var. *glabra* Bremek. (2)
P. suluensis Bremek. (2)
Perennial. Tree, shrub. Ht 1.2–4 m. Alt 15–1100 m. KZN, EC

pallida Bremek. = **P. capensis** subsp. **capensis**

pseudo-zeyheri Bremek. = **P. zeyheri**

rattrayi Bremek. = **P. inandensis**

revoluta Hochst.
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 5–120 m. G, KZN, EC

schumanniana F.Hoffm. ex K.Schum.
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 60–1538 m. N, B, LIM, M, S, KZN

suluensis Bremek. = **P. natalensis**

suurbergensis Bremek. = **P. capensis** subsp. **capensis**

trichardtensis Bremek.
P. hirtiflora Bremek. (2)
P. zoutpansbergensis Bremek. (2)
Perennial. Tree, shrub. Ht 1–3 m. Alt 885–1649 m. LIM

tristis Bremek. = **P. lanceolata**

tshikondeni N.Hahn
Perennial. Shrub. Ht up to 2 m. Alt ± 500 m. LIM

urbis-reginae Bremek. = **P. capensis** subsp. **capensis**

woodii Bremek. = **P. gracilifolia**

zeyheri Sond.
P. dissimilis Bremek. (2)
P. inconspicua Dinter ex Bremek. (2)
P. lasiopeplus K.Schum. (2)
P. microlancea K.Schum. (2)
P. middelburgensis Bremek. (2)
P. pseudo-zeyheri Bremek. (2)
Perennial. Tree, shrub. Ht 0.7–3 m. Alt 118–1715 m. N, B, LIM, NW, G, M, FS

zoutpansbergensis Bremek. = **P. trichardtensis**

PENTANISIA Harv. 8348000

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 167–174.
(2) Verdcourt. 1989. *FZ* 5,1: 57–63.
(3) Retief & Herman. 1997. *Strelitzia* 6: 588.

angustifolia (Hochst.) Hochst.
P. variabilis Harv. var. *glaucescens* Cruse ex Sond. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 15–2000 m. LIM, NW, G, M, S, FS, KZN, L, EC

prunelloides (Klotzsch ex Eckl. & Zeyh.) Walp. subsp. **latifolia** (Hochst.) Verdc.
P. variabilis Harv. var. *latifolia* (Hochst.) Sond. (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 10–2135 m. LIM, G, M, S, FS, KZN, L, EC

prunelloides (Klotzsch ex Eckl. & Zeyh.) Walp. subsp. **prunelloides**
P. variabilis Harv. var. *intermedia* Sond. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 15–2200 m. LIM, G, M, S, FS, KZN, L, NC, EC

sykesii Hutch. subsp. **otomerioides** Verdc.
Perennial. Herb, procumbent. Ht 0.15 m. Alt 1060–1300 m. LIM

variabilis Harv. var. *glaucescens* Cruse ex Sond. = **P. angustifolia**

variabilis Harv. var. *intermedia* Sond. = **P. prunelloides** subsp. **prunelloides**

variabilis Harv. var. *latifolia* (Hochst.) Sond. = **P. prunelloides** subsp. **latifolia**

PENTAS Benth. 8154000

(1) Verdcourt. 1953. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 23: 237–371.
(2) Verdcourt 1976. *The Flowering Plants of Africa* 43: t. 1690.
(3) Bridson. 1989. *FZ* 5,1: 66–78.
(4) Retief & Herman. 1997. *Strelitzia* 6: 588.

angustifolia (A.Rich. ex DC.) Verdc.
P. transvaalensis Baer (1)
P. woodii Scott-Elliot (1)
Perennial. Herb. Ht 0.3–1 m. Alt 840–960 m. LIM, M

micrantha Baker subsp. **wyliei** (N.E.Br.) Verdc.
P. wyliei N.E.Br. (1)
Biennial. Herb. Ht 0.45–1 m. Alt 15–460 m. S, KZN

transvaalensis Baer = **P. angustifolia**

woodii Scott-Elliot = **P. angustifolia**

wyliei N.E.Br. = **P. micrantha** subsp. **wyliei**

PENTODON Hochst. 8136180

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 263–266.
(2) Verdcourt. 1989. *FZ* 5,1: 116–118.
(3) Retief & Herman. 1997. *Strelitzia* 6: 588, 589.

pentandrus (Schumach. & Thonn.) Vatke var. **minor** Bremek.
Hedyotis pentamera Sond. (1)
Annual. Herb. Ht 0.18–1.3 m. Alt 5–460 m. LIM, M, S, KZN

pentandrus (Schumach. & Thonn.) Vatke var. **pentandrus**
Annual. Herb. Ht 0.2–1.5 m. Alt 152–940 m. N, B, LIM

PHYLOHYDRAX Puff 8467010

(1) Puff. 1986. *Plant Systematics and Evolution* 154: 343–366.
(2) Bridson. 1989. *FZ* 5,1: 162.

carnosa (Hochst.) Puff
Hydrophylax carnosa (Hochst.) Sond. (1)
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 1–5 m. NW, S, KZN, WC, EC

PLECTRONIA DC. 8352040

chamaedendrum Kuntze = **Pygmaeothamnus chamaedendrum** var. **chamaedendrum**

ciliata (Klotzsch) Sond. = **Canthium ciliatum**

fragrantissima K.Schum. = **Psydrax fragrantissima**

gilfillanii N.E.Br. = **Canthium gilfillanii**

junodii Burtt Davy = **Psydrax livida**

locuples K.Schum. = **Psydrax locuples**

mundiana (Cham. & Schltdl.) Pappe = **Canthium mundianum**

pauciflora Klotzsch = **Canthium kuntzeanum**

spinosa Klotzsch = **Canthium spinosum**

PLECTRONIELLA Robyns 8352010

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 26–109.
(2) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 258.
(3) Herman. 1991. *The Flowering Plants of Africa* 51: t. 2029.
(4) Retief & Herman. 1997. *Strelitzia* 6: 589.
(5) Bridson. 1998. *FZ* 5,2: 337–339.
(6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1095.

armata (K.Schum.) Robyns
Vangueria armata K.Schum. (1)
Perennial. Tree, shrub. Ht up to 8 m. Alt 60–1065 m. LIM, G, M, S, KZN

capillaris Bremek. (insufficiently known) (2)

PSYCHOTRIA L. 8399000

(1) Petit. 1964. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 34: 1–299.
(2) Verdcourt. 1989. *FZ* 5,1: 9–31.
(3) Retief & Herman. 1997. *Strelitzia* 6: 589.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1126–1129.

capensis (Eckl.) Vatke subsp. **capensis** var. **capensis**
Grumilea capensis (Eckl.) Sond. (1)
Grumilea capensis (Eckl.) Sond. var. *angustifolia* Sond. (1)
Perennial. Tree, shrub. Ht 2–4 m. Alt 5–1625 m. LIM, M, S, KZN, EC

capensis (Eckl.) Vatke subsp. **capensis** var. **pubescens** (Sond.) E.M.A.Petit
Grumilea capensis (Eckl.) Sond. var. *pubescens* Sond. (1)
Perennial. Shrub. Ht 2–3.5 m. Alt 600–2170 m. KZN

zombamontana (Kuntze) E.M.A.Petit
Grumilea kirkii Hiern (1)
Uragoga zombamontana Kuntze (1)
Perennial. Tree, shrub. Ht 1.5–5 m. Alt 700–1980 m. LIM, M, KZN

PSYDRAX Gaertn. 8352030

(1) Bridson. 1985. *Kew Bulletin* 40: 687–725.
(2) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 892–908.
(3) Retief & Herman. 1997. *Strelitzia* 6: 589, 590.
(4) Bridson. 1998. *FZ* 5,2: 345–362.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1096–1100.

fragrantissima (K.Schum.) Bridson
Plectronia fragrantissima K.Schum. (1)
Perennial. Shrub. Ht 1–3.5 m. Alt 85–90 m. KZN

livida (Hiern) Bridson
Canthium huillense Hiern (1)
Canthium lividum Hiern (1)
Canthium wildii (Suess.) Codd (1)
Plectronia junodii Burtt Davy (1)
Perennial. Tree, shrub. Ht 3–6 m. Alt 379–1675 m. N, B, LIM, NW, G, M

locuples (K.Schum.) Bridson
Canthium locuples (K.Schum.) Codd (1)
Plectronia locuples K.Schum. (1)
Perennial. Tree, shrub. Ht 2–6 m. Alt 6–1730 m. LIM, S, KZN

obovata (Eckl. & Zeyh.) Bridson subsp. **elliptica** Bridson
Perennial. Tree, shrub. Ht 3–7 m. Alt 400–1800 m. KZN, EC

obovata (Eckl. & Zeyh.) Bridson subsp. **obovata**
Canthium obovatum Eckl. & Zeyh. (1)
Canthium obovatum Eckl. & Zeyh. var. *pyrifolium* (Eckl. & Zeyh.) Sond. (1)
Perennial. Tree. Ht 1.5–8 m. Alt 5–1830 m. LIM, M, S, KZN, WC, EC

PYGMAEOTHAMNUS Robyns 8351020

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 28–37.
(2) Codd. 1961. *Journal of the South African Biological Society* 2: 8–17.
(3) Retief & Herman. 1997. *Strelitzia* 6: 590.

chamaedendrum (Kuntze) Robyns var. **chamaedendrum**
Fadogia humilis J.M.Wood & M.S.Evans (1)
Pachystigma humilis Bews (1)
Plectronia chamaedendrum Kuntze (1)
Perennial. Dwarf shrub. Ht 0.08–0.2 m. Alt 885–2134 m. LIM, G, M, KZN

chamaedendrum (Kuntze) Robyns var. **setulosus** Robyns
P. longipes Robyns (2)
P. pilosus Robyns (2)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 915–1950 m. G, M, S, FS, KZN

longipes Robyns = **P. chamaedendrum** var. **setulosus**

pilosus Robyns = **P. chamaedendrum** var. **setulosus**

zeyheri (Sond.) Robyns var. *oatesii* Robyns = **P. zeyheri** var. **zeyheri**

zeyheri (Sond.) Robyns var. **rogersii** Robyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1330–1900 m. LIM, NW, G, M

zeyheri (Sond.) Robyns var. **zeyheri**
Pachystigma zeyheri Sond. (1)
P. zeyheri (Sond.) Robyns var. *oatesii* Robyns (2)
Vangueria zeyheri (Sond.) Sond. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 915–2000 m. N, B, LIM, NW, G, M

PYROSTRIA Comm. ex Juss. 8355000

(1) Bridson. 1987. *Kew Bulletin* 42: 611–630.
(2) Bridson. 1991. *FTEA* Rubiaceae: 885–892.
(3) Retief & Herman. 1997. *Strelitzia* 6: 590.
(4) Bridson. 1998. *FZ* 5,2: 340–345.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1102, 1103.

hystrix (Bremek.) Bridson
Dinocanthium hystrix Bremek. (1)

Perennial. Shrub. Ht 1–3 m. Alt 155–700 m. LIM, M, S, KZN

RANDIA L. 8283000

brachythamnus K.Schum. = **Gardenia brachythamnus**

fischeri K.Schum. = **Rothmannia fischeri** subsp. **fischeri**

kraussii Harv. = **Catunaregam obovata**

rudis E.Mey. ex Harv. = **Coddia rudis**

*RICHARDIA L. 8464000

(1) Lewis & Oliver. 1974. *Brittonia* 26: 271–301.
(2) Verdcourt. 1976. *FTEA* Rubiaceae: 377–380.
(3) Verdcourt. 1989. *FZ* 5,1: 190–193.
(4) Retief & Herman. 1997. *Strelitzia* 6: 590.

brasiliensis Gomes
Richardsonia brasiliensis (Gomes) Hayne (1)
Perennial. Herb. Ht ± 0.2 m. Alt 1–1500 m. LIM, NW, G, M, S, FS, KZN, EC

humistrata (Cham. & Schltdl.) Steud.
Richardsonia humistrata Cham. & Schltdl. (1)
Perennial. Herb. Ht up to 0.2 m. Alt 700–1800 m. LIM, G, FS, EC

scabra L.
Richardsonia scabra (L.) A.St.-Hil. in part (1)
Annual. Herb, procumbent. Length up to 0.3 m. Alt 50–650 m. M, KZN, EC

stellaris (Cham. & Schltdl.) Steud.
Richardsonia stellaris Cham. & Schltdl. (1)
Perennial. Herb. Ht ± 0.01 m. Alt ± 1520 m. KZN

RICHARDSONIA Kunth 8464010

brasiliensis (Gomes) Hayne = **Richardia brasiliensis**

humistrata Cham. & Schltdl. = **Richardia humistrata**

scabra (L.) A.St.-Hil. in part = **Richardia scabra**

stellaris Cham. & Schltdl. = **Richardia stellaris**

RONDELETIA L. 8173000

febrifuga Afzel. ex G.Don = **Crossopteryx febrifuga**

ROTHMANNIA Thunb. 8285010

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 14.
(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 657.
(3) Keay. 1958. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 28: 47–57.
(4) Bridson. 1984. *Kew Bulletin* 39: 67–72.
(5) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 511–519.
(6) Retief & Herman. 1997. *Strelitzia* 6: 590.
(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1056–1059.

capensis Thunb.
Gardenia rothmannia L.f. (3)
Perennial. Tree. Ht 3–7 m. Alt 5–1859 m. B, LIM, NW, G, M, S, KZN, WC, EC

fischeri (K.Schum.) Bullock subsp. **fischeri**
Randia fischeri K.Schum. (4)
Perennial. Tree, shrub. Ht 2–8 m. Alt 460–1525 m. LIM, KZN

fischeri (K.Schum.) Bullock subsp. **moramballae** (Hiern) Bridson
Gardenia annae E.P.Wright var. *moramballae* Hiern (4)
R. fischeri of author, not of (K.Schum.) Bullock (4)
Perennial. Tree. Ht 1.5–5 m. Alt ± 90 m. KZN

fischeri of author, not of (K.Schum.) Bullock = **R. fischeri** subsp. **moramballae**

globosa (Hochst.) Keay
Gardenia globosa Hochst. (3)
Perennial. Tree. Ht 2–8 m. Alt 15–1500 m. LIM, M, S, KZN, EC

microphylla (K.Schum.) J.G.García = **Hyperacanthus microphyllus**

RUBIA L. 8489000

(1) Puff. 1986. *FSA* 31,1,2: 61–65.
(2) Verdcourt. 1989. *FZ* 5,1: 193–195.
(3) Retief & Herman. 1997. *Strelitzia* 6: 591.

conotricha Gand. = **R. cordifolia** subsp. **conotricha**

cordifolia L. subsp. **conotricha** (Gand.) Verdc.
R. conotricha Gand. (1)
Perennial. Herb. Ht 1.5–5 m. Alt 5–2075 m. LIM, M, S, FS, KZN, L, WC, EC

horrida (Thunb.) Puff
Galium horridum Thunb. (1)
R. petiolaris DC. var. *heterophylla* Sond. (1)
Perennial. Herb. Ht 1.3–3 m. Alt 1160–1800 m. N, LIM, NW, G, M, S, FS, KZN, L

petiolaris DC.
R. petiolaris DC. var. *isophylla* Sond. (1)
Perennial. Scrambler. Ht indefinite. Alt 30–2125 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

petiolaris DC. var. *heterophylla* Sond. = **R. horrida**

petiolaris DC. var. *isophylla* Sond. = **R. petiolaris**

RYTIGYNIA Blume 8351040

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 132.
(2) Verdcourt. 1987. *Kew Bulletin* 42: 145–186.
(3) Bridson. 1998. *FZ* 5,2: 284–301.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1081–1083.

celastroides (Baill.) Verdc. var. **australis** Verdc.
Perennial. Shrub. Ht ± 2 m. Alt 50–130 m. KZN

umbellulata (Hiern) Robyns
Vangueria umbellulata Hiern (1)
Perennial. Tree, shrub. Ht 1–5 m. Alt ± 900 m. B

SERICANTHE Robbr. 8308020

(1) Robbrecht. 1978. *Bulletin du Jardin Botanique National de Belgique* 48: 3–78.
(2) Retief & Herman. 1997. *Strelitzia* 6: 591.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1070, 1071.

andongensis (Hiern) Robbr. var. **andongensis**
Neorosea andongensis (Hiern) Hallé (1)
Tricalysia andongensis Hiern (1)
Tricalysia legatii Hutch. (1)
Perennial. Tree, shrub. Ht 1.5–6 m. Alt 730–1550 m. LIM

*SHERARDIA L. 8482000

(1) Ball. 1976. *Flora europaea* 4: 3.

arvensis L.
Annual. Herb, procumbent. Ht up to 0.1 m. Alt 300–1450 m. S, EC

SPERMACOCE Gaertn. 8475000

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 339–374.
(2) Verdcourt. 1989. *FZ* 5,1: 165–188.

(3) Retief & Herman. 1997. *Strelitzia* 6: 591.

deserti N.E.Br.
Perennial. Herb. Ht ± 0.3 m. Alt 950–1160 m. NW

natalensis Hochst.
Borreria natalensis (Hochst.) S.Moore (1)
Diodia natalensis (Hochst.) J.G.García (1)
Perennial. Herb. Ht 0.2–0.7 m. Alt 13–1300 m. LIM, NW, G, M, S, KZN, L, EC

quadrisulcata (Bremek.) Verdc.
Borreria paludosa Hepper (1)
Borreria quadrisulcata Bremek. (1)
Annual. Herb. Ht ± 0.5 m. Alt ± 900 m. N, B

senensis (Klotzsch) Hiern
Borreria scabra of author, not of (Schumach. & Thonn.) K.Schum. (1)
Borreria squarrosa Schinz (1)
Mitracarpum dregeanum Harv. & Sond. (1)
Annual. Herb. Ht 0.2–5 m. Alt 300–1460 m. N, B, LIM, NW, M, S, KZN

subvulgata (K.Schum.) J.G.García var. **subvulgata**
Annual, occ. perennial. Herb. Ht? Alt? N

STYLOCORYNE Wight & Arn. 8385000

barbertonensis Bremek. = **Coptosperma supra-axillare**

TAPIPHYLLUM Robyns 8351030

parvifolium (Sond.) Robyns = **Vangueria parvifolia**

TARENNA Gaertn. 8278000

(1) Bremekamp. 1934. *Feddes Repertorium* 37: 1–208.
(2) Bridson. 1979. *Kew Bulletin* 34: 377–401.
(3) Verdcourt & Bridson. 1988. *FTEA* Rubiaceae: 584–603.
(4) Retief & Herman. 1997. *Strelitzia* 6: 591, 592.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1042–1047.

barbertonensis (Bremek.) Bremek. = **Coptosperma supra-axillare**

junodii (Schinz) Bremek.
Chomelia junodii Schinz (1)
Perennial. Shrub. Ht 1.8–4 m. Alt 15–90 m. S, KZN

littoralis (Hiern) Bridson = **Coptosperma littorale**

luteola (Stapf) Bremek.
Pavetta luteola Stapf (1)
Perennial. Shrub. Ht 2–4 m. Alt ± 1000 m. N, B

nigrescens (Hook.f.) Hiern = **Coptosperma nigrescens**

pavettoides (Harv.) Sim subsp. **pavettoides**
Kraussia pavettoides Harv. (3)
Webera pavettoides (Harv.) Benth. & Hook.f. (4)
Perennial. Tree, shrub. Ht 3–10 m. Alt 7–550 m. S, KZN, EC

supra-axillaris (Hemsl.) Bremek. = **Coptosperma supra-axillare**

supra-axillaris (Hemsl.) Bremek. subsp. *barbertonensis* (Bremek.) Bridson = **Coptosperma supra-axillare**

zimbabwensis Bridson = **Coptosperma rhodesiacum**

zygoon Bridson = **Coptosperma zygoon**

TRICALYSIA A.Rich. ex DC. 8308000

(1) Robbrecht. 1979. *Bulletin du Jardin Botanique National de Belgique* 49: 239–360.
(2) Robbrecht. 1985. *South African Journal of Botany* 51: 331–334.
(3) Robbrecht. 1987. *Bulletin du Jardin Botanique National de Belgique* 57: 39–208.
(4) Retief & Herman. 1997. *Strelitzia* 6: 592.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1063–1070.

africana (Sim) Robbr.
Diplospora africana Sim (2)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt ± 300 m. EC

allenii (Stapf) Brenan var. *australis* (Schweick.) Brenan = **T. junodii** var. **junodii**

allenii (Stapf) Brenan var. *kirkii* (Hook.f.) Brenan = **T. junodii** var. **kirkii**

andongensis Hiern = **Sericanthe andongensis** var. **andongensis**

cacondensis Hiern
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 1075–1280 m. N, B, NW

capensis (Meisn. ex Hochst.) Sim var. **capensis**
Bunburya capensis Meisn. ex Hochst. (3)
Perennial. Tree, shrub. Ht 2–5 m. Alt 15–1370 m. LIM, M, KZN, EC

capensis (Meisn. ex Hochst.) Sim var. **galpinii** (Schinz) Robbr.
T. galpinii Schinz (3)
Perennial. Tree, shrub. Ht 2–5 m. Alt 860–1980 m. LIM, M, S

capensis (Meisn. ex Hochst.) Sim var. **transvaalensis** Robbr.
Perennial. Tree, shrub. Ht 2–5 m. Alt 915–1970 m. LIM, M, S

delagoensis Schinz
Perennial. Shrub. Ht ± 3 m. Alt 15–120 m. S, KZN

galpinii Schinz = **T. capensis** var. **galpinii**

junodii (Schinz) Brenan var. **junodii**
T. allenii (Stapf) Brenan var. *australis* (Schweick.) Brenan (1)
Perennial. Shrub. Ht 0.5–4 m. Alt 10–1920 m. B, LIM, M, S, KZN

junodii (Schinz) Brenan var. **kirkii** (Hook.f.) Robbr.
T. allenii (Stapf) Brenan var. *kirkii* (Hook.f.) Brenan (1)
Perennial. Shrub. Ht 0.5–4 m. Alt 312–915 m. N, B, LIM

lanceolata (Sond.) Burtt Davy
Kraussia lanceolata Sond. (1)
Perennial. Tree, shrub. Ht up to 6 m. Alt 15–1980 m. LIM, NW, G, M, S, KZN, EC

legatii Hutch. = **Sericanthe andongensis** var. **andongensis**

sonderiana Hiern
Kraussia coriacea Sond. (1)
Perennial. Tree, shrub. Ht up to 6 m. Alt 5–155 m. S, KZN

URAGOGA Baill. 8399010

zombamontana Kuntze = **Psychotria zombamontana**

VANGUERIA Comm. ex Juss. 8351000

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 273–311.
(2) Verdcourt. 1981. *Kew Bulletin* 36: 547–556.
(3) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 848–858.
(4) Hahn. 1997. *Bothalia* 27: 45–48.
(5) Retief & Herman. 1997. *Strelitzia* 6: 592, 593.
(6) Bridson. 1998. *FZ* 5,2: 245–257.
(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1074–1080.

armata K.Schum. = **Plectroniella armata**

caffra Sim = **Pachystigma caffrum**

chartacea Robyns = **V. randii** subsp. **chartacea**

cyanescens Robyns
Perennial. Tree, shrub. Ht 1–4.5 m. Alt ± 1000 m. N, B

dryadum S.Moore = **Lagynias dryadum**

esculenta S.Moore
Perennial. Shrub. Ht 2–10 m. Alt 630–1770 m. N, LIM, G, M

floribunda Robyns = **V. madagascariensis**

infausta Burch. subsp. **infausta**
V. tomentosa Hochst. (2)
Perennial. Tree. Ht 2–7 m. Alt 20–3333 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

lasiantha (Sond.) Sond. = **Lagynias lasiantha**

lasioclados K.Schum. = **V. proschii**

lateritia Dinter = **Vangueriopsis lanciflora**

latifolia (Sond.) Sond. = **Pachystigma latifolium**

macrocalyx Sond. = **Pachystigma macrocalyx**

madagascariensis J.F.Gmel.
V. floribunda Robyns (2)
Perennial. Tree, shrub. Ht 1.5–15 m. Alt 65–1525 m. LIM, G, M, S, KZN

parvifolia Sond.
Tapiphyllum parvifolium (Sond.) Robyns (6)
Perennial. Tree. Ht up to 6 m. Alt 410–1830 m. B, S

proschii Briq.
V. lasioclados K. Schum. (7)
Perennial. Shrub. Ht ± 2 m. Alt 1000–1500 m. N, B

pygmaea Schltr. = **Pachystigma pygmaeum**

randii S.Moore subsp. **chartacea** (Robyns) Verdc.
V. chartacea Robyns (2)
Perennial. Tree, shrub. Ht 1.21–7 m. Alt 5–610 m. S, KZN

setosa Conrath = **Pachystigma pygmaeum**

soutpansbergensis N.Hahn
Perennial. Shrub. Ht up to 2.5 m. Alt ± 1440 m. LIM

tomentosa Hochst. = **V. infausta** subsp. **infausta**

umbellulata Hiern = **Rytigynia umbellulata**

venosa (Hochst.) Sond. = **Pachystigma venosum**

zeyheri (Sond.) Sond. = **Pygmaeothamnus zeyheri** var. **zeyheri**

VANGUERIOPSIS Robyns 8351050

(1) Launert. 1966. *FSWA* 115: 27.
(2) Bridson. 1998. *FZ* 5,2: 304–306.
(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1083, 1084.

lanciflora (Hiern) Robyns ex R.D.Good
Canthium lanciflorum Hiern (1)
Vangueria lateritia Dinter (1)
Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 915–1370 m. N, B

WEBERA Schreb. 8278010

pavettoides (Harv.) Benth. & Hook.f. = **Tarenna pavettoides** subsp. **pavettoides**

XEROMPHIS Raf. 8283080

obovata (Hochst.) Keay = **Catunaregam obovata**

rudis (E.Mey. ex Harv.) Codd = **Coddia rudis**

ZYGOON Hiern 8294000

graveolens Hiern = **Coptosperma zygoon**

RUTACEAE

Compiled by J.E. Victor, M. Jordaan & R.H. Archer

ACMADENIA Bartl. & H.L.Wendl. 4040000

(1) Williams. 1982. *Journal of South African Botany* 48: 169–240.

alternifolia Cham.
Perennial. Shrub or dwarf shrub. Ht 0.7–1 m. Alt 60–180 m. WC

argillophila I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1000 m. WC

assimilis Sond. = **Euchaetis laevigata**

baileyensis I.Williams
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 1000–1300 m. WC

barosmoides Dummer = **Phyllosma barosmoides**

bodkinii (Schltr.) Strid
Adenandra bodkinii Schltr. (1)
Perennial. Shrub, dwarf shrub. Ht 0.7–0.8 m. Alt 1200–1500 m. WC

burchellii Dummer
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 600–1200 m. WC

candida I.Williams
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 1000–1200 m. WC

cucullata E.Mey. ex Sond. = **A. mundiana**

densifolia Sond.
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt 100–300 m. WC

diosmoides Schltr. = **Euchaetis diosmoides**

faucitincta I.Williams
Perennial. Shrub. Ht? Alt 1000–1600 m. WC

flaccida Eckl. & Zeyh.
Perennial. Shrub. Ht 0.7–1 m. Alt 320–700 m. WC

fruticosa I.Williams
Perennial. Shrub. Ht 0.7–0.8 m. Alt 600–1200 m. WC

gracilis Compton, not of Dummer, illegitimate name = **A. sheilae**

gracilis Dummer
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 500–1000 m. WC

heterophylla P.E.Glover
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 20–100 m. WC

juniperina Bartl. & H.L.Wendl. = **A. obtusata**

kiwanensis I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 120–130 m. EC

laevigata Sond. = **Euchaetis laevigata**

latifolia I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–800 m. WC

laxa I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 100–300 m. WC

macradenia (Sond.) Dummer
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 600–1000 m. WC

macropetala (P.E.Glover) Compton
Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 200–400 m. WC

maculata I.Williams
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 600–800 m. WC

marlothii Dummer = **Agathosma rudolphii**

matroosbergensis E.Phillips
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 1100–1900 m. WC

mundiana Eckl. & Zeyh.
A. cucullata E.Mey. ex Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.8–1.2 m. Alt 60–200 m. WC

muraltioides Eckl. & Zeyh. = **A. obtusata**

nivea I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1200–1600 m. WC

nivenii Sond.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–100 m. WC

obtusata (Thunb.) Bartl. & H.L.Wendl.
A. juniperina Bartl. & H.L.Wendl. (1)
A. muraltioides Eckl. & Zeyh. (1)
A. uniflora (E.Phillips) E.Phillips (1)
Euchaetis uniflora E.Phillips (1)
Macrostylis patersoniae Schönland (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 10–300 m. WC

patentifolia I.Williams
Perennial. Shrub. Ht 0.6–1 m. Alt 900–1200 m. WC

psilopetala Sond. = **A. trigona**

pungens Bartl. & H.L.Wendl. = **Euchaetis pungens**

rosmarinifolia Bartl. = **Agathosma rosmarinifolia**

rourkeana I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 950–1400 m. WC

rupicola I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 800–850 m. WC

sheilae I.Williams
A. gracilis Compton, not of Dummer, illegitimate name (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1200 m. WC

strobilina E.Mey. = **A. tetragona**

tenax I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1300–1700 m. WC

teretifolia (Link) E.Phillips
Diosma teretifolia Link (1)
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 800–2300 m. WC

tetracarpellata I.Williams
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 1000–1250 m. WC

tetragona (L.f.) Bartl. & H.L.Wendl.
A. strobilina E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 300–800 m. WC

trigona (Eckl. & Zeyh.) Druce
A. psilopetala Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 300–700 m. WC

uniflora (E.Phillips) E.Phillips = **A. obtusata**

wittebergensis (Compton) I.Williams
Diosma wittebergensis Compton (1)
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 800–1600 m. WC

ADENANDRA Willd. 4038000

(1) Strid. 1972. *Opera Botanica* 32: 1–112.

acuta Schltr.
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 900–1500 m. WC

amoena (Lodd.) Bartl. & H.L.Wendl. = **A. villosa** subsp. **orbicularis**

biseriata E.Mey. ex Bartl. & H.L.Wendl. = **A. villosa** subsp. **biseriata**

bodkinii Schltr. = **Acmadenia bodkinii**

brachyphylla Schltdl.
A. brachyphylla Schltdl. var. *heterophylla* Sond. (1)
A. brachyphylla Schltdl. var. *isophylla* Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 80–900 m. WC

brachyphylla Schltdl. var. *glandulosa* Sond. = **A. villosa** subsp. **sonderi**

brachyphylla Schltdl. var. *heterophylla* Sond. = **A. brachyphylla**

brachyphylla Schltdl. var. *isophylla* Sond. = **A. brachyphylla**

calycina (Tausch) Steud. = **A. villosa** subsp. **sonderi**

ciliata Sond. = **A. villosa** subsp. **sonderi**

coriacea Licht. ex Roem. & Schult.
A. coriacea Licht. ex Roem. & Schult. var. *oblongifolia* Sond. (1)
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 600–1900 m. WC

coriacea Licht. ex Roem. & Schult. var. *oblongifolia* Sond. = **A. coriacea**

cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *glabra* Sond. = **A. villosa** subsp. **villosa**

cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *villosa* (P.J.Bergius) Sond. = **A. villosa** subsp. **villosa**

dahlgrenii Strid
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 1100–700 m. WC

fragrans (Sims) Roem. & Schult.
A. fragrans (Sims) Roem. & Schult. var. *amoena* (Lodd.) Bartl. & H.L.Wendl., not *Diosma amoena* Lodd. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 300–1400 m. WC

fragrans (Sims) Roem. & Schult. var. *amoena* (Lodd.) Bartl. & H.L.Wendl., not *Diosma amoena* Lodd. = **A. fragrans**

glandulosa Roem. & Schult. = **A. villosa** subsp. **umbellata**

gracilis Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 900–1600 m. WC

gummifera Strid
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 150–300 m. WC

humilis Eckl. & Zeyh. var. *glabra* Sond. = **A. marginata** subsp. **humilis**

humilis Eckl. & Zeyh. var. *imbricata* Sond. = **A. marginata** subsp. **humilis**

humilis Eckl. & Zeyh. var. *pubescent* Sond. = **A. marginata** subsp. **humilis**

lasiantha Sond.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–430 m. WC

linifolia Bartl. = **A. marginata** subsp. **humilis**

marginata (L.f.) Roem. & Schult. subsp. **humilis** (Eckl. & Zeyh.) Strid
A. humilis Eckl. & Zeyh. var. *glabra* Sond. (1)
A. humilis Eckl. & Zeyh. var. *imbricata* Sond. (1)
A. humilis Eckl. & Zeyh. var. *pubescent* Sond. (1)
A. linifolia Bartl. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 150–600 m. WC

marginata (L.f.) Roem. & Schult. subsp. **marginata**
A. marginata (L.f.) Roem. & Schult. var. *angustata* Sond. (1)
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 450–1600 m. WC

marginata (L.f.) Roem. & Schult. subsp. **mucronata** Strid
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1000 m. WC

marginata (L.f.) Roem. & Schult. subsp. **serpyllacea** (Bartl.) Strid
A. serpyllacea Bartl. (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 160–600 m. WC

marginata (L.f.) Roem. & Schult. var. *angustata* Sond. = **A. marginata** subsp. **marginata**

multiflora Strid
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 160–500 m. WC

mundiifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 300–1200 m. WC

obtusata Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 10–250 m. WC

odoratissima Strid subsp. **odoratissima**
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–250 m. WC

odoratissima Strid subsp. **tenuis** Strid
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 50 m. WC

ovata Thunb. in part = **A. villosa** subsp. **sonderi**

pubescens Sond. = **A. villosa** subsp. **orbicularis**

rotundifolia Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 70–190 m. WC

schlechteri Dummer
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 60–120 m. WC

serpyllacea Bartl. = **A. marginata** subsp. **serpyllacea**

sonderi Dummer = **A. villosa** subsp. **sonderi**

sub-pubescens Sond. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. var. *glandulosa* (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. var. *speciosa* (Sims) Bartl. & H.L.Wendl. = **A. villosa** subsp. **umbellata**

uniflora (L.) Willd.
A. uniflora (L.) Willd. var. *linearis* (Thunb.) Sond. (1)
A. uniflora (L.) Willd. var. *pubescens* Sond. (1)
Diosma uniflora L. (1)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 10–1300 m. WC

uniflora (L.) Willd. var. *linearis* (Thunb.) Sond. = **A. uniflora**

uniflora (L.) Willd. var. *pubescens* Sond. = **A. uniflora**

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **apiculata** Strid
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–1200 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **biseriata** (E.Mey. ex Bartl. & H.L.Wendl.) Strid
A. biseriata E.Mey. ex Bartl. & H.L.Wendl. (1)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–900 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **imbricata** Strid
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1200–1800 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **orbicularis** Strid
A. amoena (Lodd.) Bartl. & H.L.Wendl. (1)
A. pubescens Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–520 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **pedicellata** Strid
Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 900–1000 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **robusta** Strid
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 30–610 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **sonderi** (Dummer) Strid
A. brachyphylla Schltdl. var. *glandulosa* Sond. (1)
A. calycina (Tausch) Steud. (1)

A. ciliata Sond. (1)
A. ovata Thunb. in part (1)
A. sonderi Dummer (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 160–600 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **umbellata** (J.C.Wendl.) Strid
A. glandulosa Roem. & Schult. (1)
A. sub-pubescens Sond. (1)
A. umbellata (J.C.Wendl.) Willd. (1)
A. umbellata (J.C.Wendl.) Willd. var. *glandulosa* (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
A. umbellata (J.C.Wendl.) Willd. var. *speciosa* (Sims) Bartl. & H.L. Wendl. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.9 m. Alt 600–1100 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **villosa**
A. cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *glabra* Sond. (1)
A. cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *villosa* (P.J.Bergius) Sond. (1)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–2000 m. WC

viscida Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 10–350 m. WC

AGATHOSMA Willd. 4037000

(1) Pillans. 1950. *Journal of South African Botany* 16: 55–117.
(2) Williams. 1973. *Journal of South African Botany* 39: 179–183.
(3) Williams. 1975. *Journal of South African Botany* 41: 239–268.
(4) Spreeth. 1976. *Journal of South African Botany* 42: 109–120.
(5) Williams. 1982. *Journal of South African Botany* 48: 403.
(6) Williams. 1985. *South African Journal of Botany* 51: 149–151.

abrupta Pillans
Perennial. Dwarf shrub. Ht? Alt up to 250 m. WC

acerosa Eckl. & Zeyh. = **A. bisulca**

acocksii Pillans
Perennial. Dwarf shrub. Ht? Alt 800–1400 m. WC

acutifolia Sond. = **A. recurvifolia**

acutissima Dummer
Perennial. Dwarf shrub. Ht? Alt up to 800 m. EC

adenandriflora Schltr.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–2000 m. WC

adenocaulis Kuntze = **A. hirta**

adnata Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1600–2000 m. WC

aemula Schltr.
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt up to 1300 m. WC

affinis Sond.
Perennial. Dwarf shrub. Ht? Alt 1500–1200 m. WC

alaris Cham.
Perennial. Dwarf shrub. Ht? Alt up to 300 m. WC

alligans Williams
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 1000–1500 m. WC

alpina Schltr.
Perennial. Dwarf shrub. Ht? Alt ± 2100 m. WC

alticola Schltr. ex Dummer
Perennial. Dwarf shrub. Ht? Alt 1000–1900 m. WC

anomala E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht? Alt 900–2200 m. WC

apiculata G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt up to 300 m. WC, EC

asperifolia Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt ± 1200 m. WC

barnesiae Compton
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 700–2100 m. WC

barosmaefolia Eckl. & Zeyh. = **A. bisulca**

barosmoides Sond. = **A. puberula**

bathii (Dummer) Pillans
Barosma bathii Dummer (1)
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt ± 1500–2000 m. WC

betulina (P.J.Bergius) Pillans
Barosma betulina Bartl. & H.L.Wendl. (1)
Hartogia betulina P.J.Bergius (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 800–2000 m. WC

bicolor Dummer
Perennial. Dwarf shrub. Ht? Alt 200–500 m. WC

bicornuta R.A.Dyer
Perennial. Dwarf shrub. Ht? Alt? EC

bifida (Jacq.) Bartl. & H.L.Wendl.
A. gracilicaulis Sond. (1)
A. lediformis Eckl. & Zeyh. (1)
A. montana Schltdl. (1)
A. monticola Sond. (1)
A. nigromontana Eckl. & Zeyh. (1)
A. struthioloides Dummer (1)
A. umbellata (Thunb.) Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 5–1900 m. WC

bisulca (Thunb.) Bartl. & H.L.Wendl.
A. acerosa Eckl. & Zeyh. (1)
A. barosmaefolia Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt 30–1000 m. NC, WC

blaerioides Cham. & Schltdl.
Perennial. Dwarf shrub. Ht 0.4–1.3 m. Alt 400–1000 m. WC, EC

bodkinii Dummer
Perennial. Dwarf shrub. Ht? Alt ± 5 m. WC

burchellii Dummer = **A. foetidissima**

capensis (L.) Dummer
A. chortophila Eckl. & Zeyh. (1)
A. decumbens Eckl. & Zeyh. (1)
A. delicatula Compton (1)
A. erecta (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
A. ericoides Schltdl. (1)
A. fastigiata Eckl. & Zeyh. (1)
A. gillivrayi Sond. (1)
A. hirtella Sond. (1)
A. lactea Schltr. (1)
A. muizenbergensis Dummer (1)
A. neglecta Dummer (1)
A. nigra Eckl. & Zeyh. (1)
A. patula G.Mey. (1)
A. platypetala Eckl. & Zeyh. (1)
A. tenuis Sond. (1)
A. variabilis Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 15–1800 m. NC, WC, EC

capitata Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

cedrimontana Dummer
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

cephalodes E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

cerefolium (Vent.) Bartl. & H.L.Wendl.
A. melaleucoides Sond. (1)
A. microphylla G.Mey. ex Bartl. & H.L.Wendl. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 15–1500 m. WC

chortophila Eckl. & Zeyh. = **A. capensis**

ciliaris (L.) Druce
A. rugosa (Thunb.) Link (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 5–900 m. WC

ciliata (L.) Link
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 180–760 m. WC

clavisepala R.A.Dyer
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 120–400 m. EC

collina Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–1000 m. WC

commutata Sond. = **A. virgata**

concava Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

conferta Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

cordifolia Pillans
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 90–900 m. WC

corymbosa (Montin) G.Don
A. ventenatiana (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
Diosma corymbosa Montin (1)
Perennial. Dwarf shrub. Ht? Alt? WC

craspedota Sond.
A. denticulata Dummer (1)
A. utilis Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC

crassifolia Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

crenulata (L.) Pillans
Barosma crenulata Hook. (1)
Perennial. Shrub. Ht 1–3 m. Alt 200–1700 m. WC

crenulata (L.) Pillans in part = **A. serratifolia**

cuspidata (J.C.Wendl.) Bartl. & H.L.Wendl. = **A. serpyllacea**

decora Dummer = **A. pentachotoma**

decumbens Eckl. & Zeyh. = **A. capensis**

decurrens Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC

delicatula Compton = **A. capensis**

dentata Pillans
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC

denticulata Dummer = **A. craspedota**

dielsiana Schltr. ex Dummer
Perennial. Shrub, dwarf shrub. Ht 0.2–1.7 m. Alt 5–185 m. WC

distans Pillans
Perennial. Shrub. Ht 0.6–1 m. Alt 900–1100 m. WC

divaricata Pillans
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 1460 m. WC

dodii Dummer = **A. serpyllacea**

dregeana Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? WC

eckloniana Schltdl. = **A. serpyllacea**

elata Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

elegans Cham. & Schltdl.
A. pubescens Sond., not of Willd., also not of G.Don (1)
Perennial. Shrub. Ht 0.7–0.9 m. Alt 300–1000 m. WC

erecta (J.C.Wendl.) Bartl. & H.L.Wendl. = **A. capensis**

eriantha (Steud.) Steud.
A. schlechtendalii Sond. (1)
A. viscida Dummer (1)
Perennial. Shrub. Ht 0.5–1.7 m. Alt 15–610 m. WC

ericoides Schltdl. = **A. capensis**

esterhuyseniae Pillans
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? WC

fastigiata Eckl. & Zeyh. = **A. capensis**

filamentosa Schltr. = **A. serpyllacea**

filipetala Eckl. & Zeyh. = **A. stenopetala**

florida Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

florulenta Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

foetidissima (Bartl. & H.L.Wendl.) Steud.
A. burchellii Dummer (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 70–300 m. WC

foleyana Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

foliosa Sond. = **A. marifolia**

fraudulenta Sond.
Perennial. Dwarf shrub. Ht? Alt? Distr.?

froemblingii Dummer = **A. spinescens**

geniculata Pillans
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt ± 140 m. WC

gibbosa Dummer = **A. serpyllacea**

giftbergensis E.Phillips
Perennial. Dwarf shrub. Ht? Alt? WC

gillivrayi Sond. = **A. capensis**

glabrata Bartl. & H.L.Wendl.
A. villosa Willd. (1)
Perennial. Dwarf shrub. Ht? Alt? WC

glandulosa (Thunb.) Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

gnidiiflora Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

gnidioides Schltdl. = **A. puberula**

gonaquensis Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? EC

gracilicaulis Sond. = **A. bifida**

hirsuta Pillans
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1500 m. WC

hirta (Lam.) Bartl. & H.L.Wendl.
A. adenocaulis Kuntze (1)
Perennial. Dwarf shrub. Ht? Alt? EC

hirtella Sond. = **A. capensis**

hispida (Thunb.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC

hookeri Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

humilis Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

imbricata (L.) Willd.
A. lycopodioides Bartl. & H.L.Wendl. (1)
Perennial. Dwarf shrub. Ht? Alt? WC

insignis (Compton) Pillans
Barosma insignis Compton (1)
Perennial. Shrub. Ht 1.1–1.4 m. Alt 600–800 m. WC

involucrata Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC

joubertiana Schltdl.
Perennial. Dwarf shrub. Ht? Alt? WC

juniperifolia Bartl.
Perennial. Shrub, dwarf shrub. Ht up to 2.4 m. Alt 30–610 m. WC

kougaense Pillans
Perennial. Dwarf shrub. Ht? Alt up to 1000 m. EC

krakadouwensis Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

lactea Schltr. = **A. capensis**

lanceolata (L.) Engl.
A. perdita Hutch.
A. wrightii MacOwan (1)
Perennial. Dwarf shrub. Ht? Alt? WC

lancifolia Eckl. & Zeyh.
Perennial. Ht? Alt? WC

latipetala Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

lediformis Eckl. & Zeyh. = **A. bifida**

leptospermoides Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

linifolia (Roem. & Schult.) Licht. ex Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC

longicornu Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

lycopodioides Bartl. & H.L.Wendl. = **A. imbricata**

marifolia Eckl. & Zeyh.
A. foliosa Sond. (1)
Perennial. Dwarf shrub. Ht? Alt? WC

marlothii Dummer
Perennial. Shrub. Ht 0.4–0.9 m. Alt 1000–2200 m. WC

martiana Sond.
Perennial. Dwarf shrub. Ht? Alt? EC

melaleucoides Sond. = **A. cerefolium**

microcalyx Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

microcarpa (Sond.) Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

microphylla G.Mey. ex Bartl. & H.L.Wendl. = **A. cerefolium**

minuta Schltdl.
Perennial. Dwarf shrub. Ht? Alt? WC

mirabilis Pillans
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? WC

mixta Dummer = **A. peglerae**

montana Schltdl. = **A. bifida**

monticola Sond. = **A. bifida**

mucronulata Sond.
A. mucronulata Sond. var. *rudolphii* Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? EC

mucronulata Sond. var. *rudolphii* Dummer = **A. mucronulata**

muirii E.Phillips
Perennial. Dwarf shrub. Ht? Alt? WC

muizenbergensis Dummer = **A. capensis**

mundtii Cham. & Schltdl.
A. nivenii Sond. (1)
A. sonderiana Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC

namaquensis Pillans
Perennial. Dwarf shrub. Ht? Alt? NC

neglecta Dummer = **A. capensis**

nigra Eckl. & Zeyh. = **A. capensis**

nigromontana Eckl. & Zeyh. = **A. bifida**

nivenii Sond. = **A. mundtii**

odoratissima (Montin) Pillans
Barosma latifolia (L.f.) Roem. & Schult. (1)
Barosma pulchra Cham. & Schltdl. (1)
Diosma odoratissima Montin (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 600–2000 m. WC

orbicularis (Thunb.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC

ovalifolia Pillans
A. punctata Sond., not of G.Don (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1400 m. WC, EC?

ovata (Thunb.) Pillans
Barosma acutata Sond. (1)
Barosma oblonga (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
Barosma ovata (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
Barosma scoparia Eckl. & Zeyh. (1)
Diosma ovata Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 0–2000 m. KZN, L, WC, EC

pallens Pillans
Perennial. Dwarf shrub. Ht? Alt? WC

parviflora (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. virgata**

pattisoniae Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

patula G.Mey. = **A. capensis**

peglerae Dummer
A. mixta Dummer (1)

Perennial. Dwarf shrub. Ht? Alt? EC

pentachotoma E.Mey. ex Sond.
A. decora Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC

perdita Hutch. = **A. lanceolata**

phillipsii Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

pilifera Schltdl.
Perennial. Dwarf shrub. Ht? Alt? EC

planifolia Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

platypetala Eckl. & Zeyh. = **A. capensis**

propinqua Sond.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

puberula (Steud.) Fourc.
A. barosmoides Sond. (1)
A. gnidioides Schltdl. (1)
Perennial. Dwarf shrub. Ht 1–1.5 m. Alt up to 1200 m. EC

pubescens Sond., not of Willd., also not of G.Don = **A. elegans**

pubigera Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

pulchella (L.) Link
Barosma pulchella (L.) Bartl. & H.L.Wendl. (1)
Perennial. Dwarf shrub. Ht? Alt? WC

punctata Sond., not of G.Don = **A. ovalifolia**

pungens (E.Mey. ex Sond.) Pillans
Barosma pungens E.Mey. ex Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

purpurea Pillans
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt up to 2000 m. WC

recurvifolia Sond.
A. acutifolia Sond. (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC

rehmanniana Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

riversdalensis Dummer
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? WC

robusta Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC

roodebergensis Compton
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt? WC

rosmarinifolia (Bartl.) I.Williams
Acmadenia rosmarinifolia Bartl. (2)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 580–800 m. WC

rubra Willd. & Licht. ex Bartl. & H.L.Wendl. = **A. serpyllacea**

rubricaulis Dummer
Perennial. Shrub. Ht ± 1 m. Alt? WC

rudolphii I.Williams
Acmadenia marlothii Dummer (3)
Perennial. Dwarf shrub. Ht? Alt? WC

rugosa (Thunb.) Link = **A. ciliaris**

sabulosa Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

salina Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC

scaberula Dummer
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 150–400 m. WC

schlechtendalii Sond. = **A. eriantha**

sedifolia Schltdl.
Perennial. Dwarf shrub. Ht? Alt? WC

serpyllacea Licht. ex Roem. & Schult.
A. cuspidata (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
A. dodii Dummer (1)
A. eckloniana Schltdl. (1)
A. filamentosa Schltr. (1)
A. gibbosa Dummer (1)
A. rubra Willd. & Licht. ex Bartl. & H.L.Wendl. (1)
Diosma eckloniana (Schltdl.) D.Dietr. (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC

serratifolia (Curtis) Spreeth
A. crenulata (L.) Pillans in part (4)
Barosma serratifolia (Vent.) Willd. (4)
Perennial. Dwarf shrub. Ht? Alt? WC

sladeniana P.E.Glover
Perennial. Dwarf shrub. Ht? Alt? WC

sonderiana Dummer = **A. mundtii**

spinescens Dummer
A. froemblingii Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC

spinosa Sond.
Perennial. Dwarf shrub. Ht? Alt? WC

squamosa (Roem. & Schult.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 790–1600 m. WC

stenopetala (Steud.) Steud.
A. filipetala Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht? Alt? EC

stenosepala Pillans
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? WC

stilbeoides Dummer
Perennial. Dwarf shrub. Ht? Alt? WC

stipitata Pillans
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt 790–1400 m. WC

stokoei Pillans
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt ± 915 m. WC

struthioloides Dummer = **A. bifida**

subteretifolia Pillans
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt? WC

tabularis Sond.
Barosma pulchella (L.) Bartl. & H.L.Wendl. var. *tabularis* Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC

tenuis Sond. = **A. capensis**

thymifolia Schltdl.
Perennial. Dwarf shrub. Ht? Alt? WC

trichocarpa Holmes
Perennial. Dwarf shrub. Ht? Alt? WC

tulbaghensis Dummer
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt? WC

umbellata (Thunb.) Sond. = **A. bifida**

umbonata Pillans
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt ± 1100–1600 m. WC

unicarpellata (Fourc.) Pillans
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? EC

utilis Dummer = **A. craspedota**

variabilis Sond. = **A. capensis**

ventenatiana (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. corymbosa**

venusta (Eckl. & Zeyh.) Pillans
Perennial. Dwarf shrub. Ht? Alt? WC, EC

villosa Willd. = **A. glabrata**

virgata (Lam.) Bartl. & H.L.Wendl.
A. commutata Sond. (1)
A. parviflora (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
Diosma virgata Lam. (5)
Perennial. Shrub. Ht ± 1 m. Alt 300–2400 m. WC

viscida Dummer = **A. eriantha**

wrightii MacOwan = **A. lanceolata**

zwartbergense Pillans
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 1800–2200 m. WC

BAROSMA Wild 4036000

acutata Sond. = **Agathosma ovata**

bathii Dummer = **Agathosma bathii**

betulina Bartl. & H.L.Wendl. = **Agathosma betulina**

crenulata Hook. = **Agathosma crenulata**

insignis Compton = **Agathosma insignis**

latifolia (L.f.) Roem. & Schult. = **Agathosma odoratissima**

oblonga (Roem. & Schult.) Bartl. & H.L.Wendl. = **Agathosma ovata**

ovata (J.C.Wendl.) Bartl. & H.L.Wendl. = **Agathosma ovata**

pulchella (L.) Bartl. & H.L.Wendl. = **Agathosma pulchella**

pulchella (L.) Bartl. & H.L.Wendl. var. *tabularis* Dummer = **Agathosma tabularis**

pulchra Cham. & Schltdl. = **Agathosma odoratissima**

pungens E.Mey. ex Sond. = **Agathosma pungens**

scoparia Eckl. & Zeyh. = **Agathosma ovata**

serratifolia (Vent.) Willd. = **Agathosma serratifolia**

CALODENDRUM Thunb. 4035000

(1) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1041.
(2) Mendonça. 1963. *FZ* 2: 181–183.

capense (L.f.) Thunb.
Perennial. Tree. Ht 7–22 m. Alt 5–2000 m. LIM, NW, G, M, S, KZN, L, WC, EC

CITROPSIS (Engl.) Swingle & M.Kellerm. 4092010

(1) Mendonça. 1963. *FZ* 2: 193–195.

daweana Swingle & M.Kellerm.
Perennial. Tree or shrub. Ht 3–7 m. Alt 900–1100 m. N, B

CLAUSENA Burm.f. 4091000

(1) Mendonça. 1963. *FZ* 2: 191–193.
(2) Molino. 1994. *Bulletin du Muséum National d'Histoire Naturelle, Paris* 16: 129–132.

anisata (Willd.) Hook.f. ex Benth. var. **anisata**
C. anisata (Willd.) Hook.f. ex Benth. subsp. *abyssinica* (Engl.) Cufod. (2)
C. inaequalis (DC.) Benth. (1)
C. inaequalis (DC.) Benth. var. *abyssinica* Engl. (1)
Perennial. Tree or shrub. Ht 3–10 m. Alt 0–2200 m. LIM, M, S, FS, KZN, WC, EC

anisata (Willd.) Hook.f. ex Benth. subsp. *abyssinica* (Engl.) Cufod. = **C. anisata** var. **anisata**

inaequalis (DC.) Benth. = **C. anisata** var. **anisata**

inaequalis (DC.) Benth. var. *abyssinica* Engl. = **C. anisata** var. **anisata**

COLEONEMA Bartl. & H.L.Wendl. 4039000

(1) Williams. 1981. *Journal of South African Botany* 47: 63–102.

album (Thunb.) Bartl. & H.L.Wendl.
Perennial. Shrub, dwarf shrub. Ht 0.6–1.8 m. Alt 0–760 m. WC

aspalathoides Juss. ex Don
Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt 120–900 m. WC, EC

calycinum (Steud.) I.Williams
Perennial. Shrub. Ht 1.7–2.7 m. Alt 5–1200 m. WC

gracile Schltr. = **C. nubigenum**

juniperinum Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 120–1400 m. NC, WC

nubigenum Esterh.
C. gracile Schltr. (1)
Perennial. Shrub. Ht 0.7–1 m. Alt 900–1500 m. WC

pulchellum I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.7–1 m. Alt 0–200 m. WC, EC

pulchrum Hook.
Perennial. Shrub. Ht 0.7–1.3 m. Alt 300–1400 m. WC

virgatum (Schltdl.) Eckl. & Zeyh.
Perennial. Shrub. Ht 0.6–1.6 m. Alt 300–1200 m. WC

DIOSMA L. 4041000

(1) Williams. 1982. *Journal of South African Botany* 48: 329–407.

acmaeophylla Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.5–2.5 m. Alt 120–1800 m. NC, WC

ambigua Bartl. & H.L.Wendl. = **D. hirsuta**

apetala (Dummer) I.Williams
D. bolusii Glover (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 900–1700 m. WC, EC

arenicola I.Williams
Perennial. Shrub. Ht up to 1.5 m. Alt 5–180 m. WC

aristata I.Williams
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt up to 200 m. WC

aspalathoides Lam.
Perennial. Shrub. Ht 1–1.3 m. Alt 30–180 m. WC

awilana I.Williams

Perennial. Shrub. Ht 1–1.3 m. Alt 45–100 m. WC

bolusii Glover = **D. apetala**

corymbosa Montin = **Agathosma corymbosa**

decussata Lam. = **D. oppositifolia**

demissa I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–30 m. WC

dichotoma P.J.Bergius
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt 10–60 m. WC

echinulata I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 20–185 m. WC

eckloniana (Schltdl.) D.Dietr. = **Agathosma serpyllacea**

fallax I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 150–600 m. WC

guthriei P.E.Glover
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 10–100 m. WC

haelkraalensis I.Williams
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 80–200 m. WC

hirsuta L.
D. ambigua Bartl. & H.L.Wendl. (1)
D. longifolia J.C.Wendl. (1)
D. pectinata Thunb. (1)
D. rubra L. (1)
D. vulgaris Schltdl. (1)
D. vulgaris Schltdl. var. *hirsuta* (L.) Sond. (1)
D. vulgaris Schltdl. var. *longifolia* (J.C.Wendl.) Sond. (1)
D. vulgaris Schltdl. var. *rubra* Sond. (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 30–200 m. WC, EC

longifolia J.C.Wendl. = **D. hirsuta**

meyeriana Spreng.
D. virgata G.Mey. ex Bartl. & H.L.Wendl., not of Lam., illegitimate name (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 200–1500 m. WC

obtusifolia Sond. = **D. passerinoides**

odoratissima Montin = **Agathosma odoratissima**

oppositifolia L.
D. decussata Lam. (1)
D. succulenta P.J.Bergius var. *bergiana* Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 20–700 m. WC

ovata Thunb. = **Agathosma ovata**

parvula I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 60–270 m. WC

passerinoides Steud.
D. obtusifolia Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 40–900 m. WC, EC

pectinata Thunb. = **D. hirsuta**

pedicellata I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 15–600 m. WC

pilosa I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 450–1000 m. WC

prama I.Williams
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. Alt 200–1700 m. WC, EC

ramosissima Bartl. & H.L.Wendl.
Perennial. Shrub. Ht 1–1.7 m. Alt 120–1200 m. NC, WC

recurva Cham.
Perennial. Shrub, dwarf shrub. Ht 0.7–1 m. Alt 600–1200 m. WC

rourkei I.Williams
Perennial. Shrub. Ht 1–2 m. Alt 530–1500 m. EC

rubra L. = **D. hirsuta**

sabulosa I.Williams
Perennial. Shrub. Ht 0.7–1.4 m. Alt 15–280 m. WC

strumosa I.Williams
Perennial. Shrub. Ht 0.8–1.2 m. Alt 690–800 m. WC

subulata J.C.Wendl.
Perennial. Shrub. Ht 0.7–1.8 m. Alt 5–100 m. WC

succulenta P.J.Bergius var. *bergiana* Sond. = **D. oppositifolia**

tenella I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 10–180 m. WC

teretifolia Link = **Acmadenia teretifolia**

thyrsophora Eckl. & Zeyh.
Perennial. Shrub. Ht 1–3 m. Alt 200–1000 m. WC

uniflora L. = **Adenandra uniflora**

virgata G.Mey. ex Bartl. & H.L.Wendl., not of Lam., illegitimate name = **D. meyeriana**

virgata Lam. = **Agathosma virgata**

vulgaris Schltdl. = **D. hirsuta**

vulgaris Schltdl. var. *hirsuta* (L.) Sond. = **D. hirsuta**

vulgaris Schltdl. var. *longifolia* (J.C.Wendl.) Sond. = **D. hirsuta**

vulgaris Schltdl. var. *rubra* Sond. = **D. hirsuta**

wittebergensis Compton = **Acmadenia wittebergensis**

EMPLEURUM Sol. ex Aiton 4046000

(1) Williams. 1984. *Journal of South African Botany* 50: 425–434.

fragrans P.E.Glover
Perennial. Tree, shrub. Ht 1.5–2 m. Alt 940–1220 m. WC

serrulatum Sol. ex Aiton = **E. unicapsulare**

unicapsulare (L.f.) Skeels
E. serrulatum Sol. ex Aiton (1)
Perennial. Tree, shrub. Ht 0.3–5 m. Alt 24–1500 m. WC, EC

EUCHAETIS Bartl. & H.L.Wendl. 4043000

(1) Williams. 1981. *Journal of South African Botany* 47: 157–193.

albertiniana I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 60–300 m. WC

avisylvana I.Williams
Perennial. Shrub. Ht 0.5–1 m. Alt 300–600 m. WC

bolusii Dummer = **E. longibracteata**

burchellii Dummer
Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 30–250 m. WC

cristagalli I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 600–1220 m. EC

diosmoides (Schltr.) I.Williams
Acmadenia diosmoides Schltr. (1)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 100–350 m. WC

dubia Sond. = **Macrostylis cassiopoides** subsp. **cassiopoides**

dubia Sond. var. *dregeana* Sond. = **Macrostylis cassiopoides** subsp. **dregeana**

dubia Sond. var. *pauciflora* Sond. = **Macrostylis cassiopoides** subsp. **cassiopoides**

elata Eckl. & Zeyh.
Perennial. Shrub. Ht 0.7–1 m. Alt 200–1500 m. WC

elsieae I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 1000–2000 m. NC, WC

ericoides Dummer
Perennial. Shrub, dwarf shrub. Ht 0.4–0.7 m. Alt 600–1400 m. WC

esterhuyseniae I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt 1200–1900 m. WC

flexilis Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 600–1600 m. WC

glabra I.Williams
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 800–1350 m. WC

glomerata Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 480–1700 m. WC

intonsa I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–130 m. WC

laevigata Turcz.
Acmadenia assimilis Sond. (1)
Acmadenia laevigata Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 90–120 m. WC

linearis Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 360–1800 m. WC

longibracteata Schltr.
E. bolusii Dummer (1)
E. radiata Dummer (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 35–200 m. WC

longicornis I.Williams
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 240–250 m. WC

meridionalis I.Williams
Perennial. Shrub. Ht 0.9–1.5 m. Alt 15–60 m. WC

pungens (Bartl. & H.L.Wendl.) I.Williams
Acmadenia pungens Bartl. & H.L.Wendl. (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–0.7 m. Alt 210–760 m. WC

radiata Dummer = **E. longibracteata**

scabricosta I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 15–140 m. WC

schlechteri Schinz
Perennial. Dwarf shrub. Ht 0.25–0.35 m. Alt 120–300 m. WC

tricarpellata I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 490–640 m. WC

uniflora E.Phillips = **Acmadenia obtusata**

vallis-simiae I.Williams
Perennial. Shrub. Ht 0.7–1.2 m. Alt 900–1000 m. EC

FAGARA L. 3991000

capensis Thunb. = **Zanthoxylum capense**

davyi I.Verd. = **Zanthoxylum davyi**

humilis E.A.Bruce = **Zanthoxylum humile**

leprieurii (Guill. & Perr.) Engl. = **Zanthoxylum leprieurii**

magalismontana Engl. = **Zanthoxylum capense**

ovatifoliolata Engl. = **Zanthoxylum ovatifoliolatum**

thorncroftii I.Verd. = **Zanthoxylum thorncroftii**

HARTOGIA L. 4037010

betulina P.J.Bergius = **Agathosma betulina**

MACROSTYLIS Bartl. & H.L.Wendl. 4044000

(1) Williams. 1981. *Journal of South African Botany* 47: 373–403.

barbigera (L.f.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–900 m. WC

cassiopoides (Turcz.) I.Williams subsp. **cassiopoides**
Euchaetis dubia Sond. (1)
Euchaetis dubia Sond. var. *pauciflora* Sond. (1)
Perennial. Shrub. Ht 0.7–1.5 m. Alt 300–400 m. WC

cassiopoides (Turcz.) I.Williams subsp. **dregeana** (Sond.) I.Williams
Euchaetis dubia Sond. var. *dregeana* Sond. (1)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 65–180 m. WC

cauliflora I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 60–160 m. WC

crassifolia Sond.
M. crassifolia Sond. var. *affinis* Sond. (1)
Perennial. Shrub. Ht 0.7–1 m. Alt 30–330 m. WC

crassifolia Sond. var. *affinis* Sond. = **M. crassifolia**

decipiens E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 250–1500 m. WC

hirta E.Mey. ex Sond.
M. hirta E.Mey. ex Sond. var. *glabrata* Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 300–500 m. WC

hirta E.Mey. ex Sond. var. *glabrata* Sond. = **M. hirta**

lanceolata Bartl. & H.L.Wendl. = **M. villosa** subsp. **villosa**

ovata Sond. = **M. tenuis**

patersoniae Schönland = **Acmadenia obtusata**

ramulosa I.Williams
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 740–1000 m. WC

squarrosa Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 260–850 m. NC, WC

tenuis E.Mey. ex Sond.
M. ovata Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.9 m. Alt 200–1800 m. WC

villosa (Thunb.) Sond. subsp. **minor** I.Williams
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

villosa (Thunb.) Sond. subsp. **villosa**
M. lanceolata Bartl. & H.L.Wendl. (1)
M. villosa (Thunb.) Sond. var. *glabrata* Sond. (1)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 30–300 m. WC

villosa (Thunb.) Sond. var. *glabrata* Sond. = **M. villosa** subsp. **villosa**

ORICIA Pierre 4070000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 413–415.
(2) Mendonça. 1963. *FZ* 2: 195–197.
(3) Coates Palgrave. 1977. *Trees of southern Africa*: 345.

bachmannii (Engl.) I.Verd.
O. swynnertonii (Baker f.) I.Verd. (3)
O. transvaalensis I.Verd. (3)
Perennial. Tree. Ht 5–15 m. Alt 5–900 m. LIM, M, S, KZN, EC

swynnertonii (Baker f.) I.Verd. = **O. bachmannii**

transvaalensis I.Verd. = **O. bachmannii**

PHYLLOSMA Bolus ex Schltr. 4042000

(1) Williams. 1981. *Journal of South African Botany* 47: 755–760.

barosmoides (Dummer) I.Williams
Acmadenia barosmoides Dummer (1)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1500–1800 m. WC

capensis Bolus
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 750–1400 m. WC

PTAEROXYLON Eckl. & Zeyh. 4157000

(1) White & Styles. 1963. *FZ* 2: 547–550.
(2) White & Styles. 1986. *FSA* 18: 35–37.

obliquum (Thunb.) Radlk.
P. utile Eckl. & Zeyh. (1)
Perennial. Tree. Ht 0.1–30 m. Alt 30–1370 m. N, B, LIM, M, S, KZN, WC, EC

utile Eckl. & Zeyh. = **P. obliquum**

*RUTA L. 4012000

(1) Townsend. 1967. *Flora of Turkey* 2: 495, 496.
(2) Townsend. 1968. *Flora europaea* 2: 227.

graveolens L.
Perennial. Shrub, dwarf shrub, herb. Ht 0.7–1.5 m. Alt 50–950 m. M, NC, WC, EC

SHEILANTHERA I.Williams 4042010

(1) Williams. 1981. *Journal of South African Botany* 47: 761–764.

pubens I.Williams
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 1300–1600 m. WC

TECLEA Delile 4085000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 406–408.
(2) Mendonça. 1963. *FZ* 2: 205–209.
(3) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 232–234.

gerrardii I.Verd.
Perennial. Tree or shrub. Ht 1.5–6 m. Alt 15–550 m. S, KZN, EC

natalensis (Sond.) Engl.
Toddalia natalensis Sond. (2)
Perennial. Tree or shrub. Ht 1.5–8 m. Alt 2–1000 m. LIM, M, S, KZN, EC

pilosa (Engl.) I.Verd.
Vepris carringtoniana Mendonça (3)
Perennial. Shrub. Ht 1–4 m. Alt 100–320 m. LIM, M, S, KZN

THAMNOSMA Torr. & Frém. 4014000

(1) Mendonça. 1963. *FZ* 2: 181–209.

africana Engl.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 760–1850 m. N, LIM, M, NC

africana Engl. var. *rhodesica* Baker f. = **T. rhodesica**

rhodesica (Baker f.) Mendonça
T. africana Engl. var. *rhodesica* Baker f. (1)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt? B

TODDALIA Juss. 4077000

(1) Mendonça. 1963. *FZ* 2: 197–199.

aculeata Pers. = **T. asiatica**

asiatica (L.) Lam.
T. aculeata Pers. (1)
Perennial. Climbing shrub. Ht 1.5–12 m. Alt 300–1600 m. LIM, M, S

lanceolata Lam. = **Vepris lanceolata**

natalensis Sond. = **Teclea natalensis**

TODDALIOPSIS Engl. 4078000

(1) Verdoorn. 1935. *Kew Bulletin* 1935: 204.
(2) Mendonça. 1963. *FZ* 2: 205.

bremekampii I.Verd.
Perennial. Tree or shrub. Ht 1–6 m. Alt 45–1200 m. LIM, KZN

VEPRIS Comm. ex A.Juss. 4076000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 395.
(2) Mendonça. 1963. *FZ* 2: 199–205.
(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 404.

carringtoniana Mendonça = **Teclea pilosa**

lanceolata (Lam.) G.Don
Toddalia lanceolata Lam. (3)
V. undulata (Thunb.) I.Verd. & C.A.Sm., illegitimate name (3)
Perennial. Tree or shrub. Ht 1–5 m. Alt 5–1400 m. LIM, M, KZN, WC, EC

reflexa I.Verd.

Perennial. Tree or shrub. Ht 1–6 m. Alt 150–1500 m. B, LIM, G, M, S, KZN

termitaria Mendonça
Perennial. Tree or shrub. Ht 1–3 m. Alt? N

undulata (Thunb.) I.Verd. & C.A.Sm., illegitimate name = **V. lanceolata**

zambesiaca S.Moore
Perennial. Tree or shrub. Ht 1–3.5 m. Alt 0–1000 m. B

ZANTHOXYLUM L. 3991000

(1) Mendonça. 1963. *FZ* 2: 183–190.
(2) Killick. 1973. *The Flowering Plants of Africa* 42: t. 1671.
(3) Waterman. 1975. *Taxon* 24: 363–366.
(4) Ross. 1977. *Bothalia* 12: 258, 259.
(5) Coates Palgrave. 1977. *Trees of southern Africa*: 340–345.
(6) Retief & Finkelstein. 1979. *Bothalia* 12: 637.

capense (Thunb.) Harv.
Fagara capensis Thunb. (5)
Fagara magalismontana Engl. (5)
Perennial. Tree or shrub. Ht 4–10 m. Alt 5–2000 m. LIM, NW, G, M, S, FS, KZN, WC, EC

davyi (I.Verd.) P.G.Waterman
Fagara davyi I.Verd. (3)
Z. thunbergii DC. var. *grandifolia* Harv. (3)
Perennial. Tree. Ht 8–30 m. Alt 160–1900 m. LIM, M, S, KZN, WC, EC

humile (E.A.Bruce) P.G.Waterman
Fagara humilis E.A.Bruce (3)
Perennial. Shrub. Ht 0.9–2 m. Alt 270–770 m. LIM, M

leprieurii Guill. & Perr.
Fagara leprieurii (Guill. & Perr.) Engl. (4)
Perennial. Tree. Ht 5–8 m. Alt 10–700 m. LIM, M, S, KZN

natalense Hochst. ex C.Krauss = **Cnestis polyphylla**

ovatifoliolatum (Engl.) Finkelstein
Fagara ovatifoliolata Engl. (6)
Perennial. Shrub. Ht 1–3.5 m. Alt? N

thorncroftii (I.Verd.) P.G.Waterman
Fagara thorncroftii I.Verd. (3)
Perennial. Tree. Ht 3–9 m. Alt 750–1300 m. LIM, M

thunbergii DC. var. *grandifolia* Harv. = **Z. davyi**

SALICACEAE

Compiled by M. Jordaan

*POPULUS L. 1872000

(1) Eckenwalder. 1977. *Journal of the Arnold Arboretum* 58: 193–208.
(2) Wilmot-Dear. 1985. *FTEA* Salicaceae: 4–7.
(3) Meikle. 1989. *European garden flora* 3: 42–45.
(4) Henderson. 2001. *Alien weeds and invasive plants*: 137, 189–191.

alba L.
Perennial. Tree. Ht 3–16 m. Alt up to 1610 m. G, M, FS, L

×**canescens** (Aiton) Sm.
Perennial. Tree. Ht 6–20 m. Alt 150–1800 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

deltoides Marshall subsp. **deltoides**
Perennial. Tree. Ht 2–10 m. Alt 150–1800 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

nigra L. var. **italica** Münchh.
Perennial. Tree. Ht 3–30 m. Alt? NW, M, FS, KZN, L, NC, WC, EC

SALIX L. 1873000

(1) Seemen. *Botanische Jahrbücher* 45: 204–206.
(2) Immelman. 1987. *Bothalia* 17: 171–177.
(3) Meikle. 1989. *European garden flora* 3: 21–42.
(4) McKean. 1996. *Flora of the Arabian Peninsula and Socotra* 1: 83–85.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 121, 122.

*__babylonica__ L. var. **babylonica**
Perennial. Tree. Ht 4.5–18 m. Alt 305–1900 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

capensis Thunb. = **S. mucronata** subsp. **capensis**

capensis Thunb. var. *gariepina* (Burch.) Anderson = **S. mucronata** subsp. **capensis**

capensis Thunb. var. *mucronata* (Thunb.) Anderson = **S. mucronata** subsp. **mucronata**

*__caprea__ L.
Perennial. Tree. Ht 1–6 m. Alt 1000–1700 m. FS, KZN

*__fragilis__ L. var. **fragilis**
Perennial. Tree. Ht 1–6 m. Alt 300–2440 m. FS, KZN, L, EC

hirsuta Thunb. = **S. mucronata** subsp. **hirsuta**

hutchinsii Skan = **S. mucronata** subsp. **mucronata**

mucronata Thunb. subsp. **capensis** (Thunb.) Immelman
S. capensis Thunb. (2)
S. capensis Thunb. var. *gariepina* (Burch.) Anderson (2)
S. mucronata Thunb. var. *caffra* Burtt Davy (2)
S. mucronata Thunb. var. *integra* Burtt Davy (2)
Perennial. Tree. Ht 1–3 m. Alt 30–2125 m. N, NW, FS, KZN, L, NC, WC, EC

mucronata Thunb. subsp. **hirsuta** (Thunb.) Immelman
S. hirsuta Thunb. (2)
Perennial. Tree, shrub. Ht 1.5–3.6 m. Alt 300–700 m. NC, WC

mucronata Thunb. subsp. **mucronata**
S. capensis Thunb. var. *mucronata* (Thunb.) Anderson (2)
S. hutchinsii Skan (4)
S. safsaf Forssk. ex Trautv. (2)
S. subserrata Willd. (2)
S. subserrata Willd. var. *cyathipoda* (Andersson) Cufod. (4)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 81–1435 m. N, B

mucronata Thunb. subsp. *wilmsii* (Seemen) Immelman = **S. mucronata** subsp. **woodii**

mucronata Thunb. subsp. **woodii** (Seemen) Immelman
S. mucronata Thunb. subsp. *wilmsii* (Seemen) Immelman (5)
S. wilmsii Seemen (5)
S. woodii Seemen (2)
S. woodii Seemen var. *wilmsii* (Seemen) Skan (5)
Perennial. Tree. Ht 1–8 m. Alt 100–2134 m. LIM, NW, G, M, S, FS, KZN, L

mucronata Thunb. var. *caffra* Burtt Davy = **S. mucronata** subsp. **capensis**

mucronata Thunb. var. *integra* Burtt Davy = **S. mucronata** subsp. **capensis**

safsaf Forssk. ex Trautv. = **S. mucronata** subsp. **mucronata**

subserrata Willd. = **S. mucronata** subsp. **mucronata**

subserrata Willd. var. *cyathipoda* (Andersson) Cufod. = **S. mucronata** subsp. **mucronata**

wilmsii Seemen = **S. mucronata** subsp. **woodii**

woodii Seemen = **S. mucronata** subsp. **woodii**

woodii Seemen var. *wilmsii* (Seemen) Skan = **S. mucronata** subsp. **woodii**

SALVADORACEAE

Compiled by M. Jordaan

AZIMA Lam. 6444000

(1) Verdoorn. 1963. *FSA* 26: 129–132.
(2) Verdcourt. 1968. *FTEA* Salvadoraceae: 1–3.
(3) Vickery. 1983. *FZ* 7,1: 375.

pubescens Suess. = **Carissa edulis**

tetracantha Lam.
Perennial. Shrub, dwarf shrub or climber. Ht 0.4–8 m. Alt 5–1000 m. N, LIM, S, KZN, WC, EC

SALVADORA L. 6446000

(1) Verdoorn. 1963. *FSA* 26: 132–134.
(2) Verdcourt. 1968. *FTEA* Salvadoraceae: 7–9.
(3) Vickery. 1983. *FZ* 7,1: 377–380.

angustifolia Turrill var. *australis* (Schweick.) I.Verd. = **S. australis**

australis Schweick.
S. angustifolia Turrill var. *australis* (Schweick.) I.Verd. (3)
Perennial. Tree or shrub. Ht 1.5–7 m. Alt 25–795 m. LIM, S, KZN

persica L. var. **persica**
Perennial. Tree or scrambling shrub. Ht 1–6 m. Alt 30–600 m. N, B, LIM

persica L. var. **pubescens** Brenan
Perennial. Tree or scrambling shrub. Ht 1–6 m. Alt 300–1000 m. N, B, LIM

SANTALACEAE

Compiled by P.M. Burgoyne

COLPOON P.J.Bergius 2104000

compressum P.J.Bergius = **Osyris compressa**

speciosum (A.W.Hill) P.A.Bean = **Osyris speciosa**

EUONYMUS L. 4618000

colpoon Lam. = **Osyris compressa**

FUSANUS Murr. 2105000

compressus P.J.Bergius = **Osyris compressa**

OSYRIDICARPOS A.DC. 2116000

(1) Stauffer. 1961. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 106: 387–418.

natalensis A.DC. = **O. schimperianus**

schimperianus (Hochst. ex A.Rich.) A.DC.
O. natalensis A.DC. (1)
Perennial. Shrub. Ht 1–4 m. Alt up to 1980 m. LIM, M, S, KZN, EC

OSYRIS L. 2108000

(1) Sonder. 1857. Santalaceae. *Flora* 40: 364–368.
(2) Stauffer. 1961. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 106: 387–418.
(3) Merxmüller. 1969. *FSWA* 21: 1–5.
(4) Bean. 1990. *South African Journal of Botany* 56: 665–669.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 636.

abyssinica Hochst. ex A.Rich. = **O. lanceolata**

compressa (P.J.Bergius) A.DC.
Colpoon compressum P.J.Bergius (5)
Euonymus colpoon Lam. (1)
Fusanus compressus P.J.Bergius (1)
Thesium colpoon L.f. (1)
Perennial. Shrub. Ht up to 5 m. Alt 5–1980 m. KZN, WC, EC

lanceolata Hochst. & Steud.
O. abyssinica Hochst. ex A.Rich. (3)
Perennial. Shrub. Ht 1.5–4 m. Alt up to 3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

speciosa (A.W.Hill) J.C.Manning & Goldblatt
Colpoon speciosum (A.W.Hill) P.A.Bean (5)
Perennial. Shrub. Ht up to 2 m. Alt up to 300 m. WC

RHOIACARPOS A.DC. 2104010

(1) Stauffer. 1961. *Mitteilungen aus dem Botanischen Museum der Universität Zürich* 217: 387–418.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 405.

capensis (Harv.) A.DC.
Perennial. Shrub. Ht up to 0.6 m. Alt 0–300 m. KZN, WC, EC

THESIDIUM Sond. 2117000

(1) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 340, 341.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 405, 406.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 637.

exocarpaeoides Sond. = **T. fragile**

fragile (Thunb.) Sond.
T. exocarpaeoides Sond. (2)
T. microcarpum (A.DC.) A.DC. (3)
T. podocarpum (A.DC.) A.DC. (3)
T. thunbergii Sond. (2)
Thesium microcarpum A.DC. (3)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 20–350 m. WC, EC

fruticulosum A.W.Hill
T. longifolium A.W.Hill (1)
T. minus A.W.Hill (3)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1150 m. NC, WC

hirtum Sond.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 20–300 m. WC

leptostachyum (A.DC.) Sond.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 20–300 m. WC

longifolium A.W.Hill = **T. fruticulosum**

microcarpum (A.DC.) A.DC. = **T. fragile**

minus A.W.Hill = **T. fruticulosum**

podocarpum (A.DC.) A.DC. = **T. fragile**

thunbergii Sond. = **T. fragile**

THESIUM L. 2118000

(1) Schlechter. 1900. *Botanische Jahrbücher* 27: 115–121.
(2) Brown. 1909. *Kew Bulletin* 1909: 137.
(3) Hill. 1915. *Kew Bulletin* 1915: 1–43.
(4) Hill. 1925. *FC* 5: 136–206.
(5) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 2: 454–462.
(6) Levyns. 1940. *Journal of South African Botany* 6: 73–78.
(7) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula:* 332–340.
(8) Merxmüller. 1969. *FSWA* 21: 1–5.
(9) Hilliard. 1983. *Edinburgh Journal of Botany* 41: 295–311.
(10) Brenan. 1985. *Kew Bulletin* 40: 81–83.
(11) Hilliard. 1991. *Edinburgh Journal of Botany* 48: 53, 54.
(12) Goldblatt & Manning. 2000. *Strelitzia* 9: 637–642.

acuminatum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.15–0.3 m. Alt 100–2000 m. WC

acutissimum A.DC.
T. apiculatum Sond.(4)
Perennial. Shrub, herb, parasite. Ht 0.3–0.5 m. Alt 400–1900 m. G, M, S, KZN, NC, EC

adpressifolium Sond. = **T. funale**

affine Schltr.
Perennial. Shrub, herb, parasite. Ht 0.3–0.5 m. Alt 100–800 m. WC

aggregatum A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.8 m. Alt 30–1400 m. NC, WC, EC

alatum Hilliard & B.L.Burtt
Perennial. Herb, parasite. Ht 0.6–0.7 m. Alt 1800–2590 m. KZN

amplexicaule L. = **T. euphorbioides**

albomontanum Compton
Perennial. Shrub, dwarf shrub, parasite. Ht up to 0.3 m. Alt 1800–2050 m. WC, EC

angulosum DC.
Perennial. Shrub, parasite. Ht 1–1.5 m. Alt 600–2500 m. M, S, KZN

annulatum A.W.Hill
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 1800–2000 m. WC

apiculatum Sond. = **T. acutissimum**

archeri Compton
Perennial. Herb, parasite. Ht 0.2–0.4 m. Alt 1000–1500 m. WC

aristatum Schltr.
Perennial. Shrub, herb, parasite. Ht 0.15–0.3 m. Alt 100–800 m. WC

asperifolium A.W.Hill
Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 150–200 m. WC, EC

assimile Sond. = **T. carinatum** var. **carinatum**

asterias A.W.Hill
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 980–2000 m. LIM, NW, G, M, S, KZN, EC

bathyschistum Schltr.
Perennial. Shrub, herb, parasite. Ht 0.2–0.35 m. Alt 750–1050 m. WC

boissierianum A.DC.
Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt? 'CP'

brachycephalum Sond. = **T. capitellatum**

brachygyne Schltr.
Perennial. Herb, parasite. Ht 0.3–0.7 m. Alt 600–1200 m. WC

breyeri N.E.Br.
Perennial. Shrub, parasite. Ht 0.15–0.4 m. Alt 900–1300 m. M

brevifolium A.DC. = **T. leptocaule**

burchellii A.W.Hill
Perennial. Shrub, parasite. Ht 0.6–1 m. Alt 1000–1200 m. B, NC

burkei A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.1–1 m. Alt 350–1500 m. LIM, NW, G, M, S, FS, KZN, L, EC

capitatum in sense of Banks ex A.DC., not of L. = **T. scabrum**

capitatum L.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.4 m. Alt 200–300 m. WC, EC

capitellatum A.DC.
T. brachycephalum Sond. (4)
T. foveolatum Schltr. (4)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.25–0.35 m. Alt 150–1000 m. NC, EC

capituliflorum Sond.
T. cuspidatum A.W.Hill (7)
Perennial. Shrub, parasite. Ht 0.05–0.45 m. Alt 45–1500 m. NC, WC

carinatum A.DC. = **T. carinatum** var. **carinatum**

carinatum A.DC. var. **carinatum**
T. assimile Sond. (4)
T. carinatum A.DC. (3)
Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 250–1600 m. NC, WC

carinatum A.DC. var. **pallidum** A.W.Hill
Perennial. Dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 200–1600 m. WC

celatum N.E.Br.
Perennial. Shrub, herb, parasite. Ht 0.1–0.2 m. Alt 1300–1650 m. NW, S

colpoon L.f. = **Osyris compressa**

commutatum Sond.
Perennial. Dwarf shrub, herb, parasite. Ht 0.2–0.5 m. Alt 300–1700 m. WC, EC

confine Sond.
Perennial. Shrub, parasite. Ht 1–1.2 m. Alt 800–2400 m. L

congestum R.A.Dyer
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1800–2000 m. KZN, EC

conostylum Schltr.
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 300–800 m. WC

cordatum A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1800–2000 m. KZN, EC

coriarium A.W.Hill
Perennial. Herb, parasite. Ht 0.1–0.15 m. Alt 1700–2300 m. FS, KZN

cornigerum A.W.Hill
Perennial. Herb, parasite. Ht 0.4–0.6 m. Alt 1200–1550 m. KZN

corymbuligerum Sond. = **T. virgatum**

costatum A.W.Hill = **T. costatum** var. **costatum**

costatum A.W.Hill var. **costatum**
T. costatum A.W.Hill (3)
Perennial. Herb, parasite. Ht 0.05–0.2 m. Alt 780–1400 m. M, S

costatum A.W.Hill var. **juniperinum** A.W.Hill (3)
Perennial. Herb, parasite. Ht 0.05–0.3 m. Alt 1200–1500 m. G, M, FS, KZN

costatum A.W.Hill var. **paniculatum** N.E.Br.
Perennial. Herb, parasite. Ht 0.05–0.4 m. Alt 1600–1750 m. M, S

crassifolium in sense of R.Br., not of Sond. = **T. frisea** var. **thunbergii**

crassifolium in sense of Sond., not of R.Br., illegitimate name = **T. sedifolium**

cruciatum A.W.Hill = **T. lacinulatum**

cupressoides A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.2–0.6 m. Alt 1500–1650 m. KZN, L

cuspidatum A.W.Hill = **T. capituliflorum**

cymosum A.W.Hill
Perennial. Herb, parasite. Ht 0.12–0.17 m. Alt 600–750 m. LIM

cytisoides A.W.Hill
Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 900–1200 m. LIM, G, M, S, KZN

davidsoniae Brenan, as '*davidsonae*'
Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt 1200–1700 m. M

deceptum N.E.Br.
Perennial. Shrub, parasite. Ht 0.05–0.5 m. Alt 1200–1400 m. G, M

decipiens Hilliard & B.L.Burtt
Perennial. Herb, parasite. Ht 0.35–0.45 m. Alt 1300–1500 m. KZN

densiflorum A.DC.
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 350–1100 m. WC

densum N.E.Br.
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 1200–1400 m. LIM

dinteri A.W.Hill = **T. megalocarpum**

disciflorum A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.7–0.9 m. Alt 1200–1400 m. NC, WC

disparile N.E.Br.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.15–1 m. Alt 2000–2050 m. LIM

dissitiflorum Schltr.
Perennial. Shrub, parasite. Ht 0.8–1.2 m. Alt 1000–1800 m. WC

dissitum N.E.Br.
Perennial. Herb, parasite. Ht 0.12–0.15 m. Alt 1000–1400 m. B

diversifolium Sond.
Perennial. Herb. Ht 0.3–0.7 m. Alt 500–1400 m. 'CP'

dumale N.E.Br.
Perennial. Herb, parasite. Ht 0.15–0.2 m. Alt 1200–1400 m. NW, NC

durum Hilliard & B.L.Burtt
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.4 m. Alt 1700–2500 m. FS, KZN, L

ecklonianum Sond.
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 30–150 m. WC

elatius Sond.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.9–1.2 m. Alt 30–700 m. NC, WC

ephedroides A.W.Hill = **T. lineatum**

equisetoides Welw. ex Hiern.
Perennial. Shrub, dwarf shrub, parasite. Ht? Alt 1300–1700 m. N, NC, WC

ericaefolium A.DC.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 300–500 m. WC, EC

euphorbioides L.
T. amplexicaule L. (4)
Perennial. Shrub, parasite. Ht 1.2–2 m. Alt 60–1000 m. WC

euphrasioides A.DC.
Perennial. Shrub, parasite. Ht 0.1–0.3 m. Alt 300–400 m. WC

exile N.E.Br.
Perennial. Herb, parasite. Ht 0.04–0.14 m. Alt 1000–1200 m. LIM, M

fallax Schltr.
Perennial. Shrub, parasite. Ht 1–1.7 m. Alt 250–350 m. WC

fimbriatum A.W.Hill
Perennial. Shrub, parasite. Ht 0.2–0.3 m. Alt 150–1800 m. WC

flexuosum A.DC.
Perennial. Shrub, herb, parasite. Ht 0.2–0.4 m. Alt 150–1200 m. WC, EC

floribundum A.W.Hill = **T. pallidum**

foliosum A.DC.
Perennial. Shrub, parasite. Ht 0.75–0.9 m. Alt 300–450 m. WC, EC

foveolatum Schltr. = **T. capitellatum**

fragile Link ex A.DC.
Perennial. Shrub, parasite. Ht 0.5–0.9 m. Alt 300–900 m. WC, EC

frisea L. = **T. frisea** var. **frisea**

frisea L. var. **frisea**
T. frisea L. (3)
Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 90–300 m. WC, EC

frisea L. var. **thunbergii** A.DC.
T. crassifolium in sense of R.Br., not of Sond. (3)
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.2 m. Alt 90–350 m. WC

fructicosum A.W.Hill
Perennial. Shrub, parasite. Ht 0.15–0.5 m. Alt 510–660 m. WC, EC

funale in sense of L., not of Sond.
T. adpressifolium Sond. (4)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 45–1800 m. WC

funale in sense of Sond., not of L. = **T. subnudum**

galioides A.DC.
Perennial. Herb, parasite. Ht 0.15–0.9 m. Alt 150–1219 m. WC, EC

glaucescens A.W.Hill
Perennial. Dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 50–400 m. WC

glomeratum A.W.Hill
Perennial. Herb, parasite. Ht 0.5–0.7 m. Alt 50–1000 m. WC, EC

glomeruliflorum Sond.
Perennial. Dwarf shrub, parasite. Ht 0.3–0.45 m. Alt 300–900 m. WC

gnidiaceum A.DC. = **T. gnidiaceum** var. **gnidiaceum**

gnidiaceum A.DC. var. **gnidiaceum**
T. gnidiaceum A.DC. (4)
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.4 m. Alt 300–700 m. NC, WC, EC

gnidiaceum A.DC. var. **zeyheri** Sond.
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1000–1200 m. EC

goetzeanum Engl.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.6 m. Alt 1100–1600 m. B, LIM, NW, M, S, FS, KZN, NC

gracilarioides A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.2–0.4 m. Alt 1200–1500 m. LIM, NW, G, M, S, KZN, L

gracile A.W.Hill
T. palliolatum A.W.Hill (4)
Perennial. Herb, parasite. Ht 0.12–0.3 m. Alt 330–1200 m. LIM, G, M, S

gracilentum N.E.Br.
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 1000–1600 m. LIM

griseum Sond.
Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 1200–1500 m. FS, L

gypsophiloides A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.1–0.4 m. Alt 500–800 m. G, M, S, KZN

helichrysoides A.W.Hill
Perennial. Dwarf shrub, parasite. Ht 0.4–0.6 m. Alt 400–700 m. WC

hillianum Compton
Perennial. Shrub, herb, parasite. Ht 0.9–1.5 m. Alt 50–800 m. WC

hirsutum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.05–0.15 m. Alt 1100–1300 m. LIM, G, M, FS, KZN, EC

hispidulum Lam. ex Sond. = **T. hispidulum** var. **hispidulum**

hispidulum Lam. ex Sond. var. **hispidulum**
T. hispidulum Lam. ex Sond. (5)
Perennial. Shrub, herb, parasite. Ht 0.1–0.5 m. Alt 120–1000 m. NC, WC

hispidulum Lam. ex Sond. var. **subglabrum** A.W.Hill
Perennial. Herb, parasite. Ht 0.1–0.5 m. Alt 240–450 m. WC

hispidum Schltr.
Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 140–450 m. WC

hollandii Compton
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 300–1000 m. EC

horridum Pilg.
Perennial. Shrub, parasite. Ht 0.3–0.7 m. Alt 500–1000 m. NC

hystricoides A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 900–1400 m. N, NW, FS, NC, WC

hystrix A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.25–0.6 m. Alt 750–1250 m. B, NW, FS, NC, EC

imbricatum Thunb.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–1.4 m. Alt 1200–2000 m. FS, KZN, L, NC, WC, EC

impeditum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.5–0.7 m. Alt 900–1700 m. KZN, EC

impeditum A.W.Hill var. *rasum* A.W.Hill, as '*rasa*' = **T. rasum**

inversum N.E.Br.
Perennial. Shrub, parasite. Ht 0.7–1.2 m. Alt 1400–1500 m. M

jeaniae Brenan, as '*jenae*'
Perennial. Herb, parasite. Ht 0.15–0.3 m. Alt 30–500 m. KZN

junceum Bernh. = **T. junceum** var. **junceum**

junceum Bernh. var. **junceum**
T. junceum Bernh. (5)

Perennial. Shrub, herb, parasite. Ht 0.4–0.6 m. Alt 150–2000 m. LIM, M, KZN, WC, EC

junceum Bernh. var. **mammosum** A.W.Hill, as '*mammosa*'
Perennial. Herb, parasite. Ht 0.3–0.5 m. Alt 50–400 m. EC

junceum Bernh. var. **plantagineum** A.W.Hill, as '*plantaginea*'
Perennial. Herb, parasite. Ht 0.3–0.5 m. Alt 50–200 m. EC

juncifolium DC.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 45–1550 m. NC, WC, EC

junodii A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.6–0.9 m. Alt 900–1800 m. LIM

karooicum Compton
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.6 m. Alt 150–300 m. WC

lacinulatum A.W.Hill
T. cruciatum A.W.Hill (10)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 100–1000 m. N, NC, WC

leptocaule Sond.
T. brevifolium A.DC. (4)
Perennial. Shrub, herb, parasite. Ht 0.15–0.35 m. Alt 300–1200 m. WC, EC

lesliei N.E.Br.
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.15 m. Alt 1200–1500 m. G, M

lineatum L.f.
T. ephedroides A.W.Hill (4)
T. rigidum Sond. (4)
T sparteum R.Br. (4)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.75–2 m. Alt 600–1300 m. N, NW, FS, NC, WC, EC

lisae-mariae Stauffer
Perennial. Herb, parasite. Ht 0.6–0.8 m. Alt 600–700 m. WC, EC

litoreum Brenan
Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 5–100 m. WC

lobelioides A.DC.
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.5 m. Alt 120–2400 m. M, S, FS, KZN

longirostre Schltr. = **T. zeyheri**

lopollense
Perennial. Dwarf shrub, herb, parasite. Ht 0.15–0.3 m. Alt 1100–1200 m. B

macrogyne A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.12–0.3 m. Alt 1000–3000 m. FS, KZN, L

macrostachyum A.DC.
Perennial. Shrub, parasite. Ht 0.7–1.3 m. Alt 30–250 m. WC

magalismontanum Sond.
Perennial. Shrub, herb, parasite. Ht 0.1–0.5 m. Alt 1200–1600 m. LIM, NW, G, M, FS

magifrutum Hilliard
Perennial. Shrub, herb, parasite. Ht 0.8–1.2 m. Alt 1100–1300 m. N, B

marlothii Schltr.
Perennial. Shrub, parasite. Ht 0.4–0.7 m. Alt 750–1100 m. FS, NC, WC

maximiliani Schltr.
Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 300–1500 m. WC

megalocarpum A.W.Hill
T. dinteri A.W.Hill (7)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.4–0.7 m. Alt 400–500 m. N, B

microcarpum A.DC. = **Thesidium fragile**

microcephalum A.W.Hill
Perennial. Shrub, parasite. Ht 0.3–0.4 m. Alt 750–2000 m. WC

micromeria A.DC.
Perennial. Shrub, parasite. Ht 0.15–0.2 m. Alt 50–400 m. WC

micropogon A.DC.
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 300–650 m. WC

mossii N.E.Br.
Perennial. Herb, parasite. Ht 0.12–0.16 m. Alt 1000–1500 m. LIM

multiramulosum Pilg.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1200–1400 m. LIM, G, M, S, KZN

namaquense Schltr.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.5–0.8 m. Alt 600–1200 m. NC, WC, EC

natalense Sond.
Perennial. Herb, parasite. Ht 0.3–0.7 m. Alt 15–1500 m. S, KZN

nationiae A.W.Hill, as '*nationae*'
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 1200–1350 m. FS, KZN

nigromontanum Sond.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 30–1150 m. NC, WC, EC

nigrum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1500–2750 m. M, S, KZN, L

nudicaule A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 100–1000 m. NC, WC, EC

occidentale A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.6–2 m. Alt 600–700 m. NC, WC

oresigenum Compton
Perennial. Shrub, herb, parasite. Ht 0.5–1.2 m. Alt 1500–2100 m. NC, WC

orientale A.W.Hill
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 700–1300 m. EC

pallidum A.DC.
T. floribundum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.05–0.6 m. Alt 150–2900 m. LIM, G, M, S, FS, KZN, L, EC

palliolatum A.W.Hill = **T. gracile**

paniculatum L.

Perennial. Dwarf shrub, herb, parasite. Ht 0.4–0.9 m. Alt 130–1500 m. WC

paronychioides Sond.
Perennial. Dwarf shrub, herb, parasite. Ht 0.12–0.16 m. Alt 100–1200 m. 'CP'

patersonae A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 30–500 m. EC

patulum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 85–1000 m. NC, WC

penicillatum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.5–1.8 m. Alt 80–760 m. WC, EC

phyllostachyum Sond.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.4 m. Alt 30–500 m. WC, EC

pinifolium A.DC.
Perennial. Shrub, herb, parasite. Ht 1–1.5 m. Alt 400–500 m. WC

pleuroloma A.W.Hill
Perennial. Herb, parasite. Ht 0.2–0.4 m. Alt 1100–1400 m. NC

polycephalum Schltr.
Perennial. Shrub, parasite. Ht 0.3–0.6 m. Alt 400–500 m. WC

polygaloides A.W.Hill
Annual. Herb, parasite. Ht 0.15–0.35 m. Alt 500–1000 m. S, KZN

pottiae N.E.Br.
Perennial. Shrub, herb, parasite. Ht 0.2–0.35 m. Alt 1200–1600 m. LIM, M, S, KZN

procerum N.E.Br.
Perennial. Shrub, herb, parasite. Ht 0.2–0.9 m. Alt 1100–1250 m. LIM, G, M, S

prostratum A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1500–1600 m. WC

pseudovirgatum Levyns
Perennial. Shrub, herb, parasite. Ht 0.2–0.3 m. Alt 100–350 m. WC

pubescens DC.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.4 m. Alt 50–1000 m. NC, WC, EC

pungens A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.4–0.7 m. Alt 920–1300 m. NC, WC

pycnanthum Schltr.
Perennial. Shrub, herb, parasite. Ht 0.1–0.4 m. Alt 250–1000 m. WC

quinqueflorum Sond.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 350–500 m. WC

racemosum Bernh.
Perennial. Shrub, herb, parasite. Ht 0.05–0.45 m. Alt 1100–1300 m. LIM, NW, G, M, S, FS, KZN, L

rariflorum Sond.
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 100–500 m. WC

rasum (A.W.Hill) N.E.Br.
T. impeditum A.W.Hill var. *rasum* A.W.Hill, as '*rasa*' (4)
Perennial. Shrub, herb, parasite. Ht 0.5–0.7 m. Alt 1450–1700 m. G, FS, KZN, L, EC

repandum A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.3 m. Alt 50–800 m. WC

resedoides A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–1 m. Alt 1000–1500 m. LIM, NW, G, M, S, FS, KZN

resinifolium N.E.Br.
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.4 m. Alt 1000–1300 m. LIM

rigidum Sond. = **T. lineatum**

rogersii A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.4 m. Alt 1200–1480 m. NW

rufescens A.W.Hill
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 90–300 m. WC

scabrum L.
T. capitatum in sense of Banks ex A.DC., not of L. (4)
Perennial. Shrub, herb, parasite. Ht 0.2–0.65 m. Alt 50–500 m. WC

scandens Sond.
Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 20–800 m. WC, EC

schlechteri A.W.Hill = **T. zeyheri**

schumannianum Schltr.
Perennial. Shrub, herb, parasite. Ht 0.3–0.4 m. Alt 50–500 m. WC

scirpioides A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1200–1650 m. LIM, M, S, FS, KZN, L

sedifolium A.DC. ex Levyns
Perennial. Herb, parasite. Ht 0.15–0.3 m. Alt 100–400 m. WC

selagineum A.DC.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.3 m. Alt 700–2000 m. WC

semotum N.E.Br.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.3 m. Alt 1100–1400 m. G

sertulariastrum A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.2–0.6 m. Alt 300–700 m. WC

sonderianum Schltr.
Perennial. Shrub, parasite. Ht 0.5–0.7 m. Alt 500–1100 m. WC, EC

sparteum R.Br. = **T. lineatum**

spartioides A.W.Hill
Annual. Herb, parasite. Ht 0.1–0.2 m. Alt 1200–2000 m. NW, G, M, FS, L, EC

spicatum L.
Perennial. Shrub, parasite. Ht 0.1–0.2 m. Alt 1200–1550 m. WC

spinosum in sense of Drège, not of L.f. = **T. spinulosum**

spinosum L.f.
T. teretifolium R.Br. (4)

Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–1 m. Alt 30–500 m. NC, WC

spinulosum A.DC.
T. spinosum in sense of Drège, not of L.f. (4)
Annual. Dwarf shrub, herb, parasite. Ht 0.1–0.2 m. Alt 900–1200 m. NC, WC

squarrosum L.f.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 50–1100 m. KZN, EC

strictum P.J.Bergius
Perennial. Shrub, herb, parasite. Ht 0.9–1.8 m. Alt 45–300 m. NC, WC, EC

subnudum Sond. = **T. subnudum** var. **subnudum**

subnudum Sond. var. **foliosum** A.W.Hill, as '*foliosa*'
Perennial. Shrub, parasite. Ht 0.4–0.6 m. Alt 150–200 m. WC, EC

subnudum Sond. var. **subnudum**
T. funale in sense of Sond., not of L. (4)
T. subnudum Sond. (5)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.5–1 m. Alt 150–300 m. WC, EC

subsimile N.E.Br.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.2 m. Alt 1600–2000 m. M

susannae A.W.Hill
Perennial. Shrub, parasite. Ht 0.6–2.5 m. Alt 300–500 m. WC

teretifolium R.Br. = **T. spinosum**

thunbergianum A.DC.
Perennial. Shrub, parasite. Ht? Alt? WC

transgariepinum Sond. = **T. zeyheri**

translucens A.W.Hill
Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 300–900 m. WC

transvaalense Schltr.
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.3 m. Alt 1400–1600 m. LIM, NW, G, M

triflorum Thunb. ex L.f.
Perennial. Herb, climber, parasite. Ht 0.3–1 m. Alt 100–1500 m. LIM, M, S, KZN, EC

umbelliferum A.W.Hill
Perennial. Dwarf shrub, parasite. Ht 0.5–2 m. Alt 50–1950 m. WC

urceolatum A.W.Hill
Perennial. Shrub, parasite. Ht 0.1–0.5 m. Alt 700–900 m. NC

utile A.W.Hill
Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt 1200–1750 m. LIM, NW, G, M, S

vahrmeijeri Brenan
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 50–500 m. KZN

virens E.Mey. ex A.DC.
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 1600–2000 m. M, FS, KZN, EC

virgatum Lam.
T. corymbuligerum Sond. (12)
Perennial. Shrub, herb, parasite. Ht 0.25–0.75 m. Alt 500–600 m. NC, WC, EC

viridifolium Levyns
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.5 m. Alt 500–1000 m. WC

whitehillense Compton, as '*whitehillensis*'
Perennial. Shrub, dwarf shrub, parasite. Ht 0.8–1.2 m. Alt 1000–1600 m. WC

xerophyticum A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1700–1900 m. N

zeyheri A.DC.
T. longirostre Schltr. (4)
T. schlechteri A.W.Hill (4)
T. transgariepinum Sond. (4)
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 1100–1500 m. N, FS, NC, EC

SAPINDACEAE

Compiled by R.H. Archer

ALLOPHYLUS L. 4734000

(1) Exell. 1966. *FZ* 2: 496–508.
(2) Leenhouts. 1967. *Blumea* 15: 301–358.
(3) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 75–97.

africanus P.Beauv. var. **africanus**
A. melanocarpus (Sond.) Radlk. (2)
A. transvaalensis Burtt Davy (2)
Schmidelia leucocarpa Sond. (2)
Schmidelia melanocarpa Sond. (2)
Perennial. Tree, shrub. Ht 3–8 m. Alt 5–1675 m. N, B, LIM, M, S, KZN, WC, EC

chaunostachys Gilg
A. gazensis Baker f. (2)
Perennial. Tree, shrub or scrambler. Ht 3–7 m. Alt 1400–1750 m. LIM, M, S

decipiens (Sond.) Radlk.
A. spicatus (Thunb.) Fourc. (1)
Schmidelia decipens Sond. (1)
Perennial. Tree, shrub. Ht 1–10 m. Alt 5–300 m. M, S, KZN, WC, EC

dregeanus (Sond.) De Winter
A. monophylla Radlk., illegitimate name (2)
Schmidelia dregeana Sond. (2)
Schmidelia monophylla C.Presl, naked name (2)
Perennial. Tree, shrub. Ht 1.2–15 m. Alt 15–1750 m. KZN, EC

gazensis Baker f. = **A. chaunostachys**

melanocarpus (Sond.) Radlk. = **A. africanus** var. **africanus**

monophylla Radlk., illegitimate name = **A. dregeanus**

natalensis (Sond.) De Winter
Rhus erosus Radlk., illegitimate name (2)
Schmidelia natalensis Sond. (1)

Perennial. Tree, shrub. Ht 2–10 m. Alt 1–600 m. KZN, EC

rubifolius (A.Rich.) Engl. var. **rubifolius**
Perennial. Tree, shrub. Ht 3–7 m. Alt 200–1500 m. LIM, M, S, KZN

spicatus (Thunb.) Fourc. = **A. decipiens**

transvaalensis Burtt Davy = **A. africanus** var. **africanus**

ATALAYA Blume 4735000

(1) Dyer. 1937. *South African Journal of Science* 34: 214–217.
(2) Dyer. 1943. *South African Journal of Science* 39: 212–114.
(3) Exell. 1966. *FZ* 2: 518.

alata (Sim) H.M.L.Forbes
Diacarpa alata Sim (2)
Perennial. Tree. Ht 1.8–12 m. Alt 15–765 m. LIM, M, S, KZN

capensis R.A.Dyer
Perennial. Tree. Ht 1.5–13 m. Alt 155–425 m. EC

natalensis R.A.Dyer
Perennial. Tree. Ht 7–20 m. Alt 500–1450 m. KZN, EC

BLIGHIA K.D.König 4800000

(1) Exell. 1966. *FZ* 2: 514–516.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 24–28.

unijugata Baker
Phialodiscus unijugatus (Baker) Radlk. (1)
Perennial. Tree. Ht 3–20 m. Alt 25–125 m. KZN

CARDIOSPERMUM L. 4726000

(1) Bowden. 1966. *FZ* 2: 508–512.
(2) Fouilloy & Hallé. 1973. *Flora of Gabon* 23: 10–17.
(3) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 97–102.

alatum Bremek. & Oberm. = **C. corindum**

corindum L.
C. alatum Bremek. & Oberm. (1)
Perennial. Shrub, climber. Ht 0.3–4.5 m. Alt 155–1630 m. N, B, LIM, M, S, KZN

grandiflorum Sw.
Perennial. Climber. Ht 0.3–8 m. Alt 155–1630 m. N, B, LIM, G, M, S, KZN, WC, EC

halicacabum L. var. **halicacabum**
Perennial. Shrub, climber. Ht 0.4–6 m. Alt 20–1420 m. N, B, LIM, M, S, KZN

halicacabum L. var. **microcarpum** (Kunth) Blume
C. microcarpum Kunth (1)
Perennial. Shrub, climber. Ht 0.4–2 m. Alt 5–1440 m. N, B, LIM, M, S, KZN, EC

microcarpum Kunth = **C. halicacabum** var. **microcarpum**

pechuelii Kuntze
Perennial. Shrub, climber. Ht 1–1.8 m. Alt 410–1150 m. N

DEINBOLLIA Schumach. & Thonn. 4740000

(1) Exell. 1966. *FZ* 2: 512–525.

oblongifolia (E.Mey. ex Arn.) Radlk.
Sapindus oblongifolius (E.Mey. ex Arn.) Sond. (1)
Perennial. Tree, shrub. Ht 0.3–5 m. Alt 5–610 m. LIM, M, KZN, EC

xanthocarpa (Klotzsch) Radlk.
Perennial. Tree, shrub. Ht 1–6 m. Alt 250–350 m. LIM

DIACARPA Sim 4735010

alata Sim = **Atalaya alata**

DODONAEA Mill. 4831000

(1) West. 1984. *Brunonia* 7: 30–47.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 8–11.

angustifolia L.f. = **D. viscosa** var. **angustifolia**

viscosa Jacq. subsp. *angustifolia* (L.f.) J.G.West = **D. viscosa** var. **angustifolia**

viscosa Jacq. subsp. *viscosa* = **D. viscosa** var. **viscosa**

viscosa Jacq. var. **angustifolia** (L.f.) Benth.
D. angustifolia L.f. (2)
D. viscosa Jacq. subsp. *angustifolia* (L.f.) J.G.West (2)
Perennial. Tree, shrub. Ht 0.8–9 m. Alt 15–1525 m. B, LIM, NW, G, M, S, KZN, NC, WC, EC

viscosa Jacq. var. **viscosa**
D. viscosa Jacq. subsp. *viscosa* (2)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 15–200 m. KZN

ERYTHROPHYSA E.Mey. ex Arn. 4826000

(1) Hutchinson. 1932. *Bulletin of Miscellaneous Information* 1932: 150.
(2) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 857.

alata (Eckl. & Zeyh.) Hutch.
E. undulata E.Mey. ex Sond. (1)
Perennial. Tree, shrub. Ht 1–4 m. Alt 245–915 m. N, NC

transvaalensis I.Verd.
Perennial. Tree, shrub. Ht 1–5 m. Alt 900–1200 m. LIM, NW, G

undulata E.Mey. ex Sond. = **E. alata**

HAPLOCOELUM Radlk. 4769000

(1) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 43–47.

gallaense (Engl.) Radlk., misapplied name = **H. foliosum** subsp. **mombasense**

foliosum (Hiern) Bullock subsp. **mombasense** (Bullock) Verdc.
H. gallaense (Engl.) Radlk., misapplied name (1)
Perennial. Tree, shrub. Ht 2–9 m. Alt 45–90 m. KZN

HIPPOBROMUS Eckl. & Zeyh. 4836000

(1) Radlkofer. 1895. *Die natürlichen Pflanzenfamilien* 3,3: 359.

alata (Thunb.) Eckl. & Zeyh. = **H. pauciflorus**

pauciflorus (L.f.) Radlk.
H. alata (Thunb.) Eckl. & Zeyh. (1)
Perennial. Tree, shrub. Ht 1–13 m. Alt 15–1830 m. LIM, M, S, KZN, EC

PANCOVIA Willd. 4753000

(1) Exell. 1966. *FZ* 2: 525–528.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 59, 60.

golungensis (Hiern) Exell & Mendonça
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 30–460 m. KZN

PAPPEA Eckl. & Zeyh. 4784000

(1) Exell. 1966. *FZ* 2: 540.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 34–37.

capensis Eckl. & Zeyh.
P. capensis Eckl. & Zeyh. var. *radlkoferi* (Schweinf. ex Radlk.) Schinz (1)
P. fulva Conrath (1)
P. ugandensis Baker f. (1)
Sapindus pappea Sond., illegitimate name (1)
Perennial. Tree, shrub. Ht 1–13 m. Alt 30–1740 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

capensis Eckl. & Zeyh. var. *radlkoferi* (Schweinf. ex Radlk.) Schinz = **P. capensis**

fulva Conrath = **P. capensis**

ugandensis Baker f. = **P. capensis**

PAULLINIA L. 4724000

(1) Exell. 1966. *FZ* 2: 512–514.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 102–104.

pinnata L.
Perennial. Climber. Ht 2.5–8 m. Alt ± 750 m. B

PHIALODISCUS Radlk. 4802000

unijugatus (Baker) Radlk. = **Blighia unijugata**

SAPINDUS L. 4739000

oblongifolius (E.Mey. ex Arn.) Sond. = **Deinbollia oblongifolia**

pappea Sond., illegitimate name = **Pappea capensis**

SCHMIDELIA L. 4734010

decipens Sond. = **Allophylus decipiens**

dregeana Sond. = **Allophylus dregeanus**

leucocarpa Sond. = **Allophylus africanus** var. **africanus**

melanocarpa Sond. = **Allophylus africanus** var. **africanus**

monophylla C.Presl, naked name = **Allophylus dregeanus**

natalensis Sond. = **Allophylus natalensis**

SMELOPHYLLUM Radlk. 4754000

(1) Radlkofer. 1878. *Sitzungberichte der Königl. Bayerischen Akademie der Wissenschaften zu München* 8: 330, 336.

capense (Sond.) Radlk.
Perennial. Tree, shrub. Ht 3–12 m. Alt 150–915 m. EC

STADMANNIA Lam. 4785000

(1) Exell. 1966. *FZ* 2: 533.

oppositifolia (Lam.) Poir. subsp. **rhodesica** Exell
Perennial. Tree. Ht 2–8 m. Alt ± 400 m. LIM

ZANHA Hiern 4836010

(1) Exell. 1966. *FZ* 2: 537.

africana (Radlk.) Exell
Perennial. Tree. Ht 2–10 m. Alt ± 1060 m. B

SAPOTACEAE

Compiled by M. Jordaan

AUSTROMIMUSOPS A.Meeuse 6386050

dispar (N.E.Br.) A.Meeuse = **Vitellariopsis dispar**

marginata (N.E.Br.) A.Meeuse = **Vitellariopsis marginata**

BEQUAERTIODENDRON De Wild. 6377010

magalismontanum (Sond.) Heine & J.H.Hemsl. = **Englerophytum magalismontanum**

natalense (Sond.) Heine & J.H.Hemsl. = **Englerophytum natalense**

CHRYSOPHYLLUM L. 6377000

(1) Meeuse. 1963. *FSA* 26: 35, 36.
(2) Kupicha. 1983. *FZ* 7,1: 211–215.
(3) Pennington. 1991. *The genera of Sapotaceae*: 216–226.

magalismontanum Sond. = **Englerophytum magalismontanum**

natalense Sond. = **Englerophytum natalense**

viridifolium J.M.Wood & Franks
Perennial. Tree. Ht 3–30 m. Alt 30–460 m. S, KZN, EC

ENGLEROPHYTUM K.Krause 6377020

(1) Gower. 1923. *The Flowering Plants of South Africa* 3: t. 98.
(2) Meeuse. 1963. *FSA* 26: 36–40.
(3) Kupicha. 1983. *FZ* 7,1: 222–225.
(4) Pennington. 1991. *The genera of Sapotaceae*: 250–253.

magalismontanum (Sond.) T.D.Penn.
Bequaertiodendron magalismontanum (Sond.) Heine & J.H.Hemsl. (4)
Chrysophyllum magalismontanum Sond. (2)
Pouteria magalismontana (Sond.) A.Meeuse (2)
Perennial. Tree or shrub. Ht 1–17 m. Alt 550–1830 m. B, LIM, NW, G, M, S, KZN

natalense (Sond.) T.D.Penn.
Bequaertiodendron natalense (Sond.) Heine & J.H.Hemsl. (4)
Chrysophyllum natalense Sond. (2)
Pouteria natalensis (Sond.) A.Meeuse (2)
Perennial. Tree or shrub. Ht 1–15 m. Alt 3–1525 m. M, S, KZN, EC

INHAMBANELLA (Engl.) Dubard 6386030

(1) Hemsley. 1968. *FTEA* Sapotaceae: 45–47.
(2) Kupicha. 1983. *FZ* 7,1: 232, 233.

henriquesii (Engl. & Warb.) Dubard
Lecomtedoxa henriquesii (Engl. & Warb.) A.Meeuse (1)
Perennial. Tree. Ht 3–18 m. Alt 5–765 m. KZN

LECOMTEDOXA (Engl.) Dubard 6386040

henriquesii (Engl. & Warb.) A.Meeuse = **Inhambanella henriquesii**

MANILKARA Adans. 6386010

(1) Meeuse. 1963. *FSA* 26: 48–52.
(2) Hemsley. 1968. *FTEA* Sapotaceae: 62–73.
(3) Van Wyk. 1982. *South African Journal of Botany* 1: 33–37.
(4) Kupicha. 1983. *FZ* 7,1: 242–247.
(5) Govaerts *et al.* 2001. *World checklist and bibliography of Sapotaceae.*

concolor (Harv.) Gerstner
Mimusops concolor Harv. (1)

Perennial. Tree. Ht 3–12 m. Alt 30–525 m. M, S, KZN

discolor (Sond.) J.H.Hemsl.
Mimusops natalensis (Pierre ex L.Planch.) Engl. (5)
Muriea discolor (Sond.) Hartog (2)
Perennial. Tree. Ht 3–25 m. Alt 5–460 m. KZN

mochisia (Baker) Dubard
Perennial. Tree or shrub. Ht 3–15 m. Alt 30–1250 m. N, B, LIM, M, S, KZN

nicholsonii A.E.van Wyk (3)
Perennial. Tree. Ht 3–10 m. Alt 0–300 m. KZN

MIMUSOPS L. 6386000

(1) Meeuse. 1954. *The Flowering Plants of Africa* 30: t. 1164.
(2) Meeuse. 1963. *FSA* 26: 44–47.
(3) Kupicha. 1983. *FZ* 7,1: 233–240.

caffra E.Mey. ex A.DC.
Perennial. Tree or shrub. Ht 1–15 m. Alt 2–600 m. KZN, EC

concolor Harv. = **Manilkara concolor**

natalensis (Pierre ex L.Planch.) Engl. = **Manilkara discolor**

obovata Sond.
M. oleifolia N.E.Br. (2)
M. woodii Engl. (2)
Perennial. Tree or shrub. Ht 1–20 m. Alt 3–1435 m. M, S, KZN, EC

obtusifolia Lam. (3)
Perennial. Tree or shrub. Ht 2–10 m. Alt? LIM, M

oleifolia N.E.Br. = **M. obovata**

woodii Engl. = **M. obovata**

zeyheri Sond.
Perennial. Tree or shrub. Ht 2–23 m. Alt 45–1600 m. B, LIM, NW, G, M, S, KZN

MURIEA Hartog 6386060

discolor (Sond.) Hartog = **Manilkara discolor**

POUTERIA Aubl. 6364000

magalismontana (Sond.) A.Meeuse = **Englerophytum magalismontanum**

natalensis (Sond.) A.Meeuse = **Englerophytum natalense**

SIDEROXYLON L. 6368000

(1) Meeuse. 1963. *FSA* 26: 33–35.
(2) Hemsley. 1966. *Kew Bulletin* 20: 472–478.
(3) Kupicha. 1983. *FZ* 7,1: 230–232.

inerme L. subsp. **inerme**
Perennial. Tree or shrub. Ht 1–15 m. Alt 2–1092 m. LIM, M, S, KZN, WC, EC

VITELLARIOPSIS Baill. ex Dubard 6386020

(1) Aubréville. 1963. *Adansonia* 3: 41, 42.
(2) Kupicha. 1983. *FZ* 7,1: 240–242.
(3) Pooley. 1993. *Trees of Natal*: 396.

dispar (N.E.Br.) Aubrév.
Austromimusops dispar (N.E.Br.) A.Meeuse (1)
Perennial. Tree or shrub. Ht 1–10 m. Alt 275–1730 m. KZN

marginata (N.E.Br.) Aubrév.
Austromimusops marginata (N.E.Br.) A.Meeuse (1)
Perennial. Tree or shrub. Ht 4–10 m. Alt 25–700 m. M, S, KZN, EC

SCROPHULARIACEAE

Compiled by S.J. Smithies & J.A. Ready

Note: following recent molecular phylogenetic studies, there have been proposals for splitting up the polyphyletic family Scrophulariaceae into apparently monophyletic groups or clades, usually assigned a family name. One such was by Olmstead *et al.* (2001) in *American Journal of Botany* 88,2: 348–361. Here the genera were assigned to three main families: Scrophulariaceae in strict sense (including *Aptosimum*, *Hemimeris*, the Manuleae (*Zaluzianskya*), Selagineae (*Selago*) and *Verbascum*, plus families Buddlejaceae and Myoporaceae); Veronicaceae or Plantaginaceae (grouping the 'snap dragons' (*Nemesia*), *Veronica* and *Bacopa* together with *Plantago* and several other small families); and Orobanchaceae (comprising the parasites such as *Buchnera*, *Bartsia* and *Orobanche*). *Halleria* and possibly other shrub or tree genera were placed in Stilbaceae. Since many genera have not yet been examined and there are some conflicting reports, the traditional grouping of genera in the Scrophulariaceae is followed here, except that the parasites and associated genera have been placed under Orobanchaceae.

Note: there have been many changes in the taxonomy of the Scrophulariaceae, especially during the last decade. This is largely because of difficulties in finding suitable separation characters between both genera and species and superficial examinations. The Manuleae and Selagineae have been particularly difficult and many authors, prior to Hilliard, were very confused, especially Hiern (1904) and Rolfe (1901) in *Flora capensis*. Hence many of their names or synonyms are not included here. Authors often listed mixed specimens, and therefore many names have had to be cited as 'in part'. However, the other part was not always mentioned. Tracking the cited specimens has sometimes shown this information, which is of interest to those doing identifications.

AGATHELPIS Choisy 7571000

adunca E.Mey. = **Microdon dubius**

angustifolia Choisy, illegitimate name = **Microdon dubius**

brevifolia E.Mey. = **Microdon dubius**

dubia (L.) Hutch. ex Wijnands = **Microdon dubius**

mucronata E.Mey. = **Microdon dubius**

nitida E.Mey. = **Microdon nitidus**

parviflora (P.J.Bergius) Choisy as '*parvifolia*' = **Microdon parviflorus**

ALONSOA Ruíz & Pav. 7469000

(1) Hiern. 1904. *FC* 4,2: 145, 149, 150, 153, 154 as *Diascia*.
(2) Hilliard & Burtt. 1984. *Journal of South African Botany* 50,3: 337.
(3) Roux. 1986. *South African Journal of Botany* 52,1: 7–9.
(4) Steiner. 1989. *Annals of the Missouri Botanical Garden* 76: 1152–1159.
(5) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 01-09-2002).

peduncularis (Kunze) Wettst.
Schistanthe peduncularis Kunze (2)
Perennial. Herb, sometimes woody. Length ± 0.3–0.5 m. Alt 300–580 m. WC, EC

unilabiata (L.f.) Steud.
Antirrhinum unilabiatum L.f. (4)
Diascia dissecta Hiern (4)
Diascia heterandra Benth. (4)
Diascia nutans Diels (4)
?*Diascia sinuata* (Sm.) Druce (4, 5)
Diascia unilabiata (L.f.) Benth. (4)
?*Hemimeris sinuata* Sm. (1, 4, 5)
Hemimeris unilabiata (L.f.) Thunb. (4)
Annual. Herb. Ht 0.06–0.4 m. Alt 100–1370 m. NC, WC

AMBULIA Lam. 7532010

bangweolensis R.E.Fr. = **Limnophila bangweolensis**

ceratophylloides (Hiern) Engl. & Gilg = **Limnophila ceratophylloides**

ANARRHINUM Desf. 7485000

pechuelii Kuntze = **Diclis petiolaris**

ANASTRABE E.Mey. ex Benth. 7499000

(1) Hiern. 1904. *FC* 4,2: 217, 218.
(2) Hilliard. 1969. *Notes from the Royal Botanic Garden Edinburgh* 29,1: 1–13.

integerrima E.Mey. ex Benth.
A. integerrima E.Mey. ex Benth. var. *serrulata* (E.Mey. ex Benth.) Hiern (2)
A. serrulata E.Mey. ex Benth. (2)
Perennial. Tree, shrub, scrambler. Ht 1.5–10 m. Alt 20–1220 m. KZN, EC

integerrima E.Mey. ex Benth. var. *serrulata* (E.Mey. ex Benth.) Hiern = **Anastrabe integerrima**

serrulata E.Mey. ex Benth. = **A. integerrima**

ANTHEROTHAMNUS N.E.Br. 7497010

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 8, 9.
(2) Philcox. 1990. *FZ* 8,2: 20, 22, 23.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 75–77.

pearsonii N.E.Br.
A. rigida (L.Bolus) E.Phillips as '*A. rigida* (L.Bolus) N.E.Br.' (3)
Manuleopsis karasmontana Dinter ex Schinz & Thell. in synonym (1)
Manuleopsis karasmontana Dinter, naked name (1)
Selaginastrum karasmontanum (Dinter) Schinz & Thell. (3)
Selaginastrum rigidum (L.Bolus) Schinz & Thell. (1)
Selaginastrum rigidum (L.Bolus) Schinz & Thell. var. (?) *karasmontanum* (Dinter) Schinz & Thell. (1)
Sutera rigida L.Bolus, illegitimate name (3)
Perennial. Shrub. Ht 0.3–3 m. Alt 660–1525 m. N, B, LIM, NW

rigida (L.Bolus) E.Phillips as '*A. rigida* (L.Bolus) N.E.Br.' = **A. pearsonii**

ANTICHARIS Endl. 7466000

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 9.
(2) Philcox. 1990. *FZ* 8,2: 3–7.
(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 422, 423.

aschersoniana Schinz = **A. senegalensis**

dielsiana Pilg. = **A. scoparia**

ebracteata Schinz
Perennial, occ. annual. Dwarf shrub, herb. Ht (0.03–) 0.15–0.3 m. Alt ± 1090 m. N

genistoides Schinz = **A. juncea**

imbricata Schinz
Perennial, occ. annual. Dwarf shrub, herb. Ht 0.2–0.6 (–1.5) m. Alt? N

inflata Marloth & Engl.
Annual, occ. perennial. Herb, dwarf shrub. Ht (0.05–) 0.13–0.5 m. Alt 450–1850 m. N

juncea L.Bolus
A. genistoides Schinz (1)
Perennial. Dwarf shrub. Ht ± 0.2–0.7 m. Alt 580–790 m. N

linearis (Benth.) Hochst. ex Asch. including var. *azurea* Dinter ex Schinz = **A. senegalensis**

longifolia Marloth & Engl. = **A. senegalensis**

scoparia (E.Mey. ex Benth.) Hiern ex Benth. & Hook.f.
A. dielsiana Pilg. (1)
Peliostomum scoparium E.Mey. ex Benth. (1)
Perennial. Dwarf shrub. Ht 0.1–0.45(–0.9) m. Alt 420–915 m. N, NC

senegalensis (Walp.) Bhandari
A. aschersoniana Schinz (3)
A. linearis (Benth.) Hochst. ex Asch. including var. *azurea* Dinter ex Schinz (3)
A. longifolia Marloth & Engl. (3)
Doratanthera linearis Benth. (3)
Doratanthera senegalensis Walp. (3)
Annual, occ. perennial. Herb. Ht (0.04–)0.15–0.3(–0.5) m. Alt 365–915 m. N, B, LIM, NC

ANTIRRHINUM L. 7482000

aphyllum L.f. = **Utricularia bisquamata**

barbatum Thunb. = **Nemesia barbata**

bicorne L. = **Nemesia bicornis**

capense Burm.f., not of Thunb. = **Nemesia bicornis**

capense Thunb., illegitimate name, not of Burm.f. = **Nemesia fruticans**

cymbalaria L. = **Cymbalaria muralis** subsp. **muralis**

elatine L. = **Kickxia elatine** subsp. **elatine**

fruticans Thunb. = **Nemesia fruticans**

linaria L. = **Linaria vulgaris**

longicorne Thunb. = **Diascia longicornis**

macrocarpum Aiton = **Nemesia macrocarpa**

orontium L. = **Misopates orontium**

patens Thunb. = **Diascia patens**

pinnatum L.f. = **Nemesia pinnata**

scabridum Herb. Banks. ex Benth. = **Nemesia acuminata**

scabrum (Spreng.) Thunb. = **Nemesia macrocarpa**

spurium L. = **Kickxia spuria** subsp. **spuria**

strumosum in Herb. Banks ex Benth. = **Nemesia strumosa**

unilabiatum L.f. = **Alonsoa unilabiata**

APTOSIMUM Burch. ex Benth. 7467000
name conserved

(1) Weber. 1903. In Schinz, *Bulletin de l'Herbier Boissier* ser. 2,3: 894–904.
(2) Hiern. 1904. *FC* 4,2: 125–132.
(3) Weber. 1907. *Beihefte zum Botanischen Centralblatt* 21,2: 1–80, 99–101, t. 1–3.
(4) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 255, 256.
(5) Phillips. 1950. *Journal of South African Botany* 16: 21, 22.

(6) Merxmüller & Roessler. 1967. *FSWA* 126: 12–20.
(7) Codd. 1982. *Bothalia* 14: 80, 81.
(8) Codd. 1983. *The Flowering Plauts of Africa* 47: t. 1880.
(9) Philcox. 1985. *Kew Bulletin* 40: 606.
(10) Philcox. 1990. *FZ* 8,2: 3–7.
(11) Retief & Herman 1997. *Strelitzia* 6: 605, 606.
(12) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 14-08-2002).

abietinum Burch. ex Benth. = **A. spinescens**

abietinum Burch. ex Benth. var. *β elongatum* Benth. = **A. neglectum**

albomarginatum Marloth & Engl.
Perennial. Dwarf shrub. Ht 0.08–0.6 m. Alt 760–1800 m. N, B, NW, NC

angustifolium F.E.Weber & Schinz
?*A. schinzii* F.E.Weber (6)
Perennial, occ. annual. Dwarf shrub, herb. Length 0.1–0.6 m. Alt 900–1300 m. N

arenarium Engl.
Perennial. Dwarf shrub. Ht 0.02–0.5 m. Length 0.1–0.8 m. Alt 1000–1830 m. N

decumbens Schinz
Perennial. Dwarf shrub. Ht 0.02–0.1 m. Length 0.12–0.5 m. Alt 915–1555 m. N, B

depressum Burch. ex Benth., illegitimate name = **A. procumbens**

depressum Burch. ex Benth. var. *elongatum* Hiern = **A. elongatum**

?*dinteri* F.E.Weber = **A. glandulosum**

elongatum Engl.
A. depressum Burch. ex Benth. var. *elougatum* Hiern (10)
A. eriocephalum E.Mey. ex Benth. var. *pubescens* Diels ex F.E.Weber, name only (1, 10)
A. procumbens (Lehm.) Steud. var. *elongatum* (Hiern) Codd (10)
A. pubescens (Diels ex F.E.Weber) F.E.Weber (10)
?*A. weberianum* Pilg. (6, 10)
Perennial. Dwarf shrub. Ht 0.01–0.06 m. Length 0.05–0.4 m. Alt 915–1800 m. N, B, LIM, NW, G, M, FS, NC, EC

eriocephalum E.Mey. ex Benth.
Perennial. Dwarf shrub. Ht 0.02–0.05 m. Length 0.01–0.2 m. Alt ± 1000 m. N

eriocephalum E.Mey. ex Benth. var. *pubescens* Diels ex F.E.Weber, name only = **A. elongatum**

feddeanum Pilg. = **A. glandulosum**

glandulosum F.E.Weber & Schinz
?*A. dinteri* F.E.Weber (6)
A. feddeanum Pilg. (6)
Perennial. Dwarf shrub. Ht 0.04–0.2 m. Alt? N

indivisum Burch. ex Benth.
A. uanum Engl. (2)
Perennial. Dwarf shrub. Ht 0.01–0.07 m. Alt 365–1645 m. LIM, NW, G, FS, NC, WC, EC

junceum (Hiern) Philcox
Peliostomum leucorrhizum E.Mey. ex Benth. var. *junceum* Hiern (9)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 490–1190 m. B, NC

laricinum Dinter = **A. spinescens**

laricinum Dinter var. *spinosior* Dinter = **A. spinescens**

leucorrhizum (E.Mey. ex Benth.) E.Phillips = **Peliostomum leucorrhizum**

lineare Marloth & Engl. var. **acaule** F.E.Weber
Perennial. Dwarf shrub. Ht ± 0.1 m. Alt? N

lineare Marloth & Engl. var. **ciliatum** Schinz ex F.E.Weber
Perennial. Dwarf shrub, suffrutex. Ht ± 0.15 m. Alt? N

lineare Marloth & Engl. var. **lineare**
A. lineare Marloth & Engl. var. *randii* (S.Moore) F.E.Weber (10, implied)
A. nelsii F.E.Weber (6)
A. randii S.Moore (10)
Perennial. Dwarf shrub. Ht 0.02–0.4 m. Alt 150–1800 m. N, B, LIM, NW, M, NC

lineare Marloth & Engl. var. *randii* (S.Moore) F.E.Weber = **A. lineare** var. **lineare**

lugardiae (N.E.Br. ex Hemsl. & Skan) E.Phillips as '*lugardae*'
Peliostomum leucorrhizum E.Mey. ex Benth. var. *linearifolium* (Schinz ex Kuntze) F.E.Weber (10)
Peliostomum linearifolium Schinz ex Kuntze, naked name (10)
Peliostomum lugardiae N.E.Br. ex Hemsl. & Skan as '*lugardae*' (10)
Perennial, occ. annual. Dwarf shrub, herb. Ht 0.03–0.6 m. Alt 365–1665 m. N, B, LIM?, M?, NC

marlothii (Engl.) Hiern
Peliostomum marlothii Engl. (6)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 915–1430 m. N, B, NW, FS, NC

nanum Engl. = **A. indivisum**

neglectum F.E.Weber
A. abietinum Burch. ex Benth. var. *β elongatum* Benth. (3)
Perennial. Dwarf shrub, suffrutex. Ht? Alt 100–± 300 m. NC

nelsii F.E.Weber = **A. lineare**

oppositifolium (Engl.) E.Phillips = **Jamesbrittenia fruticosa**

patulum Bremek.
Perennial. Dwarf shrub, scrambler. Ht 0.02–0.15 m. Length up to 0.4 m. Alt 790–915 m. LIM

procumbens (Lehm.) Steud.
A. depressum Burch. ex Benth., illegitimate name (7)
Ohlendorffia procumbens Lehm. (7)
Ruellia depressa L.f. (7)
Perennial. Herb. Ht up to 0.025 m. Length up to 0.25 m. Alt 150–2745 m. B, NW, FS, L, NC, WC, EC

procumbens (Lehm.) Steud. var. *elongatum* (Hiern) Codd = **A. elongatum**

pubescens (Diels ex F.E.Weber) F.E.Weber = **A. elongatum**

randii S.Moore = **A. lineare**

scaberrimum Schinz = **A. spinescens**

scaberrimum Schinz var. *tenuifolium* F.E.Weber = **A. spinescens**

?*schinzii* F.E.Weber = **A. angustifolium**

spinescens (Thunb.) F.E.Weber
A. abietinum Burch. ex Benth.(6)
A. laricinum Dinter (6)
A. laricinum Dinter var. *spinosior* Dinter (6)
A. scaberrimum Schinz (6)
A. scaberrimum Schinz var. *tenuifolium* F.E.Weber (6)
A. steingroeveri Engl. (6)
A. steingroeveri Engl. var. *glabrum* F.E.Weber & Schinz (6)
Ruellia spinescens Thunb. (6)
Perennial. Dwarf shrub. Ht 0.03–0.7 m. Alt 170–2000 m. N, FS, NC, WC, EC

steingroeveri Engl. = **A. spinescens**

steingroeveri Engl. var. *glabrum* F.E.Weber & Schinz = **A. spinescens**

suberosum F.E.Weber
Perennial. Dwarf shrub, succulent. Ht 0.02–0.06 m. Alt 275–365 m. N

tragacanthoides E.Mey. ex Benth.
Perennial. Dwarf shrub. Ht 0.04–0.6 m. Alt 275–550 m. N, NC

transvaalense F.E.Weber
Perennial. Dwarf shrub, suffrutex. Ht ± 0.1 m. Alt? LIM

virgatum (E.Mey. ex Benth.) E.Phillips = **Peliostomum virgatum**

viscosum Benth.
Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt? N, NC

viscosum (E.Mey. ex Benth.) E.Phillips, not of Benth. = **Peliostomum viscosum**

?*weberianum* Pilg. = **A. elongatum**

BACOPA Aubl. name conserved 7546000

(1) Hiern. 1904. *FC* 4,2: 355 as '*Moniera*'.
(2) Hepper. 1963. *FWTA* edn 2, 2: 358, 359.
(3) Philcox. 1979. *Kew Bulletin* 33: 679, 680.
(4) Philcox. 1990. *FZ* 8,2: 48–51.
(5) The Plant Names Project. 2003. *International Plant Names Index*, http://www.ipni.org (accessed on 04-08-2003).

calycina (Benth.) Engl. ex De Wild. = **B. crenata**

crenata (P.Beauv.) Hepper
B. calycina (Benth.) Engl. ex De Wild. (4)
Herpestis crenata P.Beauv. (4)
Annual and perennial? Herb, hydrophyte or terrestrial? Length ± 0.3 m. Alt? KZN

floribunda (R.Br.) Wettst.
B. pubescens (Skan) Hutch. & Dalziel (2)
Herpestis floribunda R.Br. (4)
Annual. Herb, hydrophyte. Ht 0.05–0.3 m. Alt 385–950 m. B, LIM, M

monnieria (L.) Wettst. as '*monniera*', illegitimate name = **B. monnieri**

monnieri (L.) Pennell
B. monnieria (L.) Wettst. as '*monniera*', illegitimate name (4)
Gratiola monnieria L., illegitimate name (1, 4)
Herpestis africana (Pers.) Steud. (4)
Herpestis monnieria (L.) Kunth, illegitimate name (4)
Lysimachia monnieri L. (4)
Moniera africana Pers., as '*Monniera*' (4)
Moniera calycina (Forssk.) Kuntze, as '*Monniera*' (3, 5)
Moniera cuneifolia Michx., as '*Monniera*'; Hiern (1904) in part, excluding *Herpestis crenata* P.Beauv. (4)
Perennial and annual? Herb, at times aquatic, marsh plant. Ht? Alt 1.5–30 m. S?, KZN

pubescens (Skan) Hutch. & Dalziel = **B. floribunda**

BOWKERIA Harv. 7500000

(1) Hilliard. 1969. *Notes from the Royal Botanic Garden Edinburgh* 29,1: 1–13.
(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1578.

calceolarioides Diels = **B. cymosa**

citrina Thode
Perennial. Shrub. Ht 2–3 m. Alt ± 1585 m. G, M, KZN

cymosa MacOwan
B. calceolarioides Diels (1)
Perennial. Shrub, small tree, shrub, herb. Ht 0.75–3(–10) m. Alt 610–1980 m. LIM, M, S, EC

gerrardiana Harv. ex Hiern = **B. verticillata**

natalensis Schinz = **B. verticillata**

simpliciflora MacOwan, as '*simplicifolia*' in *Index Kewensis* (1906) = **B. verticillata**

triphylla Harv. = **B. verticillata**

triphylla Harv. var. *pubescens* Kuntze = **B. verticillata**

triphylla Harv. var. *subglabra* Kuntze = **B. verticillata**

velutina Harv. ex Hiern = **B. verticillata**

verticillata (Eckl. & Zeyh.) Schinz
B. gerrardiana Harv. ex Hiern (1)
B. natalensis Schinz (1)
B. simpliciflora MacOwan, as '*simplicifolia*' in *Index Kewensis* (1906) (1)
B. triphylla Harv. (1)
B. triphylla Harv. var. *pubescens* Kuntze (1)
B. triphylla Harv. var. *subglabra* Kuntze (1)
B. velutina Harv. ex Hiern (1)
Perennial. Shrub, small tree. Ht 0.9–9 m. Alt 610–2135 m. FS, KZN, L, EC

CAMPTOLOMA Benth. 7591000

(1) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 80–84.

rotundifolium Benth.
Chaenostoma corymbosum Marloth & Engl. (1)
Chaenostoma corymbosum Marloth & Engl. var. *huillanum* Diels (1)
Lyperia corymbosa (Marloth & Engl.) N.E.Br. (1)
Sutera corymbosa (Marloth & Engl.) Hiern (1)
Sutera corymbosa (Marloth & Engl.) Hiern var. *huillana* (Diels) Hiern (1)
Sutera welwitschii Skan (1)
Perennial. Herb, dwarf shrub. Ht 0.05–± 0.7 m. Alt 300–700 m. N

CAPRARIA L. 7574000

lanceolata Hort. ex Steud. = **Freylinia lanceolata**

lanceolata L.f., not of Vahl = **Freylinia lanceolata**

longiflora Thunb., name only (not basionym of *Freylinia longiflora* Benth.) = **Freylinia longiflora**

lucida Sol. = **Teedia lucida**

rigida Thunb. = **Ehretia rigida** subsp. **rigida**

salicifolia Hort. ex Benth. = **Freylinia lanceolata**

salicifolia Link. & Otto = **Freylinia lanceolata**

salicifolia Salisb. = **Freylinia lanceolata**

undulata L.f. = **Freylinia undulata**

CELSIA L. 7461000

parvifolia Engl. = **Alectra orobanchoides**

CHAENOSTOMA Benth. 7518000

acutilobum (Pilg.) Thell. = **Jamesbrittenia acutiloba**

aethiopicum (L.) Benth. in part = **Sutera aethiopica**

affine Bernh. = **Sutera affinis**

ambleophyllum Thell. = **Jamesbrittenia pallida**

annuum Schltr. ex Hiern, name only, in part and excluding var. *laxum* Schltr. ex Hiern = **Manulea annua**

annuum Schltr. ex Hiern var. *laxum* Schltr. ex Hiern, name only = **Manulea paucibarbata**

aspalathoides (Benth.) Wettst. ex Diels = **Jamesbrittenia aspalathoides**

aurantiacum (Burch.) Thell. = **Jamesbrittenia aurantiaca**

breviflorum (Schltr.) Diels = **Jamesbrittenia breviflora**

burkeanum (Benth.) Wettst. ex Diels = **Jamesbrittenia burkeana**

calycinum Benth. = **Sutera calycina**

calycinum Benth. var. β *laxiflorum* Benth. as '*laxiflora*', name only, in part = **Sutera calycina**

calycinum Benth. var. β *laxiflorum* Benth., as '*laxiflora*', name only, in part = **Sutera patriotica**

campanulatum Benth. = **Sutera campanulata**

canescens (Benth.) Wettst. ex Diels = **Jamesbrittenia canescens** var. **canescens**

cooperi (Hiern) Thell. = **Sutera cooperi**

cordatum (Thunb.) Benth., excluding var. β? *hirsutior* Benth. = **Sutera cordata**

cordatum (Thunb.) Benth. var. β? *hirsutior* Benth., name only = **Sutera cooperi**

corymbosum Marloth & Engl. = **Camptoloma rotundifolium**

corymbosum Marloth & Engl. var. *huillanum* Diels = **Camptoloma rotundifolium**

crassicaule (Benth.) Thell. = **Jamesbrittenia crassicaulis**

croceum (Eckl. ex Benth.) Wettst. ex Diels, illegitimate name = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

cuneatum Benth. = **Sutera hispida**

cuneatum (Benth.) Wettst. ex Diels, not of Benth. = **Jamesbrittenia argentea**

denudatum Benth. in part = **Sutera affinis**

denudatum Benth. in part = **Sutera denudata**

dielsianum (Hiern) Thell. = **Jamesbrittenia racemosa**

?*divaricatum* Diels (type lost in Berlin) = **Manulea annua**

fasciculatum Hort. in synonym = **Sutera uncinata**

fastigiatum Benth., excluding synonym *Manulea cephalotes* Thunb. = **Sutera aethiopica**

fastigiatum Benth. var. *glabratum* Benth. name only, in part = **Sutera aethiopica**

fleckii Thell. = **Jamesbrittenia fleckii**

floribundum Benth. = **Sutera floribunda**

foetidum (Andrews) Benth. = **Sutera foetida**

fraternum (Hiern) Thell. = **Jamesbrittenia thunbergii**

fruticosum (Benth.) Wettst. = **Jamesbrittenia fruticosa**

glabratum Benth. in part = **Sutera denudata**

glabratum Benth. in part = **Sutera glabrata**

glabratum Benth. in part = **Sutera uncinata**

?*gracile* Diels (type lost in Berlin) = **Jamesbrittenia thunbergii**

halimifolium Benth. = **Sutera halimifolia**

hereroense Engl. = **Jamesbrittenia hereroensis**

heucherifolia Diels = **Jamesbrittenia heucherifolia**

hispidum (Thunb.) Benth., excluding var. β? *breviflorum* Benth. = **Sutera hispida**

?*hispidum* (Thunb.) Benth. var. β? *breviflorum* Benth. = **Sutera hispida × Sutera caerulea**

huillanum Diels = **Jamesbrittenia huillana**

integrifolium (L.f.) Benth., excluding var. *parvifolium* Benth. = **Sutera integrifolia**

?*integrifolium* (L.f.) Benth. var. *parvifolium* Benth., name only = **Sutera hispida**

?*jacottetianum* Thell. = **Jamesbrittenia pristisepala × Jamesbrittenia breviflora**

kraussianum Bernh. = **Jamesbrittenia kraussiana**

laxiflorum Benth. = **Sutera halimifolia**

linifolium (Thunb.) Benth. = **Sutera uncinata**

linifolium (Thunb.) Benth. var. *hispidum* Bernh., naked name = **Sutera uncinata**

litorale (Schinz) Wettst. ex Diels = **Jamesbrittenia fruticosa**

lyperioides Engl. = **Jamesbrittenia lyperioides**

macrosiphon Schltr. = **Sutera macrosiphon**

marifolium Benth., excluding synonym *Manulea virgata* Thunb. = **Sutera marifolia**

micranthum (Klotzsch) Engl. = **Jamesbrittenia micrantha**

microphyllum (L.f.) Wettst. = **Jamesbrittenia microphylla**

molle (Benth.) Wettst. ex Diels = **Jamesbrittenia pinnatifida**

montanum Diels = **Jamesbrittenia montana**

natalense Bernh. = **Sutera floribunda**

neglectum J.M.Wood & M.S.Evans = **Sutera neglecta**

pauciflorum Benth. in part = **Sutera cordata**

pauciflorum Benth. in part = **Sutera pauciflora**

pedicellatum (Klotzsch) Engl. = **Jamesbrittenia micrantha**

pedunculosum Benth. = **Jamesbrittenia pedunculosa**

phlogiflorum (Benth.) Wettst. ex Diels = **Jamesbrittenia phlogiflora**

pinnatifidum (L.f.) Wettst. ex Diels = **Jamesbrittenia pinnatifida**

polyanthum Benth. = **Sutera polyantha**

polyanthum of authors, not of Benth.: Loudon (1843) and others, misapplied name = **Sutera campanulata**

primuliflorum Thell. = **Jamesbrittenia primuliflora**

procumbens Benth. = **Sutera polyantha**

pumilum Benth. = **Sutera halimifolia**

racemosum Benth., not of Wettst. ex Diels. = **Sutera racemosa**

racemosum (Benth.) Wettst. ex Diels, not of Benth., illegitimate name = **Jamesbrittenia racemosa**

revolutum (Thunb.) Benth., excluding var. α *glabriusculum* Benth. & var. β *pubescens* Benth. = **Sutera revoluta**

revolutum (Thunb.) Benth. var. β *pubescens* Benth., name only, in part = **Sutera paniculata**

revolutum (Thunb.) Benth. var. β *pubescens* Benth., name only, in part = **Sutera subsessilis**

rotundifolium Benth. = **Sutera rotundifolia**

?*saccharatum* Thell. = **Jamesbrittenia pristisepala** × **Jamesbrittenia breviflora**

schinzianum Thell. = **Jamesbrittenia pallida**

sessilifolium Diels = **Jamesbrittenia sessilifolia**

stenopetalum Diels = **Jamesbrittenia incisa**

subnudum N.E.Br. = **Sutera subnuda**

subspicatum Benth. = **Sutera subspicata**

tomentosum Thell. = **Jamesbrittenia thunbergii**

triste (L.f.) Wettst. = **Lyperia tristis**

triste (L.f.) Wettst. var. *montanum* Diels = **Lyperia tristis**

violaceum Schltr. = **Sutera violacea**

woodianum Diels = **Jamesbrittenia breviflora**

CHAMAECRYPTA Schltr. & Diels 7558010

(1) Schlechter & Diels. 1942. In Diels, *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15,5: 787–789.

diasciifolia Schltr. & Diels
Annual. Herb. Ht 0.02–0.04 m. Alt ± 730 m. NC

CHAMAEGIGAS Dinter 7564010

(1) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1503, as '*Lindernia intrepidus*'.
(2) Walther. 1967. *Mitteilungen aus dem Staatsinstitut für Allgemeine Botanik Hamburg* 12: 189, 190.
(3) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 328–332, 356
Note: these plants have flowers floating on top of water, the length of their stalks depending on water depth.

intrepidus Dinter ex Heil
Lindernia intrepidus (Dinter ex Heil) Oberm. (3)
Perennial. Herb, epihydate, succulent. Ht up to 0.1 m, depending on water depth. Alt 1800–2100 m. N

CHARADROPHILA Marloth 7893000

(1) Hiern. 1904. *FC* 4,2: 370–371.
(2) Weber. 1989. *Botanische Jahrbücher* 111: 87–119.

capensis Marloth
Perennial. Herb. Ht up to 0.1 m. Alt 170–1170 m. WC

CHENOPODIOPSIS Hilliard 7568050

(1) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–319, 337–343.

chenopodioides (Diels) Hilliard
Selago chenopodioides Diels (1)
Annual. Herb. Ht 0.05–0.12 m. Alt ± 330 m. WC

hirta (L.f.) Hilliard
Selago hirta L.f. (1)
Annual. Herb. Ht 0.03–0.25 m. Alt 275–1050 m. WC

retrorsa Hilliard
Annual. Herb. Ht ± 0.08–0.15 m. Alt? WC

COLPIAS E.Mey. ex Benth. 7475000

(1) Hiern. 1904. *FC* 4,2: 168, 169.

mollis E.Mey. ex Benth.
Perennial. Dwarf shrub, lithophyte. Ht 0.02–0.2 m. Alt 300–1035 m. NC

CRATEROSTIGMA Hochst. 7560000

(1) Hiern. 1904. *FC* 4,2: 360–362.
(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 106.
(3) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 730.
(4) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 85–126.

monroi S.Moore = **Lindernia monroi**

nanum (E.Mey. ex Benth.) Engl. = **C. plantagineum**

nanum (E.Mey. ex Benth.) Engl. var. *elatior* Oliv. = **C. wilmsii**

plantagineum Hochst.
C. nanum (E.Mey. ex Benth.) Engl. (4)
Torenia nana E.Mey. ex Benth. (4)
Torenia plantaginea (Hochst.) Benth. (4)
Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 305–1560 m. N, B, LIM, NW, G, M, KZN, EC?

pumilum Hochst.
Torenia pumila (Hochst.) Benth. (4)
Perennial. Herb. Ht? Alt? B

wilmsii Engl. ex Diels
C. nanum (E.Mey. ex Benth.) Engl. var. *elatior* Oliv. (4)
Perennial. Herb, succulent. Ht 0.07–0.2(–0.38) m. Alt 1220–2500 m. LIM, NW, G, FS, WC?, EC?

CREPIDORHOPALON Eb.Fisch. 7560010

(1) Young. 1956. *Candollea* 15: 125.
(2) Fischer. 1989. *Repertorium specierum novarum regni vegetabilis.* 100,9–10: 439–450.
(3) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 183–187.
(4) Seine *et al.* 1995. *Repertorium specierum novarum regni vegetabilis* 106,1–2: 8.

debilis (Skan.) Eb.Fisch.
Lindernia debilis Skan (4)
Lindernia fugax R.G.N.Young (1, 4)
Lindernia minima R.G.N.Young, later homonym, not of Mukkerjee (4)
Annual. Herb. Ht 0.01–0.03 m. Alt? B

spicatus (Engl.) Eb.Fisch.
Lindernia dinteri Schinz (3)
Torenia spicata Engl. (2)
Annual? Herb. Ht 0.01–0.07(–0.15) m. Alt 825–1065 m. N, B, LIM

CROMIDON Compton 7568020

(1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 308, 309.
(2) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–337.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 387, 416.

austerum Hilliard
Annual. Herb. Length 0.02–0.18 m. Alt 900–1065 m. NC

confusum Hilliard
Annual. Herb. Length 0.005–0.1 m. Alt 140–1300 m. NC

corrigioloides (Rolfe) Compton
Selago corrigioloides Rolfe (1)
Annual. Herb. Length 0.01–0.15 m. Alt 760–1675 m. FS, NC, WC, EC

decumbens (Thunb.) Hilliard
Manulea intertexta Herb. Banks, name only (3)
Polycarena intertexta Benth. (2)
Selago cordata E.Mey. (2)
Selago decumbens Thunb. (2)
Perennial. Herb. Length 0.06–0.4 m. Alt 1370–2090 m. NC, WC

dregei Hilliard
Perennial. Herb. Length up to 0.12 m. Alt 1200–1600 m. NC

gracile Hilliard
Annual or perennial? Length ± 0.05–0.15 m. Alt 2000–2200 m. WC

hamulosum (E.Mey.) Hilliard
Selago hamulosa E.Mey. (2)
Annual. Herb. Ht 0.055–0.11 m. Alt 610–915 m. NC

microechinos Hilliard
Annual. Herb. Length 0.004–0.15 m. Alt 1200–1675 m. NC, WC

minutum (Rolfe) Hilliard
Walafrida minuta Rolfe (2)
Annual. Herb. Length 0.03–0.12 m. Alt ± 915 m. N, NC

plantaginis (L.f.) Hilliard
Manulea plantaginea Thunb., illegitimate name (3)
Manulea plantaginis L.f. (2)
Polycarena plantaginea (L.f.) Benth. in part, based on *Manulea plantaginis* L.f (3)
Annual. Herb. Length ± 0.02–0.15 m. Alt 1220–1740 m. NC, WC

pusillum (Roessler) Hilliard
Walafrida pusilla Roessler (2)
Annual. Herb. Length 0.03–0.1 m. Alt? N

varicalyx Hilliard
Annual. Herb. Length ± 0.01–0.14 m. Alt 600–1600 m. NC, WC

CYMBALARIA Hill 7478000

(1) Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 236–238.
(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 183.
(3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 158–160.

muralis P.Gaertn., B.Mey. & Scherb. subsp. **muralis**
Antirrhinum cymbalaria L. (3)
Linaria cymbalaria (L.) Mill. (1)
Short-lived perennial. Herb. Length up to 0.6 m. Alt? G, WC, EC (only garden escape as yet?)

spuria (L.) P.Gaertn., B.Mey. & Scherb. = **Kickxia spuria** subsp. **spuria**

DERMATOBOTRYS Bolus 7492000

(1) Hiern. 1904. *FC* 4,2:206, 207.
(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 188.

saundersii Bolus ex Oliv.
Perennial. Shrub, dwarf shrub, epiphyte. Ht ± 0.5–0.9 m. Alt 100–1005 m. KZN, EC

DIASCIA Link & Otto 7471000

(1) Hiern. 1904. *FC* 4,2: 139–164.
(2) Britten. 1909. *Journal of Botany London* 47: 44, 45.
(3) Phillips. 1913. *Annals of the South African Museum* 9: 122, 123.
(4) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles* 1916: 619.
(5) Merxmüller & Roessler. 1967. *FSWA* 126: 22, 23.
(6) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 312–314.
(7) Hilliard & Burtt. 1984. *Journal of South African Botany* 50: 269–340.
(8) Hilliard & Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 87, 88.
(9) Steiner. 1989. *The Flowering Plants of Africa* 50: t. 1990.
(10) Steiner. 1989. *South African Journal of Botany* 55,2: 250–253.
(11) Steiner. 1992. *Bothalia* 22,1: 13–18.
(12) Steiner. 1992. *South African Journal of Botany* 58,1 & 3: 36–38, 39–47, 202–206.
(13) Steiner. 1995. *South African Journal of Botany* 61,2: 72–79.
(14) Steiner. 1999. *South African Journal of Botany* 65,3: 223–231.
(15) Goldblatt & Manning. 2000. *Strelitzia* 9: 645–648 (includes many unpublished species).
(16) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 26-08-2002).
Note: this genus is under revision by K.E. Steiner.

aliciae Hiern
Annual. Herb. Ht 0.3–0.8 m. Alt ± 305 m. EC

alonsooides Benth.
D. tysonii Hiern (7)
Annual. Herb. Ht 0.06–0.5 m. Alt 914–2000 m. FS, NC, WC, EC

anastrepta Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.12–0.35 m. Alt 1800–3100 m. KZN, L, EC

ausana Dinter
D. runcinata of authors, not of E.Mey. ex Benth.: Dinter (1920); Range (1935) (5)
Nemesia densifolia Grant ex Range, naked name (5)
Annual. Herb. Ht 0.03–0.12 m. Alt? N

austromontana K.E.Steiner
Perennial. Herb. Length up to 0.5 m. Alt 2195–2500 m. KZN, L

avasmontana Dinter = **Sutera patriotica**

barberae Hook.f.
Perennial. Herb. Length 0.1–0.5 m. Alt 1980–3000 m. FS, KZN, L

batteniana K.E.Steiner
Annual. Herb. Ht 0.04–0.2 m. Length up to 0.38 m. Alt 60–180 m. NC

bergiana Benth., not of Link & Otto = **D. sacculata**

bergiana Eckl. ex Hiern, not of Link & Otto = **D. elongata**

bergiana Link & Otto
Annual. Herb. Ht 0.04–0.26 m. Alt 12–490 m. WC

bicolor K.E.Steiner
Annual. Herb. Ht 0.04–0.3 m. Alt 245–560 m. WC

burchellii Benth. = **D. parviflora**

capensis (L.) Britten
Anagallis capensis L. (2)
D. nemophiloides Benth. (2)
Hemimeris bonae-spei L. (2)
Paederota bonae-spei L. (2)
Annual. Herb. Length 0.02–0.4 m. Alt 20–914 m. WC

capsularis Benth.
D. capsularis Benth. var. *flagellaris* Hiern (7)
D. elegans (Hiern) Hiern (7)
Hemimeris elegans Hiern (1)
Perennial, occ. annual. Herb. Ht 0.05–0.9 m. Alt 150–1800 m. FS, L, NC, WC?, EC

capsularis Benth. var. *flagellaris* Hiern = **D. capsularis**

cardiosepala Hiern
Annual. Herb. Ht 0.04–0.2 m. Alt 610–1450 m. NC

cordata N.E.Br.
Perennial. Herb, scrambler. Ht 0.01–0.5 m. Alt 1220–2700 m. FS?, KZN, L

cuneata E.Mey. ex Benth.
Annual. Herb. Ht 0.02–0.12 m. Length up to 0.35 m. Alt 15–915 m. FS, EC

decipiens K.E.Steiner
Annual. Herb. Ht 0.04–0.4 m. Alt 200–760 m. WC, EC

denticulata Benth. = **Nemesia denticulata**

dielsiana Schltr. ex Hiern
Perennial. Herb. Ht up to 0.5 m. Alt? WC

diffusa Benth.

Hemimeris diffusa L.f. in part (16)
Annual. Herb. Ht 0.04–0.2 m. Length up to 0.3 m. Alt 10–975 m. WC

dissecta Hiern = **Alonsoa unilabiata**

dissimulans Hilliard & B.L.Burtt
Annual. Herb. Ht 0.11–0.45 m. Alt 760–915 m. NC

elegans (Hiern) Hiern = **D. capsularis**

ellaphieae K.E.Steiner
Annual. Herb. Length 0.04–0.22 m. Alt 100–150 m. WC

elongata Benth.
D. bergiana Eckl. ex Hiern, not of Link & Otto (16)
Hemimeris peduncularis Lam. (16)
Annual. Herb. Length 0.03–0.4 m. Alt 120–835 m. WC

engleri Diels
D. jonantha Dinter, naked name (5)
Annual. Herb. Ht 0.03–0.2 m. Alt 400–915 m. N, NC

esterhuyseniae K.E.Steiner
Perennial. Herb. Length up to 1 m. Alt? EC

expolita Hiern = **D. racemulosa**

fetcaniensis Hilliard & B.L.Burtt
Perennial. Herb. Length 0.15–± 0.4 m. Alt 1980–3015 m. L, EC

flanaganii Hiern = **D. stachyoides**

fragrans K.E.Steiner
Annual. Herb. Ht 0.06–0.2 m. Length up to 0.23 m. Alt 370–400 m. NC

glandulosa E.Phillips var. *β* **albiflora** E.Phillips
Annual. Herb. Ht? Alt 305–610 m. WC

glandulosa E.Phillips var. **glandulosa** [presumably as '*Nemesia glandulosa* E.Phillips' in (15)]
Annual. Herb. Ht ± 0.1–0.2 m. Alt 305–610 m. WC

gracilis Schltr.
Annual. Herb. Ht 0.05–0.3 m. Alt 140–640 m. NC, WC

heterandra Benth. = **Alonsoa unilabiata**

hexensis K.E.Steiner
Annual. Herb. Length up to 0.32 m. Alt 390–1300 m. NC, WC

humilis K.E.Steiner
Annual. Herb. Length 0.04–0.25 m. Alt 320–1200 m. NC, WC

insignis K.E.Steiner
Annual. Herb. Length 0.16–0.21 m. Alt 640–800 m. NC

integerrima E.Mey. ex Benth.
?*D. moltenensis* Hiern (7)
?*Nemesia hastata* Benth. (7)
Perennial. Herb, scrambler. Ht 0.15–1 m. Alt 1220–3015 m. FS, KZN, L, NC, EC

integrifolia Spreng. ex Eckl. = **Tylophora lycioides**

jonantha Dinter, naked name = **D. engleri**

lewisiae K.E.Steiner
Annual. Herb. Length 0.14–0.28 m. Alt 730–840 m. NC

lilacina Hilliard & B.L.Burtt
Perennial. Herb, lithophyte. Ht 0.02–0.2 m. Alt 1800–2195 m. EC

longicornis (Thunb.) Druce
Antirrhinum longicorne Thunb. (4)
D. thunbergiana Spreng. (4)
Nemesia longicornis (Thunb.) Pers., first as '*longicorne*' (4)
Annual. Herb. Ht 0.03–0.3 m. Alt 90–750 m. NC, WC

macowanii Hiern = **D. rigescens**

macrophylla (Thunb.) Benth.
Hemimeris macrophylla Thunb. (7)
Annual. Herb. Ht 0.05–0.65 m. Length 0.01–0.6 m. Alt 840–1430 m. NC

maculata K.E.Steiner
Annual. Herb. Length up to 0.32 m. Alt 640–1130 m. NC, WC

megathura Hilliard & B.L.Burtt
Perennial. Herb. Length up to 0.45 m. Alt 1770–2400 m. KZN, L

minutiflora Hiern
Annual. Herb. Ht 0.02–0.35 m. Alt 195–1065 m. N, NC

mollis Hilliard & B.L.Burtt
D. transkeiana Hilliard & B.L.Burtt (14)
Annual. Herb. Ht 0.3–1 m. Alt 0–1520 m. EC

?*moltenensis* Hiern = **D. integerrima**

monasca Hiern = **D. patens**

montana (L.f.) Spreng. = **Hemimeris racemosa**

namaquensis Hiern
Annual. Herb. Ht 0.02–0.4 m. Alt 240–1280 m. NC, WC

nana Diels
Annual. Herb. Ht 0.02–0.15 m. Alt 670–1160 m. NC, WC

nemophiloides Benth. = **D. capensis**

nodosa K.E.Steiner
Annual. Herb. Ht 0.03–0.21 m. Alt 140–700 m. NC

nutans Diels = **Alonsoa unilabiata**

pachyceras E.Mey. ex Benth.
Annual. Herb. Ht 0.04–0.32 m. Alt 30–305 m. WC

parviflora Benth.
D. burchellii Benth. (7)
Annual. Herb. Ht 0.03–0.6 m. Alt 60–1465 m. NC, WC

patens (Thunb.) Grant ex Fourc.
Antirrhinum patens Thunb. (7)
D. monasca Hiern (7)
Linaria patens (Thunb.) Spreng. (7)
Nemesia patens (Thunb.) G.Don (7)
Perennial? Suffrutex, scrambler. Ht 0.4–1 m. Alt 500–1372 m. WC, EC

pentheri Schltr.
Annual. Herb. Ht 0.03–0.05 m. Alt ± 760 m. WC

personata Hilliard & B.L.Burtt
D. rigescens of author, not of E.Mey. ex Benth.: Batten & Bokelmann (1966) (7)
Perennial. Herb. Ht 0.3–1.3 m. Alt 0–914 m. EC

purpurea N.E.Br.
Perennial. Herb. Ht 0.15–0.4 m. Alt 1555–3050 m. FS, KZN, L?

racemulosa Benth.
D. expolita Hiern (7)
D. ramulosa E.Mey. (1)
Annual. Herb. Length 0.45–0.75 m. Alt 305–610 m. EC

ramosa Scott-Elliot
Perennial? Herb. Ht 0.3–0.75 m. Alt 1220–1370 m. KZN

ramulosa E.Mey. = **D. racemulosa**

rigescens E.Mey. ex Benth.
D. macowanii Hiern (7)
D. rigescens E.Mey. ex Benth. var. *angustifolia* Benth. (7)
D. rigescens E.Mey. ex Benth. var. *bractescens* Hiern (7)
Perennial. Herb. Ht 0.3–1.3 m. Alt 305–1675 m. KZN, EC

rigescens E.Mey. ex Benth. var. *angustifolia* Benth. = **D. rigescens**

rigescens E.Mey. ex Benth. var. *bractescens* Hiern = **D. rigescens**

rigescens E.Mey. ex Benth. var. **montana** Diels (insufficiently known) (7)

rigescens of author, not of E.Mey. ex Benth.: Batten & Bokelmann (1966) = **D. personata**

rotundifolia Hiern = **Diclis rotundifolia**

rudolphii Hiern
Annual. Herb. Ht 0.02–0.3 m. Alt 120–1675 m. NC, WC

runcinata E.Mey. ex Benth.
Annual. Herb. Ht 0.03–0.3 m. Alt 610–1065 m. N, NC

runcinata of authors, not of E.Mey. ex Benth.: Dinter (1920); Range (1935) = **D. ausana**

sacculata Benth.
D. bergiana Benth., not of Link & Otto (1)
Annual. Herb. Ht 0.03–0.3 m. Alt 20–1020 m. NC, WC, EC

scullyi Hiern = **Hemimeris racemosa**

?*sinuata* (Sm.) Druce = **Alonsoa unilabiata**

stachyoides Schltr. ex Hiern
D. flanaganii Hiern (7)
Perennial. Herb. Ht 0.15–0.45 m. Alt 1920–2010 m. L, EC

stricta Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.01–0.2 m. Length up to 0.5 m. Alt 1770–2610 m. NC, EC

tanyceras E.Mey. ex Benth.
Annual. Herb. Ht 0.03–0.6 m. Alt 110–1140 m. NC, WC

thunbergiana Spreng. = **D. longicornis**

transkeiana Hilliard & B.L.Burtt = **D. mollis**

tugelensis Hilliard & B.L.Burtt
Perennial. Herb. Length ± 0.45 m. Alt 1800–3355 m. FS, KZN

tysonii Hiern = **D. alonsooides**

unilabiata (L.f.) Benth. = **Alonsoa unilabiata**

veronicoides Schltr.
Annual. Herb. Length 0.01–0.75 m. Alt 60–1350 m. NC, WC

vigilis Hilliard & B.L.Burtt
Perennial. Herb. Length 0.13–± 0.5 m. Alt 1800–2440 m. FS, KZN, L

DICLIS Benth. 7477000

(1) Hiern. 1904. *FC* 4,2: 200–203.
(2) Merxmüller & Roessler. 1967. *FSWA* 126: 23.
(3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 311.
(4) Philcox. 1990. *FZ* 8,2: 12–14.

petiolaris Benth.
Anarrhinum pechuelii Kuntze (2)
D. viridis Marloth ex Engl., naked name (4)
Hemimeris sessilifolia Benth. (1846) in part, not of Benth. (1836) (1)
Annual. Herb. Length 0.02–0.25 m. Alt 245–1400 m. N, B, LIM, NW, G, M, FS, NC

reptans Benth.
D. reptans Benth. in part; Hiern (1904) in part (3)
D. reptans Benth. var. *serrodentata* Kuntze (3)
Perennial, occ. annual. Herb. Length 0.02–0.4 m. Alt 2–2415 m. LIM, M, S, FS, KZN, L, WC, EC

reptans Benth. in part; Hiern (1904) in part = **D. reptans**

reptans Benth. in part; Hiern (1904) in part = **D. rotundifolia**

reptans Benth. var. *serrodentata* Kuntze = **D. reptans**

reptans Benth. var. *subedentata* Kuntze = **D. rotundifolia**

rotundifolia (Hiern) Hilliard & B.L.Burtt
D. reptans Benth. in part; Hiern (1904) in part (3)
D. reptans Benth. var. *subedentata* Kuntze (3)
Diascia rotundifolia Hiern (3)
Perennial, occ. annual. Herb. Length 0.02–1 m. Alt 40–3200 m. G, M, FS, KZN, L, NC, EC

stellarioides Hiern
Annual. Herb. Ht 0.13–0.3 m. Alt? WC

tenuissima Pilg.
Annual. Herb. Ht 0.01–0.06 m. Alt? N

umbonata Hiern = **Nemesia umbonata**

viridis Marloth ex Engl., naked name = **D. petiolaris**

DINTERA Stapf 7551000

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 24.

pterocaulis Stapf
Annual? Herb, hydrophyte. Length up to 0.1 m. Alt? N

DISCHISMA Choisy 7567000

(1) Rolfe. 1901. *FC* 5,1: 111–116.
(2) Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 90–160.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 649.

affine Schltr. = **D. spicatum**

arenarium E.Mey.
Annual. Herb. Ht 0.02–0.3 m. Alt 30–50 m. WC

capitatum (Thunb.) Choisy
D. clandestinum Schltr., not of E.Mey. (1)
Hebenstretia capitata Thunb. (2)
Selago hispida Sieb. ex Choisy, not of L.f. (1)
Annual. Herb. Ht up to 0.15 m. Alt 60–760 m. WC, EC (garden escape in EC?)

chamaedryfolium (Link ex Jaroscz) Walp. = **D. ciliatum** subsp. **erinoides**

ciliatum (P.J.Bergius) Choisy subsp. **ciliatum**
D. hispidum (Lam.) Sweet (2)
Hebenstretia alba Jacq.f. (2)
Hebenstretia albiflora Hort. botan. berolin. ex Jaroscz (2)
Hebenstretia ciliata P.J.Bergius (2)
Hebenstretia hispida Lam., illegitimate name (2)
Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.15–0.9 m. Alt 3–1220 m. NC, WC

ciliatum (P.J.Bergius) Choisy subsp. **erinoides** (L.f.) Roessler

D. chamaedryfolium (Link ex Jaroscz) Walp. (2)
D. erinoides (L.f.) Sweet (2)
Hebenstretia chamaedryfolia Link ex Jaroscz (2)
Hebenstretia erinoides L.f. (2)
Polycenia lanceolata E.Mey. var. *β glabrata* E.Mey. (2)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 4.5–245 m. WC, EC

ciliatum (P.J.Bergius) Choisy subsp. **flaccum** (E.Mey.) Roessler
D. flaccum E.Mey. (2)
Perennial. Dwarf shrub. Ht? Alt ± 10–30 m. EC

ciliatum (P.J.Bergius) Choisy var. *β* **crassifolium** E.Mey. (insufficiently known) (2)

clandestinum E.Mey.
D. occludens Schltr. (2)
Perennial. Dwarf shrub. Ht 0.02–0.15(–0.2) m. Alt 305–1035 m. NC, WC

clandestinum Schltr., not of E.Mey. = **D. capitatum**

crassum Rolfe
Perennial. Dwarf shrub. Ht ± 0.2–0.5 m. Alt 0–10 m. WC

erinoides (L.f.) Sweet = **D. ciliatum** subsp. **erinoides**

flaccum E.Mey. = **D. ciliatum** subsp. **flaccum**

fruticosum (L.f.) Rolfe as '*fruticosa*'
Hebenstretia fruticosa L.f. (2)
Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt? WC

hispidum (Lam.) Sweet = **D. ciliatum** subsp. **ciliatum**

leptostachyum E.Mey.
Perennial. Dwarf shrub. Ht ± 0.3–? m. Alt 610–760 m. NC, WC

occludens Schltr. = **D. clandestinum**

spicatum (Thunb.) Choisy
D. affine Schltr. (2)
Hebenstretia glandulosa E.Phillips (2)
Hebenstretia pubescens Rolfe (2)
Hebenstretia spicata Thunb. (2)
Annual. Herb. Ht 0.1–0.3(–0.5) m. Alt 40–820 m. N, NC, WC

squarrosum Schltr.
Perennial. Dwarf shrub. Ht ± 0.2–0.6 m. Alt ± 75 m. WC

struthioloides Killick
Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt ± 150 m. NC

tomentosum Schltr.
Perennial. Dwarf shrub. Ht ± 0.06–0.3 m. Alt 700–1220 m. NC?, WC

DOPATRIUM Buch.-Ham. ex Benth. 7541000

(1) Taylor. 1963. *FWTA* edn. 2, 2: 359.
(2) Fischer. 1997. *Nordic Journal of Botany* 17,5: 527–538.

junceum (Roxb.) Buch.-Ham. ex Benth.
Gratiola juncea Roxb. (2)
Annual. Herb, hydrophyte, tenagophyte. Ht 0.04–± 0.3 m. Alt 460–1400 m. B, LIM, M, S

DORATANTHERA Benth. 7466010

linearis Benth. = **Anticharis senegalensis**

senegalensis Walp. = **Anticharis senegalensis**

ERINUS L. 7594000

(1) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 212, 522, 572.

aethiopicus Thunb. = **Zaluzianskya capensis**

africanus L. = **Zaluzianskya villosa**

africanus of author, not of L.: Thunb. (1800, 1823) in part = **Zaluzianskya capensis**

africanus of author, not of L.: Thunb. (1800, 1823) in part = **Zaluzianskya pumila**

capensis L. = **Zaluzianskya capensis**

fragrans Aiton in part, illegitimate name = **Lyperia lychnidea**

fragrans Aiton in part, illegitimate name = **Lyperia tristis**

gracilis Lehm. (insufficiently known) (1)

incisus Thunb. = **Jamesbrittenia incisa**

lychnideus (L.) L.f. in part; Thunb. (1800, 1823), excluding *E. capensis* = **Lyperia lychnidea**

lychnideus of author, not of (L.) L.f.: Lindl. (1823) and others, misapplied name = **Zaluzianskya maritima**

maritimus L.f. = **Zaluzianskya maritima**

patens Thunb. (insufficiently known, possibly *Jamesbrittenia*) (1)

pulchellus Jaroscz (insufficiently known) (1)

selaginoides Thunb. = **Zaluzianskya villosa**

simplex Thunb. = **Buchnera simplex**

tomentosus Thunb., illegitimate name, not of Mill. = **Jamesbrittenia thunbergii**

tristis L.f. = **Lyperia tristis**

umbellatus Burm.f. = **Polycarena capensis**

villosus Thunb. = **Zaluzianskya villosa**

viscosus (Aiton) Salisb. = **Sutera caerulea**

FREYLINIA Pangella ex Colla 7497000

(1) Hiern. 1904. *FC* 4,2: 214–216.
(2) Moore. 1911. *Journal of the Linnean Society, Botany* 40: 152, 153.
(3) Brown. 1931. *Kew Bulletin of Miscellaneous Information* 1931: 61.
(4) Dyer 1959. *The Flowering Plants of Africa* 33: t. 1320.
(5) Van Jaarsveld. 1983. *Journal of South African Botany* 49,1: 57–64.
(6) Van Jaarsveld. 1991. *The Flowering Plants of Africa* 51: t. 2033.
(7) Van Jaarsveld & Kimpton. 1995. *Flowering Plants of Africa* 54: t. 2114.
(8) Van Jaarsveld & Thomas. 1995. *Flowering Plants of Africa* 54: t. 2115.
(9) Van Jaarsveld & Ward-Hilhorst. 1995. *Flowering Plants of Africa* 54: t. 2116.
(10) Van Jaarsveld & Thomas. 1995. *Flowering Plants of Africa* 54: t. 2117.
(11) Goldblatt & Manning. 2000. *Strelitzia* 9: 649, 650, 716.
(12) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 11-05-2003).
(13) Van Jaarsveld & Thomas. 2003. *Flowering Plants of Africa* 58: 112–116, t. 2197.

cestroides Colla, illegitimate name = **F. lanceolata**

crispa Van Jaarsv.
Perennial. Shrub. Ht 1.5–2.5 m. Alt ± 470 m. EC

decurrens Levyns ex Van Jaarsv. = **F. densiflora**

densiflora Benth.
F. decurrens Levyns ex Van Jaarsv. (11)
F. undulata (L.f.) Benth. var. *carinata* Benth. (7)
F. undulata (L.f.) Benth. var. *densiflora* (Benth.) Hiern (7)
F. undulata (L.f.) Benth. var. *macrophylla* Hiern (7)
F. undulata (L.f.) Benth. var. *planifolia* Drège, naked name (7)
Perennial. Shrub. Ht (0.2–)0.5–3 m. Alt 100–915 m. WC

helmei Van Jaarsv.
Perennial. Shrub. Ht up to 2.5 m. Alt 200–300 m. WC

lanceolata (L.f.) G.Don
Buddleja glaberrima Loisel. (1 as '*Budleia*', 3)
Capraria lanceolata Hort. ex Steud. (12)
Capraria lanceolata L.f. not of Vahl (3)
Capraria salicifolia Hort. ex Benth. (1, 3)
Capraria salicifolia Link. & Otto (1, 3, 12)
Capraria salicifolia Salisb. (12)
Cestrum aurantiacum F.Mayer (1, 3, 12, author uncertain)
F. cestroides Colla, illegitimate name (1, 3)
F. oppositifolia Spin, naked name (3)
Perennial. Shrub. Ht 1–4.5 m. Alt 30–1220 m. NC, WC, EC

longiflora Benth.
Capraria longiflora Thunb. name only (not basionym of *F. longiflora* Benth.) (3)
F. undulata (L.f.) Benth. var. *longiflora* (Benth.) Hiern (8)
Perennial. Shrub. Ht 0.3–1.75 m. Alt ± 260 m. WC

oppositifolia Spin, naked name = **F. lanceolata**

rigida (Thunb.) G.Don, as '*Freylinia*?' = **Ehretia rigida** subsp. **rigida**

tropica S.Moore
Perennial. Shrub. Ht 0.6–3 m. Alt 1000–1830 m. LIM, G

undulata (L.f.) Benth.
Capraria undulata L.f. (1)
F. undulata (L.f.) Benth. var. *pubescens* (Benth.) Hiern (3)
F. undulata (L.f.) Benth. var. *villosa* Drège, naked name (1, 3)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 60–1525 m. WC, EC

undulata (L.f.) Benth. var. *carinata* Benth. = **F. densiflora**

undulata (L.f.) Benth. var. *densiflora* (Benth.) Hiern = **F. densiflora**

undulata (L.f.) Benth. var. *longiflora* (Benth.) Hiern = **F. longiflora**

undulata (L.f.) Benth. var. *macrophylla* Hiern = **F. densiflora**

undulata (L.f.) Benth. var. *planifolia* Drège, naked name = **F. densiflora**

undulata (L.f.) Benth. var. *pubescens* (Benth.) Hiern = **F. undulata**

undulata (L.f.) Benth. var. *villosa* Drège, naked name = **F. undulata**

visseri Van Jaarsv.
Perennial. Shrub. Ht up to 3.5 m. Alt? WC

vlokii Van Jaarsv.
Perennial. Shrub. Ht up to 3 m. Alt ± 430 m. WC

FREYLINIOPSIS Engl. 7497030

trothae Engl. = **Manuleopsis dinteri**

GLEKIA Hilliard 7521010

(1) Hiern. 1904. *FC* 4,2: 321 as '*Phyllopodium krebsianum*'.
(2) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 481, 482.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 416–418.

krebsiana (Benth.) Hilliard
Phyllopodium krebsianum Benth. (2)
Perennial. Dwarf shrub. Ht 0.23–0.6 m. Alt 1200–2150 m. L, EC

GLOBULARIOPSIS Compton 7568030

(1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 308, 309.
(2) Hartley & Balkwill. 1990. *South African Journal of Botany* 56: 471–481.
(3) Hilliard. 1999. *The tribe Selagineae*: 16–23.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 650.

adpressa (Choisy) Hilliard
Selago adpressa Choisy (3)
Selago tephrodes E.Mey. in part (3)
Perennial? Herb. Ht 0.15–0.45 m. Alt 200–300 m. WC

montana Hilliard
Selago wittebergensis Compton, not *G. wittebergensis* Compton (3)
Perennial. Dwarf shrub. Length up to 0.3 m. Alt 1370–1465 m. WC

obtusiloba Hilliard
Annual, perennial? Herb. Ht ± 0.3–± 0.4 m. Alt 1065–1370 m. WC

pumila Hilliard
Annual, occ. perennial? Herb. Ht 0.12–0.22 m. Alt? WC

stricta (P.J.Bergius) Hilliard
Selago hispida L.f. var. *major* Choisy (3)
Selago hispida L.f. var. *nana* Choisy (3)
Selago stricta P.J.Bergius (3)
Selago tephrodes E.Mey. in part (3)
Annual, occ. perennial. Herb. Ht 0.07–0.45 m. Alt 275–900 m. NC, WC

tephrodes (E.Mey.) Hilliard
Selago laxiflora Choisy (3)
Selago tephrodes E.Mey. in part (3)
Perennial. Herb, suffrutex. Ht 0.3–1 m. Alt 185–900 m. NC, WC

wittebergensis Compton
Perennial. Dwarf shrub, herb. Ht 0.06–0.15 m. Alt 1200–1525 m. WC

GLUMICALYX Hiern 7593010

(1) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 155–172.
(2) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 315.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 526–532.

alpestris (Diels) Hilliard & B.L.Burtt = **G. nutans**

apiculatus (E.Mey.) Hilliard & B.L.Burtt
Selago apiculata E.Mey. (3)
Walafrida apiculata (E.Mey.) Rolfe (1)
Perennial. Herb. Ht 0.06–0.25 m. Alt 2200–2560 m. EC

flanaganii (Hiern) Hilliard & B.L.Burtt
Zaluzianskya flanaganii Hiern (1)
Perennial. Herb, dwarf shrub. Ht 0.15–0.6 m. Alt 1900–3350 m. KZN, L, EC

goseloides (Diels) Hilliard & B.L.Burtt
Zaluzianskya goseloides Diels (1)
Perennial. Herb. Ht up to 0.45 m. Alt 1600–2800 m. FS, KZN, EC

lesuticus Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.1–0.35 m. Alt 2550–3180 m. L

montanus Hiern
Perennial. Herb. Ht 0.15–0.3 m. Alt 1800–3050 m. FS, KZN, L, EC

nutans (Rolfe) Hilliard & B.L.Burtt
G. alpestris (Diels) Hilliard & B.L.Burtt (2)
Selago cephalophora of author, not of Thunb.: E.Mey. (1837), misapplied name (3)
Selago nutans Rolfe (2)
Zaluzianskya alpestris Diels (3)

Perennial. Herb. Length 0.1–0.45 m. Alt 1800–3350 m. FS, KZN, L, EC

GOSELA Choisy 7570000

(1) Rolfe 1901. *FC* 5,1: 177, 178.
(2) Hartley & Balkwill. 1990. *The South African Journal of Botany* 56,4: 471–481.
(3) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 13.

eckloniana Choisy
Perennial. Dwarf shrub, shrub. Ht 0.4–0.8 m. Alt 515–1100 m. NC, WC

GRATIOLA L. 7542000

juncea Roxb. = **Dopatrium junceum**

monnieria L., illegimate name = **Bacopa monnieri**

parviflora Roxb. = **Lindernia parviflora**

HALLERIA L. 7493000

(1) Hiern. 1904. *FC* 4,2; 207–210.
(2) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 961.
(3) Philcox. 1990. *FZ* 8,2: 16–18.

elliptica Thunb.
H. elliptica Thunb.: Drège (1843) as '*Hallia elliptica*' (1)
H. lucida L. var. β L. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 90–915 m. WC

elliptica Thunb.: Drège (1843) as '*Hallia elliptica*' = **H. elliptica**

lucida L. excluding var. β L.
Perennial. Tree, shrub. Ht (0.3–)0.6–12 m. Alt 20–2225 m. N, B, NW, G, M, S, FS, KZN, L, NC, WC, EC

lucida L. var. β L. = **H. elliptica**

lucida L. var. **crispa** Drège (insufficiently known) (1)

ovata Benth.
Perennial. Shrub. Ht 1.5–3.5 m. Alt ± 400 m. WC

HEBENSTRETIA L. 7566000

(1) Rolfe. 1901. *FC* 5,1: 96–111.
(2) Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 1–89, 116–145.
(3) Roessler. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 183–186.
(4) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 68–71.
(5) Retief & Herman. 1997. *Strelitzia* 6: 617, 618.
(6) Goldblatt & Manning. 2000. *Strelitzia* 9: 651.
Note: often as *Hebenstreitia* in older literature.

alba Jacq.f. = **Dischisma ciliatum** subsp. **ciliatum**

albiflora Hort. botan. berolin. ex Jaroscz = **Dischisma ciliatum** subsp. **ciliatum**

angolensis Rolfe
H. bequaertii De Wild. (1)
H. dentata of authors, not of L.: Rolfe (1900) [not 'Hiern (1904)' as in Mielcarek (1996)] and many subsequent authors, misapplied name (2)
H. holubii Rolfe (4)
Perennial. Herb, occ. somewhat woody. Ht 0.25–1(–1.5) m. Alt 850–2440 m. N, B, LIM, NW, G, M, FS?, L?

anomala Roessler
Annual. Herb. Ht ± 0.1–0.15 m. Alt? NC

aurea Andrews = **H. integrifolia**

basutica E.Phillips = **H. dura**

bequaertii De Wild. = **H. angolensis**

capitata Thunb. = **Dischisma capitatum**

chamaedrifolia Link ex Jaroscz = **Dischisma ciliatum** subsp. **erinoides**

ciliata P.J.Bergius = **Dischisma ciliatum** subsp. **ciliatum**

comosa Hochst.
H. comosa Hochst. var. β (?) *integrifolia* Rolfe (2)
H. comosa Hochst. var. *serratifolia* Gard. Chron. 1892 (1)
H. elongata Bolus ex Rolfe (2)
Perennial. Herb. Ht (0.1–)0.2–0.3(–1.2) m. Alt 0–2835 m. LIM, NW, M, G, S, FS, KZN, EC

comosa Hochst. var. β (?) *integrifolia* Rolfe = **H. comosa**

comosa Hochst. var. *serratifolia* Gard. Chron. 1892 = **H. comosa**

cooperi Rolfe = **H. dura**

cordata L.
Polycenia cordata (L.) E.Mey. (2)
Polycenia dregei Gand. (2)
Perennial. Dwarf shrub. Ht 0.15–0.3(–0.6) m. Alt 2–20 m. N, NC, WC, EC

crassifolia Choisy = **H. robusta**

dentata L.
H. dentata L.: Rolfe (1901) in part (2)
H. dentata L. var. β *integrifolia* E.Mey. in part (1)
H. filifolia Gand. (2)
H. laxifolia E.Phillips (2)
H. pulchella Salisb., illegitimate name (2)
Annual. Herb. Ht (0.06–)0.1–0.4(–0.6) m. Alt 50–700 m. NC, WC

dentata L.: Rolfe (1901) in part = **H. dentata**

dentata L. var. β *integrifolia* E.Mey. in part = **H. dentata**

dentata L. var. β *integrifolia* E.Mey. in part = **H. integrifolia**

dentata L. var. β *integrifolia* (L.) Choisy = **H. integrifolia**

dentata L. var. γ *parvifolia* Choisy = **H. integrifolia**

dentata of authors, not of L.: Rolfe (1900) [not 'Hiern (1904)' as in Mielcarek (1996)] and many subsequent authors, misapplied name = **H. angolensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. dura**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. namaquensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. paarlensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. robusta**

discoidea E.Mey. = **H. repens**

dregei Rolfe
Polycenia fruticosa E.Mey. not *H. fruticosa* L.f. (2)
Perennial. Dwarf shrub. Ht ± 0.3–0.5 m. Alt 305–610 m. WC

dura Choisy
H. basutica E.Phillips (2)
H. cooperi Rolfe (2)
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
H. fruticosa Sims, illegitimate name, not of L.f., var. α *dura* (Choisy) Rolfe (2)

H. fruticosa Sims, illegitimate name, not of L.f., var. *γrobusta* Rolfe (2)
H. sutherlandi Rolfe (2)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6(–2) m. Alt 5–3475 m. LIM, G, M, FS, KZN, L, EC

elongata Bolus ex Rolfe = **H. comosa**

erinoides L.f. = **Dischisma ciliatum** subsp. **erinoides**

fastigiosa Jaroscz
H. macrostylis Schltr. (1)
Annual. Herb. Ht 0.05–0.2(–0.37) m. Alt 105–914 m. WC

?*fenestrata* (E.Mey.) Rolfe = **H. repens**

filifolia Gand. = **H. dentata**

fruticosa L.f. = **Dischisma fruticosum**

fruticosa Sims, illegitimate name, not of L.f., var. *α dura* (Choisy) Rolfe = **H. dura**

fruticosa Sims, illegitimate name, not of L.f., var. *β lanceolata* Choisy (of uncertain taxonomic rank) (2)

fruticosa Sims, illegitimate name, not of L.f., var. *γ robusta* Rolfe = **H. dura**

glandulosa E.Phillips = **Dischisma spicatum**

glaucescens Schltr.
Annual. Herb, but woody at base. Ht 0.01–0.15 m. Alt 140–1370 m. WC

hamulosa E.Mey.
Annual. Herb. Ht 0.05–0.15 m. Alt 455–915 m. NC

hispida Lam., illegitimate name = **Dischisma ciliatum** subsp. **ciliatum**

holubii Rolfe = **H. angolensis**

integrifolia L.
H. aurea Andrews (2)
H. dentata L. var. *β integrifolia* E.Mey. in part (1)
H. dentata L. var. *β integrifolia* (L.) Choisy (1)
H. dentata L. var. *γparvifolia* Choisy (1)
H. scabra Thunb. (2)
H. tenuifolia Schrad. ex Rchb., not of E.Mey.(2)
H. virgata E.Mey. (2)
H. watsonii Rolfe as '*watsoni*'(2)
Annual. Herb, but base sometimes somewhat woody. Ht 0.1–0.6(–1) m. Alt 5–1830 m. N, B, NC, WC, EC

integrifolia of author, not of L.: Merxmüller & Roessler (1967) in part = **H. parviflora**

kamiesbergensis Roessler
Perennial? Suffrutex. Ht 0.5–0.6 m. Alt? NC

lanceolata (E.Mey.) Rolfe
H. leucostachys Schltr. (2)
Polycenia lanceolata E.Mey., excluding var. *β glabrata* E.Mey. (2)
Perennial. Dwarf shrub. Ht ± 0.2–0.6 m. Alt 460–1220 m. WC

laxifolia E.Phillips = **H. dentata**

leucostachys Schltr. = **H. lanceolata**

?*macra* E.Mey. = **H. robusta**

macrostylis Schltr. = **H. fastigiosa**

minutiflora Rolfe
H. parviflora E.Mey. var. *β denticulata* Choisy (2)
Annual. Herb. Ht 0.05–0.2 m. Alt 1220–1525 m. NC

namaquensis Roessler
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
Perennial. Suffrutex. Ht ± 0.15–0.4 m. Alt 540–1205 m. N, NC, WC

neglecta Roessler
Annual. Herb. Ht (0.07–)0.1–0.3 m. Alt 305–640 m. NC, WC

oatesii Rolfe intermediate between subsp. **oatesii** and subsp. **rhodesiana** Roessler
Perennial. Herb. Ht 0.6–1.83 m. Alt 945–1835 m. LIM, M, S, KZN?

oatesii Rolfe subsp. **oatesii**
H. polystachya Harv. ex Rolfe (2)
Perennial. Herb. Ht (0.6–)0.8–1.8(–2) m. Alt 610–2360 m. LIM, M, S, FS, KZN

oatesii Rolfe subsp. **rhodesiana** Roessler
Perennial. Herb. Ht 0.3–1.2 m. Alt 1465–1500 m. LIM, M

paarlensis Roessler
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
Perennial, but sometimes appearing annual. Suffrutex. Ht 0.15–0.6 m. Alt 30–1830 m. WC

parviflora E.Mey.
H. integrifolia of author, not of L.: Merxmüller & Roessler (1967) in part (2)
H. stenocarpa Schltr. (2)
Annual. Herb. Ht (0.03–)0.05–0.3(–0.4) m. Alt 130–1890 m. N, NC, WC

parviflora E.Mey. var. *β denticulata* Choisy = **H. minutiflora**

polystachya Harv. ex Rolfe = **H. oatesii** subsp. **oatesii**

pubescens Rolfe = **Dischisma spicatum**

pulchella Salisb., illegitimate name = **H. dentata**

ramosissima Jaroscz
Selago squarrosa Choisy (2)
Annual. Herb. Ht 0.05–0.15(–0.2) m. Alt 155–215 m. WC

rehmannii Rolfe
Perennial. Herb. Ht 0.1–0.23 m. Alt 1755–2075 m. M

repens Jaroscz
H. discoidea E.Mey. (2)
?*H. fenestrata* (E.Mey.) Rolfe (2)
?*Polycenia fenestrata* E.Mey. (2)
Polycenia hebenstretioides Choisy (2)
Polycenia tenera Walp. (2)
Annual. Herb. Length 0.04–0.3(–0.5) m. Alt 20–640 m. NC, WC

robusta E.Mey.
H. crassifolia Choisy (2)
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
?*H. macra* E.Mey. (2)
H. robusta E.Mey. var. *β glabrata* E.Mey. (2)
H. tenuifolia E.Mey. in part, not of Schrad. ex Rchb. (1, 2)
Perennial. Dwarf shrub. Ht (0.1–)0.2–0.6 m. Alt 150–1830 m. NC, WC, EC

robusta E.Mey. var. *β glabrata* E.Mey. = **H. robusta**

sarcocarpa Bolus ex Rolfe
Annual. Herb. Ht (0.05–)0.1–0.24 m. Alt 900–915 m. NC

scabra Thunb. = **H. integrifolia**

spicata Thunb. = **Dischisma spicatum**

stenocarpa Schltr. = **H. parviflora**

sutherlandi Rolfe = **H. dura**

tenuifolia E.Mey. in part, not of Schrad. ex Rchb. = **H. robusta**

tenuifolia Schrad. ex Rchb., not of E.Mey. = **H. integrifolia**

virgata E.Mey. = **H. integrifolia**

watsoni Rolfe = **H. integrifolia**

HEMIMERIS L.f. 7472000

(1) Hiern. 1904. *FC* 4,2: 164–168.
(2) Diels. 1910. *Botanische Jahrbücher* 44: 121.
(3) Grant. 1938. *Annals of the Missouri Botanical Garden* 25: 435–453.
(4) Merrill. 1938. *Journal of the Arnold Arboretum* 19: 366.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 651, 652.
(6) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 01-09-2002).

alsinoides Lam = **H. racemosa**

bonae-spei L. = **Diascia capensis**

centrodes Hiern
H. nana Diels (3)
Annual. Herb. Ht 0.02–0.3 m. Alt 610–1100 m. NC

diffusa L.f. in part = **Diascia diffusa**

elegans Hiern = **Diascia capsularis**

gracilis Schltr.
Annual. Herb. Ht 0.04–0.25 m. Alt 330–1350 m. NC, WC

latipes Backh. ex Hiern = **H. racemosa**

macrophylla Thunb. = **Diascia macrophylla**

montana L.f. = **H. racemosa**

montana L.f. var. *β latipes* Benth. = **H. racemosa**

nana Diels = **H. centrodes**

pachyceras Diels = **H. racemosa**

peduncularis Lam. = **Diascia elongata**

racemosa (Houtt.) Merr.
Diascia montana (L.f.) Spreng. (3, 4)
Diascia scullyi Hiern (3, 4)
H. alsinoides Lam. (3, 4)
H. latipes Backh. ex Hiern (3, 4)
H. montana L.f. (4)
H. montana L.f. var. *β latipes* Benth. (3, 4)
H. pachyceras Diels (4)
H. sessilifolia Benth. (1836) & (1846 in part) (3, 4)
Paederota racemosa Houtt. (4)
Annual. Herb. Ht 0.04–0.5 m. Alt 3–1700 m. NC, WC, EC

sabulosa L.f.
Annual. Herb. Ht 0.04–0.5 m. Alt 18–270 m. WC

sessilifolia Benth. (1836) & (1846 in part) = **H. racemosa**

sessilifolia Benth. (1846) in part, not of Benth. (1836) = **Diclis petiolaris**

?*sinuata* Sm. = **Alonsoa unilabiata**

unilabiata (L.f.) Thunb. = **Alonsoa unilabiata**

HERPESTIS C.F.Gaertn. 7546010

africana (Pers.) Steud. = **Bacopa monnieri**

crenata P.Beauv. = **Bacopa crenata**

floribunda R.Br. = **Bacopa floribunda**

monnieria (L.) Kunth, illegitimate name = **Bacopa monnieri**

HOTTONIA Burm. 7532020

indica L. = **Limnophila indica**

ILYSANTHES Raf. 7564000

bolusii Hiern = **Lindernia bolusii**

capensis (Thunb.) Benth. = **Lindernia parviflora**

conferta Hiern = **Lindernia conferta**

dubia of many authors, not of (L.) Barnhart, misapplied name = **Lindernia parviflora**

gratioloides (L.) Benth. var. *capensis* (Benth.) Kuntze as '*gratiolodes*' = **Lindernia parviflora**

muddii Hiern = **Lindernia wilmsii**

nana Engl. = **Lindernia nana**

parviflora (Roxb.) Benth. = **Lindernia parviflora**

pulchella Skan = **Lindernia pulchella**

riparia of author, not of Raf.: Hiern (1901), misapplied name = **Lindernia parviflora**

schlechteri Hiern = **Lindernia nana**

wilmsii Engl. & Diels = **Lindernia wilmsii**

IXIANTHES Benth. 7498000

(1) Hiern. 1904. *FC* 4,2: 216, 217.
(2) Steiner. 1996. *Plant Systematics and Evolution* 201: 131–138.

retzioides Benth.
Perennial. Shrub. Ht 1.2–3 m. Alt 300–1525 m. WC

JAMESBRITTENIA Kuntze 7519010

(1) Hiern. 1904. *FC* 4,2: 243–310 as '*Sutera*'. (Often cited as 'p.p.' (in part) by Hilliard (1994), not all listed here.)
(2) Hemsley & Skan. 1906. *FTA* 4,2: 298–310 as '*Sutera*'. (Most species now *Jamesbrittenia*.)
(3) Phillips 1924. *The Flowering Plants of South Africa* 4: t. 131.
(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 196.
(5) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 484.
(6) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 485.
(7) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 873.
(8) Codd. 1954. *The Flowering Plants of Africa* 30: t. 1162.
(9) Codd.1954. *The Flowering Plants of Africa* 30: t. 1167.
(10) Merxmüller & Roessler. 1967. *FSWA* 126: 43–56 as '*Sutera*'. [All species are now *Jamesbrittenia* except *Sutera caerulea* of author, not of (L.f.) Hiern (now *Sutera patriotica*), *Sutera corymbosa* (now *Camptoloma rotundifolia*) and *Sutera tristis* (now *Lyperia tristis*).]
(11) Philcox. 1990. *FZ* 8,2: 26–33 as '*Sutera*'. (All species are *Jamesbrittenia* except *Sutera levis* (= *Sutera palustris*) and *Sutera floribunda*.)
(12) Hilliard. 1992. *Edinburgh Journal of Botany* 49,2: 225–233.
(13) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 84–212.
(14) Retief & Herman. 1997. Strelitzia 6: 609, 610.
(15) Goldblatt & Manning. 2000. *Strelitzia* 9: 652, 653.
(16) Lemmer. 2003. *Bothalia* 33: 141–143.

accrescens (Hiern) Hilliard
Sutera accrescens Hiern (12)
Sutera brunnea Hiern var. *macrophylla* Hiern in part (13)
Sutera grandiflora of author, not of (Galpin) Hiern: Hemsley & Skan (1906), misapplied name (13)
Perennial. Suffrutex. Length ± 0.2–2 m. Alt 1200–1600 m. LIM, M

acutiloba (Pilg.) Hilliard
Chaenostoma acutilobum (Pilg.) Thell. (13)
Lyperia acutiloba Pilg. (12)
Sutera acutiloba (Pilg.) Overkott ex Roessler (13)
Perennial. Dwarf shrub, lithophyte. Ht ± 0.6 m. Alt? N

adpressa (Dinter) Hilliard

Sutera adpressa Dinter (12)
Annual. Herb. Length ± 0.02–0.3 m. Alt 1005–1025 m. N, NC

albanensis Hilliard
Lyperia pinnatifida (L.f.) Benth. var. *microphylla* Benth. (13)
Perennial. Dwarf shrub. Ht to ± 0.45 m. Alt 70–550 m. WC, EC

albiflora (I.Verd.) Hilliard
Manulea linifolia Thunb. var. *β heterophylla* Kuntze (13)
Sutera albiflora I.Verd. (12)
Sutera linifolia (Thunb.) Kuntze var. *heterophylla* (Kuntze) Hiern (13)
Perennial. Dwarf shrub. Length ± 0.1–0.45 m. Alt 1370–1525 m. NW, FS, NC

albomarginata Hilliard
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 20–230 m. WC

amplexicaulis (Benth.) Hilliard
Lyperia amplexicaulis Benth. (12)
Sutera amplexicaulis (Benth.) Hiern (13)
Perennial. Herb. Length ± 0.2–0.45 m. Alt? NC

argentea (L.f.) Hilliard
Buchnera pedunculata Andrews (13)
Chaenostoma cuneatum (Benth.) Wettst. ex Diels, not of Benth. (13)
Lyperia argentea (L.f.) Benth. excluding var. *β* Benth. (13)
Lyperia cuneata Benth. (13)
Lyperia kraussiana (Bernh.) Benth. var. *β latifolia* Benth. (13, may be hybrid)
Lyperia pedunculata (Andrews) Benth. (13)
Manulea argentea L.f. (12)
Manulea pedunculata (Andrews) Pers. (13)
Sutera argentea (L.f.) Hiern in part (13)
Sutera kraussiana (Bernh.) Hiern var. *latifolia* (Benth.) Hiern (13 implied)
Sutera pedunculata (Andrews) Hiern in part (13)
Sutera phlogiflora (Benth.) Hiern in part (13)
Sutera rhombifolia Schinz (13)
Perennial. Shrub. Ht ± 0.75–1.5 m. Alt 0–600 m. WC, EC

aridicola Hilliard
Annual. Herb. Ht ± 0.025–0.6 m. Alt 880–915 m. N, NC

aspalathoides (Benth.) Hilliard
Chaenostoma aspalathoides (Benth.) Wettst. ex Diels (13)
Lyperia aspalathoides Benth. in part (13)
Sutera aspalathoides (Benth.) Hiern in part (13)
Perennial. Dwarf shrub. Ht ± 0.2–0.5 m. Alt 0–1070 m. WC, EC

aspleniifolia Hilliard
Perennial. Dwarf shrub, lithophyte. Ht ± 0.35 m. Alt 1675–2300 m. L, EC

atropurpurea (Benth.) Hilliard subsp. **atropurpurea**
Chaenostoma croceum (Eckl. ex Benth.) Wettst. ex Diels, illegitimate name (13)
Lyperia atropurpurea Benth. in part (13)
Lyperia crocea Eckl. ex Benth., illegitimate name (13)
Manulea atropurpurea (Benth.) Kuntze (13)
Sutera atropurpurea (Benth.) Hiern (13)
Perennial. Dwarf shrub or shrub. Ht ± 1 m. Alt 300–2000 m. NW, G, FS, L, NC, WC, EC

atropurpurea (Benth.) Hilliard subsp. **pubescens** Hilliard
Sutera atropurpurea (Benth.) Hiern: Philcox (1990) in part and excluding *Lyperia aspalathoides* (Benth.) Hiern (13)
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 900–1220 m. N, B, NC

aurantiaca (Burch.) Hilliard
Buchnera aurantiaca Burch. (12)
Chaenostoma aurantiacum (Burch.) Thell. (13)
Lyperia multifida Benth. (13)
Lyperia pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part (13)
Manulea multifida (Benth.) Kuntze (13)
Sutera aurantiaca (Burch.) Hiern; Hiern (1904) in part (13)
Perennial, but sometimes appearing annual. Herb. Length ± 0.06–0.3(–0.75) m. Alt 1370–1900 m. N, B, NW, G, M, FS, KZN, L, NC, EC

barbata Hilliard
Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.15–0.35 m. Alt? N

bergae P.Lemmer
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt ± 1060 m. LIM

beverlyana (Hilliard & B.L.Burtt) Hilliard
Sutera beverlyana Hilliard & B.L.Burtt (12)
Perennial. Herb. Length ± 0.35 m. Alt ± 2325 m. L

bicolor (Dinter) Hilliard
Sutera amplexicaulis of author, not of (Benth.) Hiern: Merxmüller & Roessler (1967), misapplied name (13)
Sutera bicolor Dinter (12)
Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.1–0.5 m. Alt? N

breviflora (Schltr.) Hilliard
Chaenostoma breviflorum (Schltr.) Diels (13)
Chaenostoma woodianum Diels (13)
Lyperia breviflora Schltr. (12)
Lyperia punicea N.E.Br. (13)
Sutera breviflora (Schltr.) Hiern (13)
Perennial. Herb. Length ± 0.15–0.6 m. Alt 975–2400 m. KZN, L, EC

burkeana (Benth.) Hilliard
Chaenostoma burkeanum (Benth.) Wettst. ex Diels (13)
Lyperia burkeana Benth. (12)
Sutera burkeana (Benth.) Hiern in part (13)
Suffrutex, occ shrub. Length ± 0.3–1.5 m. Alt ± 750–1800 m. B, LIM, NW, G, S, KZN

calciphila Hilliard
Perennial. Dwarf shrub, lithophyte. Length 0.1–0.45 m. Alt up to 200 m. WC

candida Hilliard
Perennial. Suffrutex. Length ± 0.3–0.5 m. Alt 860–1375 m. LIM

canescens (Benth.) Hilliard var. **canescens**
Chaenostoma canescens (Benth.) Wettst. ex Diels (13)
Lyperia canescens Benth. (12)
Sutera canescens (Benth.) Hiern; Merxmüller & Roessler (1967) in part, excluding *Lyperia seineri* Pilg., *L. confusa* Dinter, *L. pilgeriana* Dinter and *Sutera canescens* (Benth.) Hiern var. *laevior* Dinter (13)
Sutera dioritica Dinter (13)
Perennial. Dwarf shrub or herb. Length ± 0.15–0.75 m. Alt 550–1300 m. N, NC

canescens (Benth.) Hilliard var. **laevior** (Dinter) Hilliard
Sutera canescens (Benth.) Hiern var. *laevior* Dinter (12)
Perennial. Dwarf shrub or herb. Length ± 0.15–0.75 m. Alt ± 1525 m. N

canescens (Benth.) Hilliard var. **seineri** (Pilg.) Hilliard
Lyperia confusa Dinter (13)
Lyperia seineri Pilg. (12)
Sutera canescens (Benth.) Hiern, in sense of Hemsley & Skan (1906) in part (13)
Sutera micrantha Hiern, in sense of Philcox (1990) in part (13)
Perennial. Dwarf shrub or herb. Length ± 0.15–0.75 m. Alt 840–885 m. N, B, NC

chenopodioides Hilliard
Perennial, but sometimes appearing annual. Herb, becoming woody below. Ht 0.3–1 m. Alt? N

concinna (Hiern) Hilliard
Sutera concinna Hiern (12)
Sutera tenuis Pilg. (13)
Annual. Herb. Length ± 0.02–0.4 m. Alt ± 1240 m. N, B

crassicaulis (Benth.) Hilliard
Chaenostoma crassicaule (Benth.) Thell. (13)
Lyperia crassicaulis Benth. in part. (13)
Sutera crassicaulis (Benth.) Hiern in part and excluding var. *purpurea* Hiern and synonym *Lyperia stricta* Benth. (13)
Perennial. Dwarf shrub, lithophyte. Length ± 0.06–0.3 m. Alt 1500–2400 m. EC

dentatisepala (Overkott) Hilliard
Sutera dentatisepala Overkott (12)
Perennial. Dwarf shrub. Length ± 0.15–0.26 m. Alt 1980–3000 m. KZN, L

dolomitica Hilliard
Sutera pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name (13)
Perennial. Dwarf shrub. Ht ± 0.45–1 m. Alt ± 1500 m. N

elegantissima (Schinz) Hilliard
Lyperia elegantissima Schinz (12)
Sutera elegantissima (Schinz) Skan (13)
Perennial. Herb. Length ± 0.15–over 1 m. Alt ± 975 m. N, B

filicaulis (Benth.) Hilliard
Lyperia filicaulis Benth. (12)
Lyperia pinnatifida (L.f.) Benth. var. *canescens* Benth. (13)
Lyperia pinnatifida (L.f.) Benth. var. *subbipinnatisecta* Benth. (13)
Lyperia pinnatifida (L.f.) Benth. var. *visco-pubescens* Benth. (13)
Sutera filicaulis (Benth.) Hiern (13)
Sutera henrici Hiern (13)
Sutera pinnatifida Hiern in part (13)
Sutera virgulosa Hiern (13)
Perennial. Dwarf shrub. Length ± 0.45 m. Alt 800–2100 m. FS, KZN, L, EC

fimbriata Hilliard
Perennial? Dwarf shrub? Length 0.2–? m. Alt? N

fleckii (Thell.) Hilliard
Chaenostoma fleckii Thell. (12)
Sutera pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name (13)
Perennial. Herb. Ht ± 0.2–0.4 m. Alt? N

foliolosa (Benth.) Hilliard
Lyperia foliolosa Benth. (12)
Lyperia pinnatifida (L.f.) Benth. var. *subcanescens* Benth. (13)
Manulea foliolosa (Benth.) Kuntze (13)
Sutera argentea (L.f.) Hiern in part (13)
Sutera foliolosa (Benth.) Hiern in part (13)
Sutera pinnatifida Hiern in part (13)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 0–900 m. WC, EC

fragilis (Pilg.) Hilliard
Sutera fragilis Pilg. (12)
Annual. Herb. Length ± 0.055–0.65 m. Alt ± 1460 m. N

fruticosa (Benth.) Hilliard
Aptosimum oppositifolium (Engl.) E.Phillips (13)
Chaenostoma fruticosum (Benth.) Wettst. (13)
Chaenostoma litorale (Schinz) Wettst. ex Diels (13)
Lyperia fruticosa Benth. (12)
Lyperia litoralis Schinz (13)
Peliostomum oppositifolium Engl. (13)
Sutera fruticosa (Benth.) Hiern (13)
Sutera lilacina Dinter (13)
Sutera litoralis (Schinz) Hiern (13)
Perennial. Dwarf shrub or shrub. Ht ± 1.3 m. Alt 0–1200 m. N, NC, WC

giessii Hilliard
Perennial. Dwarf shrub, lithophyte. Ht ± 0.45 m. Alt up to 2000 m. N

glutinosa (Benth.) Hilliard
Lyperia glutinosa Benth. (12)
Sutera tomentosa Hiern, illegitimate name; Merxmüller & Roessler (1967) in part (13)
Annual or perennial? Herb. Ht 0.02–0.45 m. Alt 400–800 m. N, NC

grandiflora (Galpin) Hilliard
Lyperia grandiflora Galpin (12)
Sutera grandiflora (Galpin) Hiern (13)
Perennial. Dwarf shrub or shrub. Ht ± 0.5–1.2 m. Alt 600–2000 m. M, S

hereroensis (Engl.) Hilliard
Chaenostoma hereroense Engl. (12)
Sutera hereroensis (Engl.) Skan; Merxmüller & Roessler (1967) in part (13)
Sutera pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name (13)
Annual, perennial? Herb. Ht 0.03–0.6 m. Alt 250–800 m. N

heucherifolia (Diels) Hilliard
Chaenostoma heucherifolia Diels (12)
Sutera gossweileri Skan (13)
Sutera heucherifolia (Diels) Hiern (13)
Sutera pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name (13)
Perennial, but sometimes appearing annual. Dwarf shrub. Length ± 0.15–0.7 m. Alt 700–1000 m. N

huillana (Diels) Hilliard
Chaenostoma huillanum Diels (12)
Lyperia dinteri Diels ex Pilg. (13)
Lyperia longituba Dinter (13)
Sutera atropurpurea of authors, not of (Benth.) Hiern: Hemsley & Skan (1906) and others, misapplied name (13)
Sutera brunnea Hiern (13)
Sutera brunnea Hiern var. *macrophylla* Hiern in part (13)
Sutera huillana (Diels) Hiern (13)
Sutera longituba (Dinter) Range (13)
Perennial. Dwarf shrub or shrub. Ht 0.15–1.2 m. Alt 500–2100 m. N, LIM, M, S, KZN, EC

incisa (Thunb.) Hilliard
Chaenostoma stenopetalum Diels (13)
Erinus incisus Thunb. (12)
Lyperia incisa (Thunb.) Benth. (13)
Sutera esculenta Bond (13)
Sutera incisa (Thunb.) Hiern (13)
Sutera stenopetala (Diels) Hiern (13)
Perennial. Dwarf shrub. Length up to 0.3 m. Alt 1190–1610 m. NC

integerrima (Benth.) Hilliard
Lyperia integerrima Benth. (12)
Lyperia squarrosa Pilg. (13)
Manulea linifolia Thunb. var. *integerrima* (Benth.) Kuntze (13)
Sutera argentea (L.f.) Hiern in part (13)
Sutera asbestina Hiern (13)
Sutera ausana Dinter ex Range, name only (13)
Sutera batlapina Hiern (13)
Sutera integerrima (Benth.) Hiern in part (13)
Sutera pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name (13)
Sutera squarrosa (Pilg.) Hiern ex Range (13)
Perennial. Dwarf shrub or herb. Length 0.1–0.6 m. Alt 760–1675 m. N, NC

jurassica (Hilliard & B.L.Burtt) Hilliard
Sutera jurassica Hilliard & B.L.Burtt (12)

Perennial. Herb. Length 0.06–0.12 m. Alt 2500–3230 m. L

kraussiana (Bernh.) Hilliard
Chaenostoma kraussianum Bernh. (12)
Lyperia kraussiana (Bernh.) Benth. excluding var. *β latifolia* Benth. (13)
Manulea kraussiana (Bernh.) Kuntze (13)
Sutera kraussiana (Bernh.) Hiern in part and excluding *Manulea pinnatifida* L.f. and *Selago kraussiana* var. *latifolia* (Benth.) Hiern (13)
Perennial. Herb. Length ± 0.15–0.6 m. Alt 0–800 m. KZN, EC

lesutica Hilliard
Perennial. Dwarf shrub. Ht ± 1 m. Alt 2135–2440 m. L

lyperioides (Engl.) Hilliard
Chaenostoma lyperioides Engl. (12)
Sutera lyperioides (Engl.) Engl. ex Range (13)
Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt 1000–? m. N

macrantha (Codd) Hilliard
Sutera macrantha Codd (12)
Perennial. Dwarf shrub, shrub. Ht ± 0.5–1 m. Alt 335–1280 m. M

major (Pilg.) Hilliard
Lyperia major Pilg. (12)
Sutera major (Pilg.) Range (13)
Perennial. Herb. Ht ± 0.2–0.4 m. Alt 220–800 m. N, NC

maritima (Hiern) Hilliard
Sutera maritima Hiern (12)
Perennial. Herb. Ht ± 0.7 m. Alt 5–185 m. EC

maxii (Hiern) Hilliard
Sutera amplexicaulis of author, not of (Benth.) Hiern: Hemsley & Skan (1906) in part, misapplied name (13)
Sutera maxii Hiern; Merxmüller & Roessler (1967) in part (13)
Perennial. Dwarf shrub or shrub. Ht 0.15–1 m. Alt 0–1000 m. N, NC

megadenia Hilliard
Annual. Herb. Ht 0.06–0.5 m. Alt ± 1190 m. N, NC

megaphylla Hilliard
Annual? Herb. Length ± 0.35–0.6 m. Alt? N, NC

merxmuelleri (Roessler) Hilliard
Sutera merxmuelleri Roessler (12)
Sutera microphylla of authors, not of (L.f.) Hiern: Hiern (1904) in part and others, misapplied name (13)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt ± 200 m. N, NC

micrantha (Klotzsch) Hilliard
Chaenostoma micranthum (Klotzsch) Engl. (13)
Chaenostoma pedicellatum (Klotzsch) Engl. (13)
Lyperia micrantha Klotzsch (12)
Lyperia pedicellata Klotzsch (13)
Sutera blantyrensis Skan (13)
Sutera bolusii Hiern (13)
Sutera fissifolia S.Moore (13)
Sutera luteiflora Hiern in part (13)
Sutera micrantha Hiern; Philcox (1990) in part (13)
Perennial, but sometimes appearing annual. Herb. Length 0.08–0.6 m. Alt up to 1200 m. B, LIM, M, S, KZN

microphylla (L.f.) Hilliard
Chaenostoma microphyllum (L.f.) Wettst. (13)
Lyperia aspalathoides Benth. in part (13)
Lyperia microphylla (L.f.) Benth. (13)
Manulea microphylla L.f. (12)
Sutera densifolia Hiern (13)
Sutera microphylla (L.f.) Hiern in part (13)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 0–150 (–518) m. WC, EC

montana (Diels) Hilliard
Chaenostoma montanum Diels (12)
Sutera luteiflora Hiern in part (13)
Sutera montana (Diels) S.Moore; Hilliard & Burtt (1982) excluding synonym *S. bolusii* Hiern (13)
Perennial, but sometimes appearing annual. Herb. Length ± 0.07–0.4 m. Alt 1070–1500 m. LIM, NW, KZN

multisecta Hilliard
Perennial. Herb. Length ± 0.07–0.2 m. Alt 300–600 m. EC

namaquensis Hilliard
Perennial. Dwarf shrub. Ht ± 0.08–0.6 m. Alt 460–1600 m. NC

pallida (Pilg.) Hilliard
Chaenostoma ambleophyllum Thell. (13)
Chaenostoma schinzianum Thell. (13)
Lyperia glutinosa of author, not of Benth.: Engler (1888), misapplied name (10, 13)
Lyperia pallida Pilg. (12)
Sutera pallida (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, excluding *Chaenostoma fleckii* Thell. (13)
Sutera tomentosa of author, not of Hiern: Hemsley & Skan (1906), misapplied name (10)
Perennial. Dwarf shrub, lithophyte. Ht ± 0.15–0.45 m. Alt 1000–? m. N

pedunculosa (Benth.) Hilliard
Chaenostoma pedunculosum Benth. (12)
Sutera pedunculosa (Benth.) Kuntze (13)
Annual. Herb. Length ± 0.045–0.4 m. Alt 500–1000 m. NC

phlogiflora (Benth.) Hilliard
Chaenostoma phlogiflorum (Benth.) Wettst. ex Diels (13)
Lyperia phlogiflora Benth. (12)
Sutera phlogiflora (Benth.) Hiern in part (13)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 335–610 m. EC

pilgeriana (Dinter) Hilliard
Lyperia pilgeriana Dinter (12)
Sutera pilgeriana (Dinter) Range (4)
Perennial. Dwarf shrub, lithophyte. Ht 0.15–0.3 m. Alt? N

pinnatifida (L.f.) Hilliard
Chaenostoma molle (Benth.) Wettst. ex Diels (13)
Chaenostoma pinnatifidum (L.f.) Wettst. ex Diels (13)
Lyperia mollis Benth. (13)
Lyperia pinnatifida (L.f.) Benth. excluding varieties (13)
Manulea pinnatifida L.f. (12)
Sutera mollis (Benth.) Hiern in part (13)
Perennial. Herb. Length ± 0.3–0.45 m. Alt ± 830 m. NC, WC, EC

primuliflora (Thell.) Hilliard
Chaenostoma primuliflorum Thell. (12)
Sutera primuliflora (Thell.) Range as '*primulina*'(4)
Annual, occ. perennial? Ht 0.025–0.6 m. Alt 900–? m. N

pristisepala (Hiern) Hilliard
Lyperia crassicaulis Benth. in part (13)
Sutera crassicaulis (Benth.) Hiern var. *purpurea* Hiern (13)
Sutera pristisepala Hiern (12)
Perennial. Dwarf shrub, lithophyte. Length 0.35–? m. Alt 1500–3000 m. FS, KZN, L, EC

pristisepala (Hiern) Hilliard × **J. breviflora** (Schltr.) Hilliard
?*Chaenostoma jacottetianum* Thell. (13)
?*Chaenostoma saccharatum* Thell. (13)

Perennial. Dwarf shrub. Ht ± 0.35 m. Alt 1980–2560 m. KZN, L

pristisepala (Hiern) Hilliard × **J. stricta** (Benth.) Hilliard
?*Lyperia crassicaulis* Benth. in part (13)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 2000–2200 m. M?, FS, L, EC

racemosa (Benth.) Hilliard
Chaenostoma dielsianum (Hiern) Thell. (13)
Chaenostoma racemosum (Benth.) Wettst. ex Diels, not of Benth., illegitimate name (13)
Lyperia racemosa Benth. (12)
Sutera dielsiana Hiern (13)
Sutera tomentosa of author, not of Hiern: Le Roux & Schelpe (1988), misapplied name (13)
Annual. Herb. Ht 0.05–0.6 m. Alt 300–900 m. NC, WC

ramosissima (Hiern) Hilliard
Sutera ramosissima Hiern (12)
Perennial. Dwarf shrub or shrub. Ht 0.3–1.5 m. Alt 490–915 m. N, NC

sessilifolia (Diels) Hilliard
Chaenostoma sessilifolium Diels (12)
Sutera gariusana Dinter (13)
Sutera sessilifolia (Diels) Hiern; Merxmüller & Roessler (1967) excluding *Lyperia major* Pilg. (13)
Perennial. Dwarf shrub or shrub. Ht 0.25–1 m. Alt? N

silenoides (Hilliard) Hilliard
Sutera burkeana of author, not of (Benth.) Hiern: Fabian & Germishuizen (1982), misapplied name (13)
Sutera silenoides Hilliard (12)
Perennial. Herb. Length 0.2–0.5 m. Alt 1770–1875 m. LIM, M, KZN

stellata Hilliard
Sutera pedunculata of author, not of (Andrews) Hiern: Levyns (1950), misapplied name (13)
Perennial. Dwarf shrub. Ht ± 0.2–0.4 m. Alt ± 60 m. WC

stricta (Benth.) Hilliard
Lyperia crassicaulis Benth. in part (13)
Lyperia stricta Benth. (12)
Perennial. Dwarf shrub. Length up to 0.45 m. Alt 1300–2200 m. M, FS, KZN, L, NC, EC

tenella (Hiern) Hilliard
Sutera flexuosa Hiern (13)
Sutera hereroensis of author, not of (Engl.) Skan: Merxmüller & Roessler (1967) in part, misapplied name (13)
Sutera pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name (13)
Sutera tenella Hiern (12)
Annual. Herb. Ht ± 0.04–0.4 m. Alt? N, NC

tenuifolia (Bernh.) Hilliard
Lyperia tenuifolia Bernh. (12)
Sutera atrocaerulea Fourc. (13)
Sutera atrocaerulea Fourc. var. *latifolia* Fourc. (13)
Sutera tenuifolia (Bernh.) Fourc. (13)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt up to 800 m. WC, EC

thunbergii (G.Don) Hilliard
Chaenostoma fraternum (Hiern) Thell. (13)
?*Chaenostoma gracile* Diels (type lost in Berlin) (13)
Chaenostoma tomentosum Thell. (13)
Erinus tomentosus Thunb., illegitimate name, not of Mill. (13)
Lyperia tomentosa Pilg. (13)
Manulea tomentosa Benth., mistake for *Manulea thunbergii* G.Don (13)
Manulea thunbergii G.Don (12)
Sutera fraterna Hiern (13)
?*Sutera gracilis* (Diels) Hiern (13)
Annual. Herb. Ht 0.02–0.6 m. Alt 250–1000 m. NC, WC

tortuosa (Benth.) Hilliard
Lyperia atropurpurea Benth. in part (13)
Lyperia tortuosa Benth. (12)
Sutera tortuosa (Benth.) Hiern (13)
Perennial. Dwarf shrub. Length ± 0.15–0.5 m. Alt 300–750 m. WC, EC

tysonii (Hiern) Hilliard
Lyperia pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part (4)
Sutera altoplana Hiern (13)
Sutera tysonii Hiern (12)
Perennial. Dwarf shrub. Length up to 0.3 m. Alt 914–1920 m. NC, EC

zuurbergensis Hilliard
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 610–915 m. EC

*KICKXIA Dumort. 7479000

(1) Hiern. 1904. *FC* 4,2: 204, 205, as '*Linaria spuria*'.
(2) Fernandes. 1972. In Tutin *et al.*, *Flora europaea* 3: 238, 239.
(3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 169–249.
Note: these and other species are sometimes found sporadically as weeds of cultivation but perhaps are not yet naturalised.

elatine (L.) Dumort. subsp. **elatine**
Antirrhinum elatine L. (3)
Annual. Herb. Length up to 1 m. Alt ± 120 m. WC

spuria (L.) Dumort. subsp. **spuria**
Antirrhinum spurium L. (3)
Cymbalaria spuria (L.) P.Gaertn., B.Mey. & Scherb. (1,3)
Linaria spuria (L.) Mill. (3)
Annual. Herb. Length 0.2–0.5 m. Alt ± 152 m. WC

LIMNOPHILA R.Br. name conserved 7532000

(1) Philcox. 1970. *Kew Bulletin* 24: 101–170.
(2) Raynel & Philcox. 1975. *Adansonia* sér. 2, 15: 225–238.
(3) Philcox. 1990. *FZ* 8,2: 43–48.
(4) Fischer. June 1999. *Flore d'Afrique centrale*, Scrophulariaceae Pt 1: 48–60
(5) Craven *et al.* Nov. 1999. *Southern African Diversity Network Report* No. 7: 146.

bangweolensis (R.E.Fr.) Verdc.
Ambulia bangweolensis R.E.Fr. (1)
Annual. Herb, hydrophyte. Ht up to 0.5 m. Alt? B

ceratophylloides (Hiern) Skan excluding synonym *L. fluviatilis* A.Chev. & forma *terrestris* A.Chev.
Ambulia ceratophylloides (Hiern) Engl. & Gilg (1)
L. ceratophylloides (Hiern) Skan: Philcox (1970) in part (3)
L. sessiliflora of author, not of (Vahl) Blume: Merxmüller & Roessler (1967), misapplied name (5)
Stemodiacra ceratophylloides Hiern (3)
Perennial. Herb, hydrophyte, hyperhydate. Ht aerial up to 0.1 m. Length submerged up to 0.4 m. Alt 900–1000 m. N, B

ceratophylloides (Hiern) Skan: Philcox (1970) in part = **L. ceratophylloides**

fluviatilis A.Chev.
Perennial. Herb, amphibious. Ht aerial up to 0.1 m. Length submerged up to 0.35 m. Alt? N

gratioloides R.Br., illegitimate name, including var. *nana* Skan = **L. indica**

indica (L.) Druce
Hottonia indica L. (1)
L. gratioloides R.Br., illegitimate name, including var. *nana* Skan (3)
Perennial. Herb, hydrophyte. Ht aerial 0.025–0.14 m, submerged up to 1 m. Alt? N?, B?, LIM?

sessiliflora of author, not of (Vahl) Blume: Merxmüller & Roessler (1967), misapplied name = **Limnophila ceratophylloides**

LIMOSELLA L. 7558000

(1) Hiern. 1904. *FC* 4,2: 356–360.
(2) Glück. 1934. *Botanische Jahrbücher* 66: 488–565, t. 6–8.
(3) Phillips. 1937. *Flowering Plants of South Africa* 17: t. 655.
(4) Merxmüller & Roessler. 1967. *FSWA* 126: 26–28.
(5) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 212–216.
(6) Philcox. 1990. *FZ* 8,2: 73–75.
(7) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 63–66.
(8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 325.

Note: this genus has long needed revision, and many identifications are uncertain. All plants live under wet conditions, and many are found in places ranging from damp mud to fully submerged. Plant forms appear to be very plastic, depending on the environmental conditions—several species sometimes have small terrestrial forms and larger, somewhat different, submerged or floating ones. Because of this, Glück (1934) proposed habitat forms for many species but they have not been adopted generally.

africana Glück var. **africana**
L. aquatica in sense of Fries (1924), not of L. (7)
Perennial or annual? Herb, hydrophyte. Ht 0.02–0.1 m. Alt? N, B?, NW?, FS?, KZN?, L?, NC, WC?

africana Glück var. **macrosperma** Glück
Perennial or annual? Herb, hydrophyte. Ht up to 0.3 m. Alt? WC

aquatica in sense of Fries (1924), not of L. = **L. africana**

aquatica L.
Annual. Herb, hydrophyte. Ht? Alt? WC?

aquatica L. var. *tenuifolia* (Wolf ex Hoffm.) Hook.f. = **L. australis**

aquatica of author, not of L.: Range (1935) = **L. australis**

australis R.Br.
L. aquatica L. var. *tenuifolia* (Wolf ex Hoffm.) Hook.f. (8)
L. aquatica of author, not of L.: Range (1935) (4)
L. lineata Glück, illegitimate name (4)
L. minuta Dinter & Suess. (4)
L. subulata Ives. (8)
L. tenuifolia Wolf ex Hoffm. (8)
Annual. Herb, hydrophyte. Ht 0.015–0.04 m. Alt ± 1440 m. N?, B?, WC?

capensis Thunb. (1800, 1823) excluding synonym *L. diandra* L.; Benth. (1846) in part; Hiern (1904) in part, illegitimate & misapplied name = **L. grandiflora**

coerulea Burch.
Annual? Herb, hydrophyte. Ht 'tiny'. Alt? NC

grandiflora Benth.
L. capensis Thunb. (1800, 1823) excluding synonym *L. diandra* L.; Benth. (1846) in part; Hiern (1904) in part, illegitimate & misapplied name (5)
L. grandiflora Benth.: Hiern (1904) in part (5)
L. monticola Dinter (2)
Annual? Herb, hydrophyte, occ. epihydate. Ht 0.01–0.3 m. Alt 3–1950 m. N, B, FS, KZN, L, NC, WC, EC

grandiflora Benth.: Hiern (1904) in part = **L. grandiflora**

grandiflora of author, not of Benth.: Hiern (1904) in part = **L. inflata**

inflata Hilliard & B.L.Burtt
L. grandiflora of author, not of Benth.: Hiern (1904) in part (5)
Annual? Herb, epihydate. Ht 0.03–1 m. Alt 1670–3110 m. B?, FS, KZN, L, WC, EC

lineata Glück, illegitimate name = **L. australis**

longiflora Kuntze
Annual? Herb, hydrophyte. Ht ± 0.01–0.05(–0.1) m. Alt 1160–3230 m. N?, NW, M, FS, KZN, L, NC, EC

maior Diels (some other authors use '*major*')
Annual? Herb, hydrophyte. Ht ± 0.01–± 0.3 m. Alt 980–2400 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, EC

minuta Dinter & Suess. = **L. australis**

monticola Dinter = **L. grandiflora**

natans Spreng. ex Drège, invalid name, perhaps not *Limosella* (5)

pretoriensis Suess.
Annual? Herb, hydrophyte. Ht? Alt? G

subulata Ives = **L. australis**

tenuifolia Wolf ex Hoffm. = **L. australis**

vesiculosa Hilliard & B.L.Burtt
Annual? Herb, hydrophyte. Ht ± 0.01–± 0.1 m. Alt 1980–3290 m. KZN, L, EC

*LINARIA Mill. 7480000

(1) Hiern. 1904. *FC* 4,2: 203, 204, excluding *L. spuria.*
(2) Chater *et al.* 1972. In Tutin *et al.*, *Flora europaea* 3: 226–236.
(3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 260–455.

Note: these and other species are sporadically present as garden escapes but are not yet naturalised.

aphylla (L.f.) Spreng. = **Utricularia bisquamata**

capensis Spreng. = **Nemesia fruticans**

cymbalaria (L.) Mill. = **Cymbalaria muralis** subsp. **muralis**

fruticans (Thunb.) Spreng. = **Nemesia fruticans**

genistifolia (L.) Mill.
Perennial. Herb. Ht 0.36–0.9 m. Alt ± 215 m. WC, EC

maroccana Hook.f.
Annual. Herb. Ht 0.1–0.5 m. Alt? G, M, EC (garden escape only?)

patens (Thunb.) Spreng. = **Diascia patens**

scabra Spreng. = **Nemesia macrocarpa**

spuria (L.) Mill. = **Kickxia spuria** subsp. **spuria**

vulgaris Mill.
Antirrhinum linaria L. (1)
Perennial. Herb. Ht 0.15–0.48 m. Alt 1360–2200 m. G, M, FS, KZN, EC

LINDERNIA All. 7562000

(1) Hiern. 1904. *FC* 4,2: 363–367 as '*Ilysanthes*'.
(2) Merxmüller & Roessler. 1967. *FSWA* 126: 28, 29.
(3) Philcox. 1990. *FZ* 8,2: 61–73.
(4) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 214–328.
(5) Retief & Herman. 1997. *Strelitzia* 6: 611.

bolusii (Hiern) Eb.Fisch.
Ilysanthes bolusii Hiern (4)
Annual? Herb. Ht 0.01–0.05 m. Alt ± 1220 m. LIM

capensis Thunb. = **L. parviflora**

conferta (Hiern) Philcox
Ilysanthes conferta Hiern (3)
Annual. Herb, epihydate in ephemeral granite pools. Ht 0.07–0.3(–0.64) m. Alt 1525–2500 m. B, NW, M, FS, KZN, L

debilis Skan = **Crepidorhopalon debilis**

dinteri Schinz = **Crepidorhopalon spicatus**

dongolensis E.A.Bruce = **L. monroi**

fugax R.G.N.Young = **Crepidorhopalon debilis**

intrepidus (Dinter ex Heil) Oberm. = **Chamaegigas intrepidus**

minima R.G.N.Young, later homonym, not of Mukkerjee = **Crepidorhopalon debilis**

monroi (S.Moore.) Eb.Fisch.
Craterostigma monroi S.Moore (4)
L. dongolensis E.A.Bruce (4)
Torenia monroi (S.Moore) Philcox (4)
Annual. Herb. Ht 0.05–0.07 m. Alt? LIM, M

nana (Engl.) Roessler
Ilysanthes nana Engl. (2)
Ilysanthes schlechteri Hiern (4)
Annual, perennial. Herb. Ht 0.01–0.07 m. Alt 90–1740 m. N, LIM, NW, M, FS, KZN

parviflora (Roxb.) Haines
Gratiola parviflora Roxb. (2)
Ilysanthes capensis (Thunb.) Benth. (4)
Ilysanthes dubia of many authors, not of (L.) Barnhart, misapplied name (4 implied)
Ilysanthes gratioloides (L.) Benth. var. *capensis* (Benth.) Kuntze as '*gratiolodes*' (4 implied)
Ilysanthes parviflora (Roxb.) Benth. (2)
Ilysanthes riparia of author, not of Raf.: Hiern (1904), misapplied name (4 implied)
L. capensis Thunb. (4)
Annual. Herb, semi-aquatic, occ. in ephemeral rock pools. Ht 0.04–0.2 m. Alt 4.5–1815 m. N, B, LIM, NW, M, FS, KZN, L, WC, EC

pulchella (Skan) Philcox
Ilysanthes pulchella Skan (3)
Annual, perennial. Herb, semi-aquatic, terrestrial or lithophyte. Ht 0.04–0.15 m. Alt 610–1525 m. G, M, S

wilmsii (Engl. & Diels) Philcox
Ilysanthes muddii Hiern (3)
Ilysanthes wilmsii Engl. & Diels (3)
Annual. Herb, semi-aquatic. Ht 0.02–0.15 m. Alt 670–1525 m. M, S, KZN

LYCHNIDEA Burm. 7517020

tomentosa (L.) Moench = **Manulea tomentosa**

LYPERIA Benth. 7518010

(1) Hilliard. 1991. *Edinburgh Journal of Botany* 48: 341, 342.
(2) Hilliard. 1992. *Edinburgh Journal of Botany* 49: 225–233.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 212–220, 573.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 653.

acutiloba Pilg. = **Jamesbrittenia acutiloba**

amplexicaulis Benth. = **Jamesbrittenia amplexicaulis**

antirrhinoides (L.f.) Hilliard
Manulea antirrhinoides L.f. (1)
Sutera antirrhinoides (L.f.) Hiern in part (1)
Sutera ochracea Hiern (1)
Annual. Herb. Ht 0.025–0.3 m. Alt 180–1065 m. NC, WC

argentea (L.f.) Benth. excluding var. *β* = **Jamesbrittenia argentea**

aspalathoides Benth. in part = **Jamesbrittenia aspalathoides**

aspalathoides Benth. in part = **Jamesbrittenia microphylla**

atropurpurea Benth. in part = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

atropurpurea Benth. in part = **Jamesbrittenia tortuosa**

breviflora Schltr. = **Jamesbrittenia breviflora**

burkeana Benth. = **Jamesbrittenia burkeana**

canescens Benth. = **Jamesbrittenia canescens** var. **canescens**

confusa Dinter = **Jamesbrittenia canescens** var. **seineri**

corymbosa (Marloth & Engl.) N.E.Br. = **Camptoloma rotundifolium**

crassicaulis Benth. in part. = **Jamesbrittenia crassicaulis**

crassicaulis Benth. in part = **Jamesbrittenia pristisepala**

?*crassicaulis* Benth. in part = **Jamesbrittenia pristisepala × Jamesbrittenia stricta**

crassicaulis Benth. in part = **Jamesbrittenia stricta**

crocea Eckl. ex Benth., illegitimate name = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

cuneata Benth. = **Jamesbrittenia argentea**

?*diandra* E.Mey. = **L. violacea**

dinteri Diels ex Pilg. = **Jamesbrittenia huillana**

elegantissima Schinz = **Jamesbrittenia elegantissima**

filicaulis Benth. = **Jamesbrittenia filicaulis**

foliolosa Benth. = **Jamesbrittenia foliolosa**

formosa Hilliard
Annual. Herb. Ht ± 0.2–0.4 m. Alt ± 460 m. WC

fragrans Benth., illegitimate name = **L. lychnidea**

fruticosa Benth. = **Jamesbrittenia fruticosa**

glutinosa Benth. = **Jamesbrittenia glutinosa**

glutinosa of author, not of Benth.: Engler (1888), misapplied name = **Jamesbrittenia pallida**

grandiflora Galpin = **Jamesbrittenia grandiflora**

incisa (Thunb.) Benth. = **Jamesbrittenia incisa**

integerrima Benth. = **Jamesbrittenia integerrima**

kraussiana (Bernh.) Benth. excluding var. *β latifolia* Benth = **Jamesbrittenia kraussiana**

kraussiana (Bernh.) Benth. var. *β latifolia* Benth. = **Jamesbrittenia argentea**

litoralis Schinz = **Jamesbrittenia fruticosa**

longituba Dinter = **Jamesbrittenia huillana**

lychnidea (L.) Druce
Erinus fragrans Aiton in part, illegitimate name (3)
Erinus lychnideus (L.) L.f. in part; Thunb. (1800, 1823), excluding *E. capensis* (3)
L. fragrans Benth., illegitimate name (3)
L. macrocarpa Benth. (3)
Manulea lichnidea (L.) Desr. (3)
Nycterinia fragrans of *Index Kewensis* (1894), name invalid (3)
Selago lychnidea L. (3)
Sutera lychnidea (L.) Hiern (3)

Perennial. Herb. Ht 0.5–1 m. Alt up to 80 m. WC

macrocarpa Benth. = **L. lychnidea**

major Pilg. = **Jamesbrittenia major**

micrantha Klotzsch = **Jamesbrittenia micrantha**

microphylla (L.f.) Benth. = **Jamesbrittenia microphylla**

mollis Benth. = **Jamesbrittenia pinnatifida**

multifida Benth. = **Jamesbrittenia aurantiaca**

pallida Pilg. = **Jamesbrittenia pallida**

pedicellata Klotzsch = **Jamesbrittenia micrantha**

pedunculata (Andrews) Benth. = **Jamesbrittenia argentea**

phlogiflora Benth. = **Jamesbrittenia phlogiflora**

pilgeriana Dinter = **Jamesbrittenia pilgeriana**

pinnatifida (L.f.) Benth. excluding varieties = **Jamesbrittenia pinnatifida**

pinnatifida (L.f.) Benth. var. *canescens* Benth. = **Jamesbrittenia filicaulis**

pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part = **Jamesbrittenia aurantiaca**

pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part = **Jamesbrittenia tysonii**

pinnatifida (L.f.) Benth. var. *microphylla* Benth. = **Jamesbrittenia albanensis**

pinnatifida (L.f.) Benth. var. *subbipinnatisecta* Benth. = **Jamesbrittenia filicaulis**

pinnatifida (L.f.) Benth. var. *subcanescens* Benth. = **Jamesbrittenia foliolosa**

pinnatifida (L.f.) Benth. var. *visco-pubescens* Benth. = **Jamesbrittenia filicaulis**

punicea N.E.Br. = **Jamesbrittenia breviflora**

racemosa Benth. = **Jamesbrittenia racemosa**

seineri Pilg. = **Jamesbrittenia canescens** var. **seineri**

simplex Benth., not *Erinus simplex* Thunb. = **L. tristis**

squarrosa Pilg. = **Jamesbrittenia integerrima**

stricta Benth. = **Jamesbrittenia stricta**

tenuiflora Benth.
Sutera tenuiflora (Benth.) Hiern (3)
Annual. Herb. Ht 0.03–0.2 m. Alt 670–900 m. WC

tenuifolia Bernh. = **Jamesbrittenia tenuifolia**

tomentosa Pilg. = **Jamesbrittenia thunbergii**

tortuosa Benth. = **Jamesbrittenia tortuosa**

tristis (L.f.) Benth.
Chaenostoma triste (L.f.) Wettst. (3)
Chaenostoma triste (L.f.) Wettst. var. *montanum* Diels (3)
Erinus fragrans Aiton in part, illegitimate name (3)
Erinus tristis L.f. (3)
L. simplex Benth., not *Erinus simplex* Thunb. (3)
Sutera tristis (L.f.) Hiern, including var. *montana* (Diels) Hiern (3)
Annual. Herb. Ht ± 0.03–0.6 m. Alt 0–1000 m. N, NC, WC, EC

violacea (Link ex Jaroscz) Benth.
?*L. diandra* E.Mey. (3)
Manulea crystallina Weinm. (3)
Manulea violacea Link ex Jaroscz (3)
Sutera antirrhinoides of author, not of (L.f.) Hiern: Levyns (1950), misapplied name (3)
Annual. Herb. Ht ± 0.05–0.45 m. Alt 0–300 m. NC?, WC

MANULEA L. 7517000

(1) Hiern. 1904. *FC* 4,2: 221–243. (Often cited as 'p.p.' (in part) by Hilliard (1994), not all listed here.)
(2) Merxmüller & Roessler. 1967. *FSWA* 126: 29–34.
(3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 315.
(4) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 286.
(5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 46,1: 49–52.
(6) Hilliard. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46,3: 337–341.
(7) Philcox. 1990. *FZ* 8,2: 34–36.
(8) Hilliard. 1992. *Edinburgh Journal of Botany* 49,3: 297.
(9) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 291–387.
(10) Retief & Herman. 1997. *Strelitzia* 6: 611, 612.
(11) Goldblatt & Manning. 2000. *Strelitzia* 9: 653–655.

acutiloba Hilliard
Annual. Herb. Ht 0.03–0.11 m. Alt? NC

adenocalyx Hilliard
M. benthamiana Hiern in part (9)
Annual. Herb. Ht 0.1–0.45 m. Alt 90–1300 m. WC

adenodes Hilliard
Annual. Herb. Ht 0.07–0.15 m. Alt ± 915 m. WC

aequipetala Sternb. = **Sutera foetida**

aethiopica (L.) Thunb. = **Sutera aethiopica**

alternifolia Pers. = **Sutera foetida**

altissima L.f. subsp. **altissima**
M. scabra H.L.Wendl. ex Steud., name only (9)
Perennial, but sometimes flowering as a seedling and appearing annual. Herb. Ht (0.15–)0.2–1.2 m. Alt up to 425 m. WC

altissima L.f. subsp. **glabricaulis** (Hiern) Hilliard
M. altissima L.f. var. *glabricaulis* Hiern (5)
Perennial? Herb. Ht 0.13–0.5 m. Alt 135–850 m. NC

altissima L.f. subsp. **longifolia** (Benth.) Hilliard
M. altissima L.f. var. *longifolia* (Benth.) Hiern (5)
M. benthamiana Hiern in part (9)
M. longifolia Benth. (9)
Perennial?, often appears annual. Herb. Ht 0.07–0.4 m. Alt 30–150 m. WC

altissima L.f. var. *glabricaulis* Hiern = **M. altissima** subsp. **glabricaulis**

altissima L.f. var. *longifolia* (Benth.) Hiern = **M. altissima** subsp. **longifolia**

androsacea E.Mey. ex Benth.
M. benthamiana of authors, not of Hiern: Dinter (1923) & Range (1935), misapplied name (2)
Annual, occ. perennial? Herb. Ht ± 0.065–0.28 m. Alt 50–300 m. N, NC

angolensis Diels = **M. parviflora** var. **parviflora**

angustifolia Link & Otto = **M. rubra**

annua (Hiern) Hilliard
Chaenostoma annuum Schltr. ex Hiern, name only in part, and excluding var. *laxum* Schltr. ex Hiern (1, 9)
?*Chaenostoma divaricatum* Diels (type lost in Berlin) (9)
Sutera annua (Schltr. ex Hiern) Hiern in part and excluding var. *laxa* (Schltr. ex Hiern) Hiern (9)
?*Sutera divaricata* (Diels) Hiern (9)
Annual. Herb. Length 0.03–0.3 m. Alt 60–600 m. WC

antirrhinoides L.f. = **Lyperia antirrhinoides**

arabidea Schltr. ex Hiern
Annual. Herb. Ht 0.03–0.21 m. Alt ± 300 m. WC

argentea L.f. = **Jamesbrittenia argentea**

aridicola Hilliard
Annual. Herb. Ht ± 0.04–0.27 m. Alt ± 680 m. N, NC

atropurpurea (Benth.) Kuntze = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

augei (Hiern) Hilliard
Phyllopodium augei Hiern (5)
?*Phyllopodium sordidum* Hiern (type lost in Berlin) (9)
Polycarena augei (Hiern) Levyns (9)
Polycarena sordida (Hiern) Levyns (9)
Annual. Herb. Ht 0.1–0.15 m. Alt? WC

aurantiaca Jaroscz, insufficiently known, excluded by Hilliard (1994) (9)

bellidifolia Benth.
M. bellidifolia Benth.: Hiern (1904) in part (9)
M. benthamiana Hiern in part (9)
M. crassifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (9)
M. leiostachys of author, not of Benth.: Hiern (1904) in part, misapplied name (9)
Annual. Herb. Ht 0.15–0.45 m. Alt ± 0–900 m. EC

bellidifolia Benth.: Hiern (1904) in part = **M. bellidifolia**

bellidifolia of author, not of Benth.: Harv. (1863), misapplied name = **M. plurirosulata**

bellidifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **M. dregei**

benthamiana Hiern in part = **M. adenocalyx**

benthamiana Hiern in part = **M. altissima** subsp. **longifolia**

benthamiana Hiern in part = **M. bellidifolia**

benthamiana Hiern in part = **M. corymbosa**

benthamiana Hiern in part = **M. exigua**

benthamiana of authors, not of Hiern: Dinter (1923) & Range (1935), misapplied name = **M. androsacea**

buchneroides Hilliard & B.L.Burtt
Perennial. Herb. Ht (0.15–)0.3–0.45 m. Alt 1500–2000 m. FS, KZN, L, EC

buchubergensis Dinter ex Range = **Zaluzianskya benthamiana**

burchellii Hiern
M. simpliciflora Thell. (9)
Perennial, but sometimes appearing annual. Herb. Ht (0.1–)0.15–0.35 m. Alt 900–1200 m. N, B?, NC

caerulea L.f. = **Sutera caerulea**

calciphila Hilliard
Annual. Herb. Ht 0.02–0.15 m. Alt 0–30 m. NC, WC

caledonica Hilliard
Perennial. Herb. Ht 0.15–0.75 m. Alt 0–240 m. WC

campanulata (Benth.) Kuntze = **Sutera campanulata**

campestris Hiern = **M. gariepina**

capensis (L.) Thunb. = **Polycarena capensis**

capillaris L.f. = **Phyllopodium capillare**

capitata L.f. = **Phyllopodium heterophyllum**

cephalotes Thunb.
M. densiflora Benth.; Hiern (1904) in part (9)
M. rigida Benth. in part; Hiern (1904) in part (9)
Sutera cephalotes (Thunb.) Kuntze, excluding synonym *Chaenostoma fastigiatum* Benth. (9)
Perennial? Herb. Ht ± 1 m. Alt 640–1070 m. NC, WC

cheiranthus (L.) L.
Lobelia cheiranthus L. (1)
M. cheiranthus (L.) L.: Hiern (1904) in part (9)
M. hirta Gaertn. (9)
M. rhynchantha Link (9)
Nemia capensis J.F.Gmel., illegitimate name (9)
Nemia cheiranthus (L.) P.J.Bergius (9)
Annual. Herb. Length 0.035–0.3(–0.6) m. Alt 0–600 m. WC

cheiranthus (L.) L.: Hiern (1904) in part = **M. cheiranthus**

chrysantha Hilliard
Annual. Herb. Ht 0.015–0.15 m. Alt 395–1220 m. WC, EC

cinerea Hilliard
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt ± 5 m. NC

conferta Pilg.
Perennial, but sometimes appearing annual. Herb. Ht (0.15–)0.3–0.6 m. Alt 0–1400 m. N, B

cordata Thunb. = **Sutera cordata**

corymbosa L.f.
M. benthamiana Hiern in part (9)
Annual. Herb. Ht 0.03–0.45 m. Alt 50–90 m. WC

crassifolia Benth.: Hiern (1904) in part = **M. crassifolia** subsp. **crassifolia**

crassifolia Benth. in part = **M. crassifolia** subsp. **crassifolia**

crassifolia Benth. in part = **M. dregei**

crassifolia Benth. subsp. **crassifolia**
M. crassifolia Benth.: Hiern (1904) in part (9)
M. crassifolia Benth. in part (9)
Perennial. Herb. Ht 0.1–1 m. Alt 1050–3000 m. FS, L, WC, EC

crassifolia Benth. subsp. **thodeana** (Diels) Hilliard
M. thodeana Diels (5)
Perennial. Herb. Ht 0.2–0.86 m. Alt 2000–3200 m. FS, KZN, L

crassifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **M. bellidifolia**

crassifolia of author, not of Benth.: Philcox (1990), misapplied name = **M. parviflora** var. **parviflora**

crystallina Weinm. = **Lyperia violacea**

cuneifolia L.f. = **Phyllopodium cuneifolium**

decipiens Hilliard
Annual. Herb. Ht 0.1–± 0.4 m. Alt 90–760 m. NC, WC

densiflora Benth.; Hiern (1904) in part = **M. cephalotes**

derustiana Hilliard
Annual. Herb. Ht 0.1–0.2 m. Alt ± 550 m. WC

deserticola Hilliard
Annual. Herb. Length ± 0.03–0.11 m. Alt? FS, NC

diandra Hilliard
Annual. Herb. Ht 0.025–0.1 m. Alt 1500–1650 m. NC

dinteri Pilg. = **M. dubia**

divaricata Thunb. = **Zaluzianskya divaricata**

dregei Hilliard & B.L.Burtt
M. bellidifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (9)
M. crassifolia Benth. in part (9)
M. platystigma Hilliard & B.L.Burtt in part (9)
Perennial. Herb. Ht 0.07–0.3 m. Alt 2285–2835 m. L, EC

dubia (Skan) Overkott ex Roessler
M. dinteri Pilg. (2)
M. namaquana L.Bolus (2)
Sutera dubia Skan (2)
Perennial, but sometimes appearing annual. Dwarf shrub or shrub. Length 0.3–1.5 m. Alt 1400–2135 m. N

elliotensis Overkott ex Jacot Guill., name invalid = **M. paniculata**

exaltata Benth. = **M. virgata**

exigua Hilliard
M. benthamiana Hiern in part (9)
M. minor of author, not of Diels: Hiern (1904) in part (9)
Annual. Herb. Length 0.025–0.37 m. Alt 0–1000 m. WC

flanaganii Hilliard
M. parviflora of author, not of Benth.: Hiern (1904) in part, misapplied name (9)
Annual. Herb. Length ± 0.3–0.38 m. Alt ± 1220 m. FS

floribunda (Benth.) Kuntze = **Sutera floribunda**

florifera Hilliard & B.L.Burtt
Perennial. Herb. Ht ± 1 m. Alt 1500–2000 m. KZN, EC

foetida (Andrews) Pers. = **Sutera foetida**

foliolosa (Benth.) Kuntze = **Jamesbrittenia foliolosa**

fragrans Schltr.
?*M. pusilla* E.Mey. ex Benth. var. *insigniflora* Diels (type lost in Berlin) (9)
Annual. Herb. Length 0.01–0.15 m. Alt 140–1220 m. NC

gariepina Benth
M. campestris Hiern (9)
M. gariepina Benth. in part; Hiern (1904) in part; Merxmüller & Roessler (1967) in part, excluding subsp. *namibensis* Roessler and *M. leptosiphon* Thell. (9
M. gariepina Benth. subsp. *campestris* (Hiern) Roessler (9)
Annual. Herb. Length 0.07–0.36 m. Alt 610–1035 m. N, NC

gariepina Benth. in part = **M. minuscula**

gariepina Benth. in part; Hiern (1904) in part; Merxmüller & Roessler (1967) in part, excluding subsp. *namibensis* Roessler & *M. leptosiphon* Thell. = **M. gariepina**

gariepina Benth. subsp. *campestris* (Hiern) Roessler = **M. gariepina**

gariepina Benth. subsp. *namibensis* Roessler = **M. namibensis**

gariesiana Hilliard
Annual. Herb. Length 0.03–0.15 m. Alt 295–305 m. NC, WC

glandulosa E.Phillips
Perennial. Herb. Ht (0.18–)0.4–0.55 m. Alt 305–610 m. WC

gracillima Dinter ex Range, naked name = **M. namibensis**

halimifolia (Benth.) Kuntze = **Sutera halimifolia**

heterophylla L.f. = **Phyllopodium heterophyllum**

hirta Gaertn. = **M. cheiranthus**

hirta Thunb., later homonym, not of Gaertn. = **M. turritis**

hispida Thunb. = **Sutera hispida**

incana Thunb.
Perennial. Herb. Length 0.06–0.13 m. Alt 1600–1700 m. NC

incisiflora Hiern = **M. silenoides**

integrifolia L.f. = **Sutera integrifolia**

intertexta Herb. Banks, name only = **Cromidon decumbens**

juncea Benth.
Perennial? Herb, eventually woody. Ht 0.6–0.75 m. Alt 80–1645 m. WC

karrooica Hilliard
Annual. Herb. Ht 0.04–0.13 m. Alt 550–1065 m. WC, EC

kraussiana (Bernh.) Kuntze = **Jamesbrittenia kraussiana**

latiloba Hilliard
Annual. Herb. Length 0.01–0.12 m. Alt 550–900 m. WC

laxa Schltr.
M. leiostachys Benth. in part (9)
Perennial. Herb. Ht (0.15–)0.3–0.8 m. Alt (60–)180–1370 m. WC

leiostachys Benth.
M. leiostachys Benth. in part; Hiern (1904) in part (9)
M. leiostachys Drège as '*leucostachys*', name only (9)
Perennial. Herb. Ht ± 0.55–1.2 m. Alt 600–1220 m. WC

leiostachys Benth. in part = **M. laxa**

leiostachys Benth. in part; Hiern (1904) in part = **M. leiostachys**

leiostachys Drège as '*leucostachys*', name only = **M. leiostachys**

leiostachys of author, not of Benth.: Hiern (1904) in part = **M. bellidifolia**

leptosiphon Thell.
Annual, perennial? Herb. Ht ± 0.19 m. Alt? N?, NC?

lichnidea (L.) Desr. = **Lyperia lychnidea**

limonioides Conrath = **M. parviflora** var. **limonioides**

linearifolia Hilliard
Perennial? Herb. Ht ± 1–1.5 m. Alt 855–1065 m. WC

linifolia Thunb. = **Sutera uncinata**

linifolia Thunb. var. *β heterophylla* Kuntze = **Jamesbrittenia albiflora**

linifolia Thunb. var. *integerrima* (Benth.) Kuntze = **Jamesbrittenia integerrima**

longifolia Benth. = **M. altissima** subsp. **longifolia**

longiflora Jaroscz, insufficiently known, excluded by Hilliard (1994) (9)

microphylla L.f. = **Jamesbrittenia microphylla**

minor Diels
M. minor Diels: Hiern (1904) in part (9)
Annual. Herb. Ht ± 0.06–0.3 m. Alt 430–518 m. WC

minor Diels: Hiern (1904) in part = **M. minor**

minor of author, not of Diels: Hiern (1904) in part = **M. exigua**

minuscula Dinter ex Range, naked name = **M. miniscula**

minuscula Hilliard
M. gariepina Benth. in part (9)
M. minuscula Dinter ex Range, naked name (9)
M. pusilla of author, not of E.Mey ex Benth.: Merxmüller & Roessler (1967), misapplied name (9)
Annual. Herb. Ht 0.015–0.15 m. Alt 185–1035 m. N, NC

montana Hilliard
Perennial. Herb. Ht 0.27–0.445 m. Alt ± 1370 m. WC

multifida (Benth.) Kuntze = **Jamesbrittenia aurantiaca**

multispicata Hilliard
Perennial? Herb. Ht ± 0.3–0.7 m. Alt 600–1750 m. WC

namaquana L.Bolus = **M. dubia**

namibensis (Roessler) Hilliard
M. gariepina Benth. subsp. *namibensis* Roessler (6)
M. gracillima Dinter ex Range, naked name (9)
Annual. Herb. Length 0.06–0.35 m. Alt 900–1300 m. N

natalensis Bernh. = **M. parviflora** var. **parviflora**

nervosa E.Mey. ex Benth.
Annual. Herb. Ht 0.03–0.21 m. Alt 305–1005 m. NC

obovata Benth.
M. obovata Benth.: Hiern (1904) in part (9)
Annual, perennial. Herb. Ht 0.15–0.6(–0.9) m. Alt 0–200 m. WC, EC

obovata Benth.: Hiern (1904) in part = **M. obovata**

obtusa Hiern
Perennial? Herb. Ht? Alt? WC? ('Cape')

oppositiflora Vent. = **Sutera hispida**

oppositiflora Vent. var. *angustifolia* Kuntze = **Sutera halimifolia**

ovatifolia Hilliard
Perennial. Dwarf shrub or shrub. Ht 0.3–0.75 m. Alt ± 1130 m. WC

paniculata Benth.
M. elliotensis Overkott ex Jacot Guill., name invalid (3)
M. thyrsiflora L.f. var. *albiflora* Kuntze, naked name (9)
Sutera elliotensis Hiern (3)
Perennial. Herb. Ht up to 1 m. Alt 1500–1980 m. NW?, FS, KZN, L, EC

parviflora Benth.: Hiern (1904) in part = **M. parviflora** var. **parviflora**

parviflora Benth. var. **limonioides** (Conrath) Hilliard
M. limonioides Conrath (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 1440–1830 m. NW?, G, M

parviflora Benth. var. **parviflora**
M. angolensis Diels (9)
M. crassifolia of author, not of Benth: Philcox (1990), misapplied name (9)
M. natalensis Bernh. (9
M. parviflora Benth.: Hiern (1904) in part (9)
M. rhodesiana S.Moore (9)
Nemia angolensis (Diels) Hiern (9)
Nemia parviflora (Benth.) Hiern (9)
Perennial. Herb. Ht up to 1 m. Alt 0–1600 m. LIM, G, M, S, KZN, WC?, EC

parviflora of author, not of Benth.: Hiern (1904) in part = **M. flanaganii**

paucibarbata Hilliard
Chaenostoma annuum Schltr. ex Hiern var. *laxum* Schltr. ex Hiern, name only (1, 9)
Sutera annua (Schltr. ex Hiern) Hiern in part (9)
Sutera annua (Schltr. ex Hiern) Hiern var. *laxa* (Schltr. ex Hiern) Hiern (9)
Annual. Herb. Ht 0.06–0.4 m. Alt 180–900 m. WC

pedunculata (Andrews) Pers. = **Jamesbrittenia argentea**

pillansii Hilliard
Perennial. Dwarf shrub or shrub. Length up to 1 m. Alt up to 60 m. WC

pinnatifida L.f. = **Jamesbrittenia pinnatifida**

plantaginea Thunb., illegitimate name = **Cromidon plantaginis**

plantaginis L.f. = **Cromidon plantaginis**

platystigma Hilliard & B.L.Burtt
M. platystigma Hilliard & B.L.Burtt in part (9)
Perennial. Herb. Length 0.04–0.3 m. Alt 2900–3300 m. L

platystigma Hilliard & B.L.Burtt in part = **M. dregei**

platystigma Hilliard & B.L.Burtt in part = **M. platystigma**

plurirosulata Hilliard
M. bellidifolia of author, not of Benth: Harv. (1863), misapplied name (9)
Annual. Herb. Ht 0.02–0.18 m. Alt 1000–1500 m. FS, EC

polyantha (Benth.) Kuntze = **Sutera polyantha**

praeterita Hilliard
Annual. Herb. Ht 0.03–0.3 m. Alt 90–1200 m. NC, WC

psilostoma Hilliard
Annual. Herb. Ht 0.045–0.23 m. Alt? WC

pusilla E.Mey. ex Benth.
M. pusilla E.Mey. ex Benth.: Hiern (1904) excluding. var. *insigniflora* Diels (9)
Annual. Herb. Ht 0.005–0.12 m. Alt 140–1200 m. NC, WC

pusilla E.Mey. ex Benth.: Hiern (1904) excluding. var. *insigniflora* Diels = **M. pusilla**

?*pusilla* E.Mey. ex Benth. var. *insigniflora* Diels (type lost in Berlin) = **M. fragrans**

pusilla of author, not of E.Mey. ex Benth.: Merxmüller & Roessler (1967), misapplied name = **M. minuscula**

ramulosa Hilliard
Perennial. Dwarf Shrub. Ht up to 0.45 m. Alt ± 45–300 m. WC

revoluta Thunb. = **Sutera revoluta**

rhodantha Hilliard subsp. **aurantiaca** Hilliard
Perennial. Herb. Ht 0.14–0.43 m. Alt 1400–2100 m. LIM, M, KZN

rhodantha Hilliard subsp. **rhodantha**
Perennial. Herb. Ht 0.3–0.75 m. Alt 1525–2775 m. L, EC

rhodesiana S.Moore = **M. parviflora** var. **parviflora**

rhynchantha Link = **M. cheiranthus**

rigida Benth.
M. rigida Benth. in part; Hiern (1904) in part (9)
Perennial? Herb. Ht ± 1 m. Alt 90–1220 m. WC

rigida Benth. in part; Hiern (1904) in part = **M. cephalotes**

rigida Benth. in part; Hiern (1904) in part = **M. rigida**

robusta Pilg.
Sutera remotiflora Dinter ex Range, naked name (2)
Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt 660–1400 m. N, NC

rotata Desr. = **Sutera caerulea**

rubra (P.J.Bergius) L.f.
M. angustifolia Link & Otto (9)
M. rubra (P.J.Bergius) L.f.; Hiern (1904) in part and excluding var. *turritis* (Benth.) Hiern (9)
Nemia rubra P.J.Bergius (9)
Perennial. Herb. Length 0.25–0.7 m. Alt up to 350 m. WC

rubra (P.J.Bergius) L.f.; Hiern (1904) in part and excluding var. *turritis* (Benth.) Hiern = **M. rubra**

rubra (P.J.Bergius) L.f. var. *turritis* (Benth.) Hiern = **M. turritis**

?*satureioides* Desr. = **Sutera revoluta** × **Sutera aethiopica**

scabra H.L.Wendl. ex Steud., name only = **M. altissima** subsp. **altissima**

schaeferi Pilg.
Annual. Herb. Ht 0.02–0.18 m. Alt 700–1005 m. N, NC

silenoides E.Mey. ex Benth.
M. incisiflora Hiern (9)
M. silenoides E.Mey. ex Benth. var. *minor* Benth. ex Hiern (9)
Annual. Herb. Length 0.03–0.3 m. Alt 90–975 m. NC

silenoides E.Mey. ex Benth. var. *minor* Benth. ex Hiern = **M. silenoides**

simpliciflora Thell. = **M. burchellii**

stellata Benth.
M. virgata of author, not of Thunb.: Hiern (1904) in part, misapplied name (9)
Perennial. Shrub. Length up to 1 m. Alt ± 395 m. WC

tenella Hilliard
Annual. Herb. Length ± 0.21–0.3 m. Alt? N

thodeana Diels = **M. crassifolia** subsp. **thodeana**

thunbergii G.Don = **Jamesbrittenia thunbergii**

thyrsiflora L.f.
M. thyrsiflora L.f.: Hiern (1904) excluding var. *albiflora* Kuntze and var. *versicolor* Kuntze (9)
Perennial. Dwarf shrub or shrub. Ht 0.35–1 m. Alt 3–150 m. WC

thyrsiflora L.f.: Hiern (1904) excluding var. *albiflora* Kuntze and var. *versicolor* Kuntze = **M. thyrsiflora**

thyrsiflora L.f. var. *albiflora* Kuntze, naked name = **M. paniculata**

thyrsiflora L.f. var. *versicolor* Kuntze = **Sutera floribunda**

tomentosa (L.) L.
Lychnidea tomentosa (L.) Moench (9)
Selago tomentosa L. (1)
Perennial, but sometimes appearing annual. Herb. Ht 0.03–0.6 m. Alt 2–± 30 m. WC

tomentosa Benth. mistake for *M. thunbergii* G.Don = **Jamesbrittenia thunbergii**

turritis Benth.
M. hirta Thunb., later homonym, not of Gaertn. (9)
M. rubra (P.J.Bergius) L.f. var. *turritis* (Benth.) Hiern (9)
Perennial, but sometimes appearing annual. Herb, occ. woody at base. Ht 0.2–1 m. Alt 300–760 m. WC

uncinata Desr. = **Sutera uncinata**

villosa Pers., illegitimate name = **Polycarena capensis**

violacea Link ex Jaroscz = **Lyperia violacea**

virgata of author, not of Thunb.: Hiern (1904) in part, misapplied name = **M. stellata**

virgata Thunb.
M. exaltata Benth. (9)
M. virgata Thunb.: Hiern (1904) in part (9)
Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt 915–1100 m. WC

virgata Thunb.: Hiern (1904) in part = **M. virgata**

viscosa (Aiton) Willd. = **Sutera caerulea**

MANULEOPSIS Thell. 7497020

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 33.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 78, 79.

dinteri Thell.
Freyliniopsis trothae Engl. (3)
Perennial. Shrub, lithophyte. Ht 1.2–5 m. Alt 1100–1800 m. N

karasmontana Dinter ex Schinz & Thell. in synonym = **Antherothamnus pearsonii**

karasmontana Dinter, naked name = **Antherothamnus pearsonii**

MELANOSPERMUM Hilliard 7522010

(1) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 387–395.
(3) Retief & Herman. 1997. *Strelitzia* 6: 612.

foliosum (Benth.) Hilliard
Polycarena discolor Schinz (1)
Polycarena foliosa Benth. (1)
Polycarena transvaalensis of author, not of Hiern: Philcox (1990), misapplied name (2)
Annual. Herb. Length 0.04–0.3 m. Alt 1020–1372 m. N, B, LIM, NW, G

italae Hilliard
Annual. Herb. Length 0.04–0.2 m. Alt 1300–1750 m. M, S, KZN

rudolfii Hilliard
Annual. Herb. Ht ± 0.04–0.12 m. Alt ± 1600 m. M

rupestre (Hiern) Hilliard
Phyllopodium rupestre Hiern (1)
Polycarena rupestris (Hiern) Levyns (1)
Perennial. Herb. Length 0.06–0.2 m. Alt 1700–2100 m. G, M

swazicum Hilliard
Annual. Herb. Ht 0.04–0.27 m. Alt 1050–1375 m. S, KZN

transvaalense (Hiern) Hilliard
Phyllopodium calvum Hiern (1)
Polycarena calva (Hiern) Levyns (1)
Polycarena transvaalensis Hiern (1)
Annual. Herb. Ht 0.005–0.22 m. Alt 1220–2195 m. M, FS

MICRODON Choisy 7569000

(1) Rolfe. 1901. *FC* 5,1: 175–180, including *Agathelpis*.
(2) Merxmüller & Roessler. 1967. *FSWA* 127: 3.
(3) Hartley. 1991. *Bothalia* 21: 57, 59.
(4) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 11–13.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 656, 716.

bosciaefolius Dinter, naked name (insufficiently known) (2, under *Hebenstretia*)

bracteatus (Thunb.) I.H.Hartley = **M. parviflorus**

capitatus (P.J.Bergius) Levyns
Lippia ovata L. (5)
M. ovatus (L.) Choisy (4)
Selago capitata P.J.Bergius (4)
Selago ovata (L.) Aiton (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ± 170 m. WC

cylindricus E.Mey. = **M. polygaloides**

dubius (L.) Hilliard
Agathelpis adunca E.Mey. (4)
Agathelpis angustifolia Choisy, illegitimate name (4)
Agathelpis brevifolia E.Mey. (4)
Agathelpis dubia (L.) Hutch. ex Wijnands (4)
Agathelpis mucronata E.Mey. (4)
Eranthemum angustatum L., illegitimate name (4)
Eranthemum angustifolium Murray, illegitimate name (4)
Selago angustifolia Thunb., illegitimate name (4)
Selago dubia L. (4)
Perennial. Dwarf shrub. Ht 0.15–1.5 m. Alt 9–1830 m. NC, WC

linearis Choisy
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 200 m. WC

linkii Walp., illegitimate name = **M. polygaloides**

lucidus (Vent.) Choisy = **M. parviflorus**

nitidus (E.Mey.) Hilliard
Agathelpis nitida E.Mey. (4)
Perennial. Dwarf shrub or shrub. Ht up to 0.8 m. Alt 305–610 m. WC

orbicularis Choisy
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 150–760 m. WC

ovatus (L.) Choisy = **M. capitatus**

parviflorus (P.J.Bergius) Hilliard
Agathelpis parviflora (P.J.Bergius) Choisy as '*parvifolia*' (4)
Eranthemum parviflorum P.J.Bergius (4)
M. bracteatus (Thunb.) I.H.Hartley (5)
M. lucidus (Vent.) Choisy (3, 5)
Selago bracteata Thunb. (3, 5)
Selago lucida Vent. (3, 5)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 245–2135 m. WC

polygaloides (L.f.) Druce
M. cylindricus E.Mey. (4)
M. linkii Walp., illegitimate name (4)
Selago polygaloides L.f. (4)
Selago spicata Link. (4)
Perennial. Dwarf shrub. Ht 0.3–0.4(–1) m. Alt 305–1400 m. WC

MIMULUS L. 7524000

(1) Hiern. 1904. *FC* 4,2: 354, 355.
(2) Grant. 1924. *Annals of the Missouri Botanical Garden* 11: 99–389, esp. 134–136, 223–226.
(3) Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 204, 205.

gracilis R.Br.
Perennial. Herb, helophyte to hydrophyte. Ht 0.09–± 0.75 m. Alt 45–2530 m. N, B, LIM, NW, M, S, FS, KZN, L, NC, EC

***moschatus** Douglas var. **moschatus**
Perennial. Herb, semi-aquatic. Ht 0.05–0.3 m. Alt 1450–1525 m. FS, KZN (garden escape?)

*MISOPATES Raf. 7482010

(1) Sutton. 1988. *A revision of the tribe Antirrhineae*: 145–149.
(2) Philcox. 1990. *FZ* 8,2: 14–16.
(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 75, as '*Antirrhinum*'.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 438.

orontium (L.) Raf. subsp. **orontium**
Antirrhinum orontium L. (4)
Annual, perennial. Herb. Ht 0.1– 0.6 m. Alt ± 520 m. KZN, WC, EC

MONIERA B.Juss. ex P.Browne, rejected name 7546020

africana Pers., as '*Monniera*' = **Bacopa monnieri**

calycina (Forssk.) Kuntze, as '*Monniera*' = **Bacopa monnieri**

cuneifolia Michx., as '*Monniera*'; Hiern (1904) in part, excluding *Herpestis crenata* P.Beauv. = **Bacopa monnieri**

NEMESIA Vent. 7476000

(1) Hiern. 1904. *FC* 4,2: 169–200.
(2) Brown. 1909. *Kew Bulletin of Miscellaneous Information* 1909: 376.
(3) Diels. 1910. *Botanische Jahrbücher* 44: 121, 122.
(4) Pilger. 1912. *Botanische Jahrbücher* 48: 435, 436.
(5) Bolus. 1915. *Annals of the Bolus Herbarium* 1: 98, t. 13B.
(6) Bolus. 1927. *South African Gardening & Country Life*, May 1927: 177, 178.
(7) Range. 1935. *Repertorium specierum novarum regni vegetabilis* 38: 262, 263.
(8) Bond. 1940. *Journal of South African Botany* 6: 65–67.
(9) Fourcade. 1940. *Memoirs of the Botanical Survey of South Africa* No. 20: 73.
(10) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 765.
(11) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 708–710.
(12) Roessler. 1965. *Mitteilungen der Botanischen Staatssammlung München* 5: 689–691.
(13) Merxmüller & Roessler. 1967. *FSWA* 126: 34–37.
(14) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,3: 385–401.
(15) Steiner. 1989. *South African Journal of Botany* 55,4: 405–408.
(16) Philcox. 1990. *FZ* 8,2: 9–12.
(17) Steiner. 1994. *South African Journal of Botany* 60,4: 211–213.
(18) Retief & Herman. 1997. *Strelitzia* 6: 612, 613.
(19) Craven *et al.* 1999. *Southern African Botanical Diversity Network Report* No. 7: 143.
(20) Goldblatt & Manning. 2000. *Strelitzia* 9: 656–658.
Note: this genus is under revision by K.E. Steiner.

acornis K.E.Steiner
Perennial. Herb. Ht 0.14–0.6 m. Alt 780–915 m. WC

acuminata Benth.
Antirrhinum scabridum Herb. Banks. ex Benth. (1)
Perennial. Herb. Ht up to 0.4 m. Alt? WC, EC

affinis Benth.
N. versicolor of author, not of E.Mey. ex Benth. (20, author not given)
Annual. Herb. Ht 0.05–0.8 m. Alt 120–455 m. N?, NC, WC, EC

affinis Benth. var. β and var. γ Benth. = **N. floribunda**

albiflora N.E.Br.
N. flanaganii Hiern (13)
Annual, perennial? Herb. Ht 0.13–0.75 m. Alt 610–2500 m. M, S?, FS, KZN, L, EC

anfracta Hiern
Perennial? Herb. Ht 0.28–0.6 m. Alt? WC

angustifolia Grant ex Range, naked name (near *N. fruticans*) (13)

anisocarpa E.Mey. ex Benth.
Annual. Herb. Ht 0.05–0.58 m. Alt 100–1040 m. N?, NC, WC

azurea Diels
Annual. Herb. Ht 0.07–0.4 m. Alt 300–1350 m. NC

barbata (Thunb.) Benth.
Antirrhinum barbatum Thunb. (1)
N. guthriei Hiern (20)
Annual. Herb. Ht 0.08–0.5 m. Alt 10–305 m. WC

barbata (Thunb.) Benth. var. **minor** Schinz (insufficiently known) (13)

bicornis (L.) Pers., first as '*bicorne*'
Antirrhinum bicorne L. (1)
Antirrhinum capense Burm.f., not of Thunb. (1)
N. biennis Drège (1)
N. versicolor Drège, not of E.Mey. ex Benth. (1)
Annual. Herb. Ht 0.1–0.8 m. Alt 20–150 m. NC, WC

bicornis Sieb. ex Presl, not of (L.) Pers. = **N. lucida**

biennis Drège = **N. bicornis**

bodkinii Bolus
Short-lived perennial. Herb. Ht 0.04–0.4 m. Alt 900–1340 m. WC

brevicalcarata Schltr.
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 395–1370 m. WC

caerulea Hiern
Perennial. Herb. Ht 0.1–0.6 m. Alt 1220–3200 m. FS?, KZN, L, EC

calcarata E.Mey. ex Benth.
Annual. Herb. Ht 0.03–0.35 m. Alt 427–1219 m. NC, WC

capensis (Spreng.) Kuntze excluding synonym *N. linearis* Vent. = **N. fruticans**

capensis (Spreng.) Kuntze var. *linearis* (Vent.) Fourc. = **N. linearis**

capensis (Thunb.) Kuntze, illegitimate name = **N. fruticans**

capensis (Thunb.) Kuntze var. **ecalcarata** Kuntze (insufficiently known) (1)

capensis (Thunb.) Kuntze var. *ecalcarata* Kuntze subvar. *pallida* Kuntze = **N. pallida**

chamaedrifolia Vent. = **N. macrocarpa**

chamaedryfolia Vent. var. **natalensis** Bernh., naked name (insufficiently known) (1)

cheiranthus E.Mey. ex Benth.
Annual. Herb. Ht 0.07–0.57 m. Alt 305–1220 m. NC, WC

chrysolopha Diels
Annual. Herb. Ht 0.06–0.1 m. Alt ± 1550 m. NC, WC

cynanchifolia Benth.
Annual. Herb. Ht 0.1–0.6 m. Alt 35–1830 m. M?, KZN, WC?, EC

cynanchifolia in sense of E.Phillips (1940), not of Benth. = **N. denticulata**

deflexa Grant ex K.E.Steiner
Annual, occ. short-lived perennial. Herb. Ht up to 0.21 m. Alt 600–750 m. WC, EC

densifolia Grant ex Range, naked name = **Diascia ausana**

denticulata (Benth.) Grant ex Fourc.
Diascia denticulata Benth. (9)
N. cynanchifolia in sense of E.Phillips (1940), not of Benth. (14)
N. foetens of author, not of Vent.: Hiern (1904) in part (14)
N. natalitia Sond. (14)
Perennial. Herb. Ht 0.1–0.6 m. Alt 5–1565 m. KZN, EC

diffusa Benth. var. **diffusa**
Short-lived perennial. Herb, base almost woody, scrambler. Ht 0.04–0.45 m. Alt 20–1370 m. WC

diffusa Benth. var. **rigida** Benth.
Short-lived perennial. Herb. Ht? Alt? WC

divergens Benth. = **N. fruticans**

euryceras Schltr.
Annual. Herb. Ht 0.07–0.24 m. Alt 140–850 m. NC, WC

flanaganii Hiern = **N. albiflora**

fleckii Thell.
N. ramosa Grant ex Range, naked name (13)
Annual. Herb. Ht 0.03–0.4 m. Alt? N, NC

floribunda Lehm.
N. affinis Benth. var. β and var. γ Benth. (1)
Annual. Herb. Ht 0.07–0.37 m. Alt 30–3050 m. FS, KZN?, L, NC, WC, EC

floribunda Lehm. var. **tenuior** Bernh., naked name (insufficiently known) (1)

foetens of author, not of Vent.: Hiern (1904) in part = **N. denticulate**

foetens of author, not of Vent.: Hiern (1904) in part = **N. rupicola**

foetens Vent. = **N. fruticans**

foetens Vent. var. *latifolia* (Benth.) Hiern = **N. fruticans**

fruticans (Thunb.) Benth.
Antirrhinum capense Thunb., illegitimate name, not of Burm.f. (13)
Antirrhinum fruticans Thunb. (13)
Linaria capensis Spreng. (16)
Linaria fruticans (Thunb.) Spreng. (16)
N. capensis (Spreng.) Kuntze excluding synonym *N. linearis* Vent. (14, 16)
N. capensis (Thunb.) Kuntze, illegitimate name (13)
N. divergens Benth. (16)
N. foetens Vent. (16)
N. foetens Vent. var. *latifolia* (Benth.) Hiern (14 implied, 16)
N. fruticans (Thunb.) Benth. var. *divergens* (Benth.) Norl. (16)
N. gracillima Dinter, naked name (13)
N. linearis Vent. var. *latifolia* Benth. (14, 16)
N. thunbergii G.Don, illegitimate name (13, 16)
Perennial. Dwarf shrub, suffrutex. Ht 0.06–0.6 m. Alt 1220–2010 m. N, B, LIM, NW, G, M, S?, FS, KZN?, NC, WC, EC

fruticans (Thunb.) Benth. var. *divergens* (Benth.) Norl. = **N. fruticans**

fruticans (Thunb.) Benth. var. *linearis* (Vent.) Norl. = **N. linearis**

glabriuscula Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.11–0.34 m. Alt 2075–2195 m. KZN

glandulosa E.Phillips [used presumably for *Diascia glandulosa* E.Phillips by (20)]

glaucescens Hiern

Annual. Herb. Ht 0.15–0.25 m. Alt? NC

gracilis Benth.
Annual. Herb. Ht 0.07–0.45 m. Alt 100–535 m. WC

gracillima Dinter = **N. fruticans**

grandiflora Diels
Annual. Herb. Ht 0.2–0.5 m. Alt? WC

guthriei Hiern = **N. barbata**

hanoverica Hiern
Perennial. Herb, suffrutex. Ht 0.05–0.3 m. Alt 1370–1435 m. FS, NC, EC

?*hastata* Benth. = **Diascia integerrima**

ionantha Diels
Annual. Herb. Ht 0.1–0.2 m. Alt 150–1200 m. NC, WC

karasbergensis L.Bolus
Perennial. Herb. Ht up to 0.2 m. Alt ± 2135 m. N

karroensis Bond
Annual. Herb. Ht 0.08–0.25 m. Alt ± 455 m. NC, WC

lanceolata Hiern
Perennial. Tree, dwarf shrub. Ht (0.15–)0.3–? m. Alt 885–1500 m. NC

leipoldtii Hiern
Annual. Herb. Ht 0.1–0.36 m. Alt 610–700 m. NC

ligulata E.Mey. ex Benth.
Annual. Herb. Ht 0.05–0.45 m. Alt 20–965 m. NC, WC

lilacina N.E.Br.
N. linearis Vent. var. *denticulata* Kuntze (13)
Annual. Tree, herb. Ht 0.04–0.45 m. Alt 900–1370 m. N, B, NW, NC

linearis Vent.
N. capensis (Spreng.) Kuntze var. *linearis* (Vent.) Fourc. (14)
N. fruticans (Thunb.) Benth. var. *linearis* (Vent.) Norl. (14)
Annual. Herb. Ht 0.1–0.9 m. Alt 800–1340 m. N, FS, NC, WC, EC

linearis Vent. var. *denticulata* Kuntze = **N. lilacina**

linearis Vent. var. *latifolia* Benth. = **N. fruticans**

longicornis (Thunb.) Pers., first as '*longicorne*' = **Diascia longicornis**

lucida Benth.
N. bicornis Sieb. ex Presl, not of (L.) Pers. (1)
Annual. Herb. Ht 0.1–0.45 m. Alt ± 90 m. WC

macrocarpa (Aiton) Druce
Antirrhinum macrocarpum Aiton (1)
Antirrhinum scabrum (Spreng.) Thunb. (1)
Linaria scabra Spreng. (1)
N. chamaedrifolia Vent. (11)
Short-lived perennial. Herb. Ht 0.1–0.6 m. Alt 20–915 m. WC

macroceras Schltr. var. **β crocea** Schltr.
Annual. Herb. Ht? Alt? NC

macroceras Schltr. var. **macroceras**
Annual. Herb. Ht 0.04–0.4 m. Alt 120–670 m. NC, WC

marlothii Grant ex Range, naked name
Annual. Herb. Ht up to ± 0.3 m. Alt ± 800 m. N

maxii Hiern
Annual. Herb. Ht 0.06–0.13(–0.6) m. Alt ± 1035 m. NC, WC?

melissifolia Benth.
N. melissifolia Benth.: Hiern (1904) in part (14)
Annual. Herb. Ht 0.1–0.6 m. Alt 20–2135 m. S, KZN, NC?, WC?, EC

melissifolia Benth.: Hiern (1904) in part = **N, melissifolia**

melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **N. rupicola**

melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **N. silvatica**

micrantha Hiern
Annual. Herb. Ht ± 0.12 m. Alt? WC

minutiflora Pilg. = **N. pubescens**

natalitia Sond. = **N. denticulata**

pageae L.Bolus
Annual. Herb. Ht 0.1–0.3(–0.4) m. Alt 200–365 m. WC

pallida (Kuntze.) Hiern
N. capensis (Thunb.) Kuntze var. *ecalcarata* Kuntze subvar. *pallida* Kuntze (1)
Perennial. Dwarf shrub. Ht up to 0.32 m. Alt up to 965 m. WC

parviflora Benth. (insufficiently known) (20)

patens (Thunb.) G.Don = **Diascia patens**

petiolina Hiern
Short-lived perennial. Herb. Ht 0.3–0.51 m. Alt 520–1065 m. NC?, WC

picta Schltr.
Short-lived perennial. Herb. Ht 0.1–0.25 m. Alt ± 760 m. WC

pinnata (L.f.) E.Mey. ex Benth.
Antirrhinum pinnatum L.f. (1)
Annual. Herb. Ht 0.07–0.47 m. Alt 25–610 m. WC

platysepala Diels
Annual. Herb. Ht 0.07–0.35 m. Alt 500–1400 m. NC, WC

psammophila Schltr.
Annual. Herb. Ht 0.08–0.3 m. Alt 185–1220 m. WC

pubescens Benth. var. **pubescens**
N. minutiflora Pilg. (12)
Perennial, occ. annual. Herb. Ht 0.07–0.38 m. Alt 610–1525 m. N?, FS, NC, EC

pubescens Benth. var. **glabrior** Benth. ex Hiern
Annual. Herb. Ht 0.15–0.3 m. Alt? FS

pulchella Schltr. ex Hiern
Annual. Herb. Ht 0.1–0.39 m. Alt 90–820 m. NC, WC, EC

ramosa Grant ex Range, naked name = **N. fleckii**

rupicola Hilliard
N. foetens of author, not of Vent.: Hiern (1904) in part (14)
N. melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (14)
Perennial, occ. annual. Herb. Ht 0.04–1(–2) m. Alt 200–2900 m. LIM, NW, G, M, S, FS, KZN, L

saccata E.Mey. ex Benth.
Annual. Herb. Ht 0.06–0.28 m. Alt 60–610 m. NC

silvatica Hilliard
N. melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (14)
Short-lived perennial, but sometimes appearing annual. Herb. Ht 0.3–1 m. Alt 915–1950 m. KZN, EC

strumosa (Herb. Banks. ex Benth.) Benth.
Antirrhinum strumosum Herb. Banks ex Benth. (1)
Annual. Herb. Ht 0.15–0.6 m. Alt 80–150 m. WC

thunbergii G.Don, illegitimate name = **N. fruticans**

umbonata (Hiern) Hilliard & B.L.Burtt
Diclis umbonata Hiern (14)
Perennial. Herb. Ht 0.08–0.45 m. Alt 1095–2530 m. LIM, G, M, S, FS, KZN, L, EC

versicolor Drège, not of E.Mey. ex Benth. = **N. bicornis**

versicolor E.Mey. ex Benth. var. **oxyceras** Benth.
Annual. Herb. Ht? Alt 15–305 m. WC

versicolor E.Mey. ex Benth. var. **versicolor**
Annual. Herb. Ht 0.09–0.39 m. Alt 15–1220 m. NC, WC, EC?

versicolor of author, not of E.Mey. ex Benth. = **N. affinis**

violiflora Roessler
Annual. Herb. Ht 0.05–0.2 m. Alt? N

viscosa E.Mey. ex Benth.
Annual. Herb. Ht 0.04–0.35 m. Alt 15–305 m. N, NC

NEMIA Bergius 7517010

angolensis (Diels) Hiern = **Manulea parviflora** var. **parviflora**

capensis J.F.Gmel., illegitimate name = **Manulea cheiranthus**

cheiranthes (L.) P.J.Bergius = **Manulea cheiranthus**

parviflora (Benth.) Hiern = **Manulea parviflora** var. **parviflora**

rubra P.J.Bergius = **Manulea rubra**

NORTENIA Thouars 7561010

thouarsii Cham. & Schltdl. = **Torenia thouarsii**

NYCTERINIA D.Don 7523010

africana (L.) Benth. in part, excluding synonym *Erinus africanus* L. = **Zaluzianskya karrooica**

africana (L.) Benth. in part, only the synonym *Erinus africanus* L. = **Zaluzianskya villosa**

africana of author, not of (L.) Benth.: Benth. (1836) in part, excluding synonym *Erinus africanus* L. = **Zaluzianskya pumila**

capensis (L.) Benth. including var. *α hirsuta* Benth., var. *β glabriuscula* Benth., and var. *δ tenuifolia* Benth. = **Zaluzianskya capensis**

capensis (L.) Benth. var. *γ foliosa* Benth. = **Zaluzianskya schmitziae**

coriacea Benth. = **Zaluzianskya capensis**

dentata Benth. = **Zaluzianskya capensis**

divaricata (Thunb.) Benth. = **Zaluzianskya divaricata**

divaricata (Thunb.) Benth. var. *β? parviflora* Benth. = **Zaluzianskya divaricata**

fragrans of *Index Kewensis* (1894), name invalid = **Lyperia lychnidea**

longiflora Benth. = **Zaluzianskya capensis**

lychnidea D.Don = **Zaluzianskya maritima**

maritima (L.f.) Benth. in part = **Zaluzianskya maritima**

microsiphon Kuntze = **Zaluzianskya microsiphon**

natalensis Bernh. = **Zaluzianskya natalensis**

ovata Benth. = **Zaluzianskya ovata**

peduncularis Benth. = **Zaluzianskya peduncularis**

peduncularis Benth. var. *α hirsuta* Benth. = **Zaluzianskya peduncularis**

peduncularis Benth. var. *β glabriuscula* Benth. name only = **Zaluzianskya peduncularis**

pumila Benth. = **Zaluzianskya pumila**

pusilla Benth. = **Zaluzianskya pusilla**

rigida Benth., mistake for *N. divaricata* according to *Index Kewensis* = **Zaluzianskya divaricata**

selaginoides (Thunb.) Benth., excluding var. *β glabra* Benth. and var. *γ parviflora* Benth. = **Zaluzianskya villosa**

selaginoides (Thunb.) Benth. var. *β glabra* Benth. = **Zaluzianskya affinis**

selaginoides (Thunb.) Benth. var. *γ parviflora* Benth. = **Polycarena silenoides**

spathacea Benth. = **Zaluzianskya spathacea**

villosa Benth., excluding synonym *Erinus villosus* Thunb. = **Zaluzianskya benthamiana**

OFTIA Adans. 7494010

(1) Rolfe. 1901. *FC* 5,1: 93, 94 (as in Myoporineae).
(2) Dahlgren & Rao. 1971. *Botaniska Notiser* 124: 451–472.

africana (L.) Bocq.
Lantana africana L. (2)
Lantana crispa Thunb. (2)
O. jasminum (Medik.) Wettst. (2)
Spielmannia africana (L.) Willd. (2)
Spielmannia decurrens Moench, illegitimate name (2)
Spielmannia jasminum Medik. (2)
Perennial. Shrub, dwarf shrub, shrub. Ht 0.07–1.5 m. Alt 5–1400 m. NC, WC, EC

glabra Compton
Perennial. Dwarf shrub, occ. shrub. Ht 0.09–0.8 m. Alt 760–1220 m. WC

jasminum (Medik.) Wettst. = **O. africana**

revoluta (E.Mey.) Bocq.
Spielmannia desertorum Eckl. & Zeyh. ex Schauer, invalid name (2)
Spielmannia revoluta E.Mey. (2)
Perennial. Shrub, dwarf shrub. Ht 0.18–1.5 m. Alt 610–1190 m. NC

OHLENDORFFIA Lehm. 7467010

procumbens Lehm. = **Aptosimum procumbens**

PAEDEROTA L. 7559000

bonae-spei L. = **Diascia capensis**

racemosa Houtt. = **Hemimeris racemosa**

PALMSTRUCKIA Retz. 7518000

foetida (Andrews) Retz = **Sutera foetida**

PELIOSTOMUM E.Mey. ex Benth. 7468000

(1) Hiern. 1904. *FC* 4,2: 132–136.
(2) Hemsley & Skan. 1906. *FTA* 4,2: 275.
(3) Weber. 1907. *Beihefte zum Botanischen Centralblatt* 21,2: 80–101, t. 3.

(4) Phillips. 1950. *Journal of South African Botany* 16: 21, 22.
(5) Roessler. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 9, 10.
(6) Merxmüller & Roessler. 1967. *FSWA* 126: 37–39.

calycinum N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Length up to 0.9 m. Alt ± 120–1220 m. M, S, KZN

leucorrhizum E.Mey. ex Benth.
Aptosimum leucorrhizum (E.Mey. ex Benth.) E.Phillips (6)
Perennial. Dwarf shrub. Ht 0.03–0.4(–0.8) m. Alt 65–1495 m. N, B?, LIM?, NW, M?, FS, NC

leucorrhizum E.Mey. ex Benth. var. *junceum* Hiern = **Aptosimum junceum**

leucorrhizum E.Mey. ex Benth. var. *linearifolium* (Schinz ex Kuntze) F.E.Weber = **Aptosimum lugardiae**

linearifolium Schinz ex Kuntze, naked name = **Aptosimum lugardiae**

lugardiae N.E.Br. ex Hemsl. & Skan as '*lugardae*' = **Aptosimum lugardiae**

marlothii Engl. = **Aptosimum marlothii**

oppositifolium Engl. = **Jamesbrittenia fruticosa**

origanoides E.Mey. ex Benth.
Perennial. Dwarf shrub. Ht 0.05–0.3(–0.6) m. Alt 610–± 1430 m. NW, FS, NC, WC?, EC

scoparium E.Mey. ex Benth. = **Anticharis scoparia**

virgatum E.Mey. ex Benth.
Aptosimum virgatum (E.Mey. ex Benth.) E.Phillips (5 implied)
Perennial. Dwarf shrub, suffrutex. Ht 0.06–0.6(–1) m. Alt 90–1000 m. LIM?, NC, WC

viscosum E.Mey. ex Benth.
Aptosimum viscosum (E.Mey. ex Benth.) E.Phillips, not of Benth.(6)
Perennial, occ. annual. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 360–800 m. N, NC

PHYGELIUS E.Mey. ex Benth. 7495000

(1) Hiern. 1904. *FC* 4: 212–214.
(2) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1584.

aequalis Harv. ex Hiern
Perennial. Shrub, dwarf shrub, herb. Ht 0.45–2 m. Alt 915–2680 m. LIM, M, S, FS, KZN, L, EC

capensis E.Mey. ex Benth.
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 1065–2895 m. M, FS, KZN, L, WC, EC

PHYLLOPODIUM Benth. 7521000

(1) Hiern. 1904. *FC* 4,2: 311–321. (Often cited as 'p.p.' (in part) by Hilliard 1994.)
(2) Levyns. 1939. *Journal of South African Botany* 5: 35.
(3) Merxmüller & Roessler. 1967. *FSWA* 126: 39, 40 as '*Polycarena*'.
(5) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 160, 161.
(5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
(6) Hilliard. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46,3: 341.
(7) Hilliard. 1993. *Edinburgh Journal of Botany* 50,1: 97.
(8) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 429–460.
(9) Goldblatt & Manning. 2000. *Strelitzia* 9: 659, 660.

alpinum N.E.Br.
Polycarena alpina (N.E.Br.) Levyns (8)
Perennial. Herb. Ht ± 0.02–0.04 m. Alt 600–1750 m. WC

anomalum Hilliard
Polycarena plantaginea (L.f.) Benth. in part, not based on *Manulea plantaginis* L.f., or *M. plantaginea* Thunb. and all subsequent authors, misapplied name (5, 8)
Annual. Herb. Ht 0.035–0.25 m. Alt 370–950 m. NC

augei Hiern = **Manulea augei**

baurii Hiern = **Selago baurii**

bracteatum Benth.
Polycarena bracteata (Benth.) Levyns (4)
Annual. Herb. Ht 0.05–0.3 m. Alt 8–550 m. EC

caespitosum Hilliard
Annual. Herb. Length ± 0.01–0.05 m. Alt 1200–2075 m. WC

calvum Hiern = **Melanospermum transvaalense**

capillare (L.f.) Hilliard
Manulea capillaris L.f. (6)
Polycarena capillaris (L.f.) Benth. (6)
Polycarena parvula Schltr. (6)
Annual. Herb. Ht 0.05–0.26 m. Alt up to 120 m. WC

capitatum (L.f.) Benth. in part = **P. cephalophorum**

capitatum (L.f.) Benth. in part = **P. cordatum**

capitatum (L.f.) Benth. in part; Hiern (1904) in part and excluding synonym *Selago cordata* Thunb. = **P. heterophyllum**

cephalophorum (Thunb.) Hilliard
P. capitatum (L.f.) Benth. in part (8)
Polycarena cephalophora (Thunb.) Levyns (7)
Selago cephalophora Thunb. (7)
Annual. Herb. Ht 0.055–0.3 m. Alt ± 300 m. WC

collinum (Hiern) Hilliard
Polycarena collina Hiern (5)
Polycarena pubescens Benth. in part; Hiern (1904) in part, misapplied name (5)
Annual. Herb. Ht 0.03–0.3 m. Alt 550–900 m. N?, NC

cordatum (Thunb.) Hilliard
P. capitatum (L.f.) Benth. in part (8)
Selago cordata Thunb. (6)
Annual. Herb. Length 0.05–0.3 m. Alt up to 750 m. WC

cuneifolium (L.f.) Benth.
Manulea cuneifolia L.f. (8)
Polycarena cuneifolia (L.f.) Levyns (5)
Selago herbacea Choisy excluding synonym *Selago lobeliacea* Hochst. (8)
Annual. Herb. Ht 0.045–0.4 m. Alt 6–520 m. KZN, WC, EC

diffusum Benth.
P. diffusum Benth.: Hiern (1904) in part (8)
Polycarena diffusa (Benth.) Levyns (5)
Annual. Herb. Ht 0.05–0.35 m. Alt 18–395 m. EC

diffusum Benth.: Hiern (1904) in part = **P. diffusum**

dolomiticum Hilliard
Perennial. Herb. Ht 0.12–0.3 m. Alt 670–760 m. WC

elegans (Choisy) Hilliard
P. linearifolium Bolus (5)
Polycarena linearifolia (Bolus) Levyns (5)
Selago elegans Choisy (5)
Annual? Herb. Ht 0.15–0.45 m. Alt 245–1250 m. WC

glutinosum Schltr.; Hiern (1904) in part = **Trieenea glutinosa**

heterophyllum (L.f.) Benth.
Manulea capitata L.f. (8)
Manulea heterophylla L.f. (8)

P. capitatum (L.f.) Benth. in part; Hiern (1904) in part and excluding synonym *Selago cordata* Thunb. (8)
P. heterophyllum (L.f.) Benth.: Hiern (1904) in part (8)
Polycarena capitata (L.f.) Levyns as '*P. heterophylla*' (9)
Polycarena heterophylla (L.f.) Levyns as '*P. capitata*' (9)
Annual. Herb. Ht 0.05–0.3 m. Alt up to 750 m. WC

heterophyllum (L.f.) Benth.: Hiern (1904) in part = **P. heterophyllum**

heterophyllum of author, not of (L.f.) Benth.: Hiern (1904) in part = **P. lupuliforme**

hispidulum (Thell.) Hilliard
Polycarena hispidula Thell. (7)
Annual. Herb. Ht ± 0.035–0.08 m. Alt? N, NC

krebsianum Benth. = **Glekia krebsiana**

linearifolium Bolus = **P. elegans**

lupuliforme (Thell.) Hilliard
P. heterophyllum of author, not of (L.f.) Benth.: Hiern (1904) in part (8)
Polycarena lupuliformis Thell. (5)
Annual. Herb. Ht 0.065–0.15 m. Alt ± 900 m. NC

maxii (Hiern) Hilliard
Polycarena maxii Hiern (5)
Polycarena pubescens of author, not of Benth.: Merxmüller & Roessler (1967), misapplied name (8)
Annual. Herb. Ht 0.04–0.3 m. Alt ± 945 m. N, NC

micranthum (Schltr.) Hilliard
Polycarena rariflora Benth. var. *micrantha* Schltr. (5)
Annual. Herb. Ht 0.04–0.15 m. Alt ± 1370 m. WC

mimetes Hilliard
Annual. Herb. Ht 0.09–0.2 m. Alt ± 45 m. WC

minimum Hiern = **Zaluzianskya minima**

multifolium Hiern
Polycarena multifolia (Hiern) Levyns (8)
Annual. Herb. Ht 0.08–0.37 m. Alt 305–1100 m. WC

namaense (Thell.) Hilliard
P. rangei Engl. (8)
Polycarena namaensis Thell. (5)
Polycarena rangei (Engl.) Levyns (8)
Annual. Herb. Ht 0.02–0.15 m. Alt 1200–1300 m. N, NC

phyllopodioides (Schltr.) Hilliard
Polycarena selaginoides Schltr. ex Hiern (7)
Selago phyllopodioides Schltr. (7)
Annual. Herb. Ht 0.04–0.25 m. Alt ± 90–365 m. WC

pubiflorum Hilliard
Annual. Herb. Ht 0.04–0.15 m. Alt? NC

pumilum Benth.
Polycarena pumila (Benth.) Levyns (8)
Annual. Herb. Ht ± 0.04–0.19 m. Alt 0–1300 m. WC

rangei Engl. = **P. namaense**

rudolphii Hiern = **Pseudoselago humilis**

rupestre Hiern = **Melanospermum rupestre**

rustii (Rolfe) Hilliard
Selago rustii Rolfe (5)
Annual. Herb. Ht 0.07–0.2(–0.3) m. Alt 70–900 m. WC, EC

schlechteri Hiern = **Trieenea schlechteri**

?*sordidum* Hiern (type lost in Berlin) = **Manulea augei**

tweedense Hilliard
Annual. Herb. Ht 0.05–0.155 m. Alt ± 975 m. WC

viscidissimum Hilliard
Annual. Herb. Ht 0.03–0.055 m. Alt ± 1890 m. WC

POLYCARENA Benth. 7522000

(1) Hiern. 1904. *FC* 4,2: 321–333. (Often cited as 'p.p.' (in part) by Hilliard 1994.)
(2) Levyns. 1939. *Journal of South African Botany* 5: 35.
(3) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 155–162.
(4) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
(5) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 395–416.
(6) Goldblatt & Manning. 2000. *Strelitzia* 9: 660, 661.

aemulans Hilliard
P. gilioides of author, not of Benth.: Hiern (1904) in part, misapplied name (5)
P. silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name (5)
Annual. Herb. Ht 0.04–0.13 m. Alt 305–700 m. NC, WC

aethiopica (L.) Druce = **Sutera aethiopica**

alpina (N.E.Br.) Levyns = **Phyllopodium alpinum**

arenaria Hiern = **P. pubescens**

augei (Hiern) Levyns = **Manulea augei**

aurea Benth.
P. aurea Benth.: Hiern (1904) in part (5)
Annual. Herb. Ht 0.04–0.15(–0.3) m. Alt 914–1372 m. NC, WC

aurea Benth.: Hiern (1904) in part = **P. aurea**

aurea of author, not of Benth.: Hiern (1904) in part, misapplied name = **P. formosa**

batteniana Hilliard
Annual. Herb. Ht 0.06–0.18 m. Alt 400–700 m. NC, WC

baurii (Hiern) Levyns = **Selago baurii**

bracteata (Benth.) Levyns = **Phyllopodium bracteatum**

calva (Hiern) Levyns = **Melanospermum transvaalense**

capensis (L.) Benth.
Buchnera capensis L. (1)
Erinus umbellatus Burm.f. (5)
Manulea capensis (L.) Thunb. (5)
Manulea villosa Pers., illegitimate name (5)
P. capensis (L.) Benth.: Hiern (1904) in part (5)
Annual. Herb. Ht 0.07–0.28 m. Alt 50–915 m. WC

capensis (L.) Benth.: Hiern (1904) in part = **P. capensis**

capillaris (L.f.) Benth. = **Phyllopodium capillare**

capitata (L.f.) Levyns as '*P. heterophylla*' = **Phyllopodium heterophyllum**

cephalophora (Thunb.) Levyns = **Phyllopodium cephalophorum**

collina Hiern = **Phyllopodium collinum**

comptonii Hilliard
Annual. Herb. Ht 0.02–0.1 m. Alt? WC

cuneifolia (L.f.) Levyns = **Phyllopodium cuneifolium**

diffusa (Benth.) Levyns = **Phyllopodium diffusum**

dinteri Thell. = **Zaluzianskya peduncularis**

discolor Schinz = **Melanospermum foliosum**

exigua Hilliard
Annual. Herb. Ht 0.03–0.13 m. Alt 900–1220 m. WC

filiformis Diels
P. gracilipes N.E.Br. ex Hiern (5)
Annual. Herb. Ht 0.12–0.25 m. Alt ± 1130 m. NC

foliosa Benth. = **Melanospermum foliosum**

formosa Hilliard
P. aurea of author, not of Benth.: Hiern (1904) in part, misapplied name (5)
Annual. Herb. Ht 0.07–0.2 m. Alt 460–760 m. NC, WC

gilioides Benth.
P. gilioides Benth.: Hiern (1904) in part (5)
Annual. Herb. Ht 0.075–0.22 m. Alt ± 215 m. WC

gilioides Benth.: Hiern (1904) in part = **P. gilioides**

gilioides of author, not of Benth.: Hiern (1904) in part, misapplied name = **P. aemulans**

glaucescens Hiern = **P. pubescens**

glutinosa (Schltr.) Levyns = **Trieenea glutinosa**

gracilipes N.E.Br. ex Hiern = **P. filiformis**

gracilis Hilliard
Annual. Herb. Ht 0.09–0.23 m. Alt 550–900 m. WC

heterophylla (L.f.) Levyns as '*P. capitata*' = **Phyllopodium heterophyllum**

hispidula Thell. = **Phyllopodium hispidulum**

intertexta Benth. = **Cromidon decumbens**

leipoldtii Hiern = **P. rariflora**

lilacina Hilliard var. **difficilis** Hilliard
Annual. Herb. Ht 0.1–0.26 m. Alt 110–120 m. WC

lilacina Hilliard var. **lilacina**
Annual. Herb. Ht 0.06–0.28 m. Alt up to 200 m. WC

linearifolia (Bolus) Levyns = **Phyllopodium elegans**

lupuliformis Thell. = **Phyllopodium lupuliforme**

maxii Hiern = **Phyllopodium maxii**

minima (Hiern) Levyns = **Zaluzianskya minima**

multifolia (Hiern) Levyns = **Phyllopodium multifolium**

namaensis Thell. = **Phyllopodium namaense**

nardouwensis Hilliard
Annual. Herb. Ht 0.07–0.16 m. Alt? WC

parvula Schltr. = **Phyllopodium capillare**

plantaginea (L.f.) Benth., in part, based on *Manulea plantaginis* L.f = **Cromidon plantaginis**

plantaginea (L.f.) Benth., in part, not based on *Manulea plantaginis* L.f., or *M. plantaginea* Thunb. and all subsequent authors, misapplied name = **Phyllopodium anomalum**

pubescens Benth.
P. arenaria Hiern (5)
P. glaucescens Hiern (5)
P. pubescens Benth. in part; Hiern (1904) in part (5)
Annual. Herb. Ht 0.065–0.28 m. Alt 300–1250 m. N, NC, WC

pubescens Benth. in part; Hiern (1904) in part = **P. pubescens**

pubescens Benth. in part; Hiern (1904) in part, misapplied name = **Phyllopodium collinum**

pubescens of author, not of Benth.: Merxmüller & Roessler (1967), misapplied name = **Phyllopodium maxii**

pumila (Benth.) Levyns = **Phyllopodium pumilum**

rangei (Engl.) Levyns = **Phyllopodium namaense**

rariflora Benth.
P. leipoldtii Hiern (5)
P. rariflora Benth.: Hiern (1904) excluding var. *micrantha* Schltr. (5)
Annual. Herb, Ht 0.04–0.25 m. Alt 60–1370 m. NC, WC

rariflora Benth.: Hiern (1904), excluding var. *micrantha* Schltr. = **P. rariflora**

rariflora Benth. var. *micrantha* Schltr. = **Phyllopodium micranthum**

rupestris (Hiern) Levyns = **Melanospermum rupestre**

schlechteri (Hiern) Levyns = **Trieenea schlechteri**

selaginoides Schltr. ex Hiern = **Phyllopodium phyllopodioides**

silenoides Harv. ex Benth.
Nycterinia selaginoides (Thunb.) Benth. var. *γparviflora* Benth. (5)
P. silenoides Harv. ex Benth.: Hiern (1904) in part (5)
Zaluzianskya selaginoides (Thunb.) Walp. var. *γparviflora* (Benth.) Walp. (6 implied)
Zaluzianskya villosa F.W.Schmidt var. *γparviflora* (Benth.) Hiern, in part (5)
Annual. Herb. Ht 0.05–0.14 m. Alt 670–700 m. WC

silenoides Harv. ex Benth.: Hiern (1904) in part = **P. silenoides**

silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name = **P. aemulans**

silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name = **P. subtilis**

sordida (Hiern) Levyns = **Manulea augei**

subtilis Hilliard
P. silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name (5)
Annual. Herb. Ht 0.05–0.24 m. Alt up to 518 m. WC

tenella Hiern
Annual. Herb. Ht 0.03–0.19 m. Alt 450–1100 m. NC, WC

transvaalensis Hiern = **Melanospermum transvaalense**

transvaalensis of author, not of Hiern: Philcox (1990), misapplied name = **Melanospermum foliosum**

POLYCENIA Choisy 7566010

cordata (L.) E.Mey. = **Hebenstretia cordata**

dregei Gand. = **Hebenstretia cordata**

?fenestrata E.Mey. = **Hebenstretia repens**

fruticosa E.Mey. not *Hebenstretia fruticosa* L.f. = **Hebenstretia dregei**

hebenstretioides Choisy = **Hebenstretia repens**

lanceolata E.Mey., excluding var. *β glabrata* E.Mey. = **Hebenstretia lanceolata**

lanceolata E.Mey. var. *β glabrata* E.Mey. = **Dischisma ciliatum** subsp. **erinoides**

tenera Walp. = **Hebenstretia repens**

PSEUDOSELAGO Hilliard 7568060

(1) Rolfe. 1901. *FC* 5,1: 160, 163–168 as '*Selago*', section *Spurieae* & *S. heterophylla.*
(2) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 243–332.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 661–663.

arguta (E.Mey.) Hilliard
Selago arguta E.Mey. (2)
Perennial. Herb. Length 0.06–0.45 m. Alt 460–1130 m. NC, WC

ascendens (E.Mey.) Hilliard
Selago ascendens E.Mey.; Rolfe (1901) in part, (2)

Selago heterophylla Rolfe, not of Thunb., illegitimate name, in part (2)
Selago incisa Hochst. (2)
Annual or perennial. Herb. Length 0.05–0.45 m. Alt 900–1800 m. WC

bella Hilliard
Perennial. Herb. Length ± 0.07–0.3 m. Alt 1200–1700 m. WC

burmannii (Choisy) Hilliard
Selago burmannii Choisy, excluding synonym *Selago arguta* E.Mey. (2)
Selago lanceolata Choisy in part (2)
Perennial. Herb, suffrutex. Ht ± 0.3–0.9 m. Alt? WC

caerulescens Hilliard
Annual? Herb. Ht ± 0.15–0.6 m. Alt 200–1525 m. WC

candida Hilliard
Selago verbenacea of author, not of L.f.: Rolfe (1901) in part, misapplied name (2)
Annual? Herb. Ht ± 0.25–0.75 m. Alt ± 300–600 m. WC

densifolia (Hochst.) Hilliard
Selago densifolia Hochst. (2)
Selago rapunculoides L. var. *β densifolia* (Hochst.) Choisy (2)
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
Perennial. Herb. Ht ± 0.3–2.1 m. Alt 260–800 m. WC

diplotricha Hilliard
Perennial. Herb. Length ± 0.15–0.75 m. Alt 1370–1525 m. WC

gracilis Hilliard
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
Perennial. Herb. Ht ± 0.15–0.75 m. Alt 450–1400 m. NC, WC

guttata (E.Mey.) Hilliard
Selago guttata E.Mey. (2)
Annual? Herb. Ht ± 0.09–0.65 m. Alt 1220–1500 m. WC

humilis (Rolfe) Hilliard
Phyllopodium rudolphii Hiern (2)
Selago humilis Rolfe (2)
Selago rudolphii (Hiern) Levyns (2)
Annual, perennial? Ht ± 0.05–0.4 m. Alt 1200–1800 m. WC

langebergensis Hilliard
Perennial. Dwarf shrub. Ht ± 0.35–0.5 m. Alt 200–1800 m. WC

outeniquensis Hilliard
Annual. Herb. Ht ± 0.3–0.75 m. Alt 600–1675 m. WC, EC

parvifolia Hilliard
Perennial. Herb. Ht ± 0.2–0.9 m. Alt 600–1300 m. NC, WC

peninsulae Hilliard
Selago fasciculata L. var. *β hirta* (Choisy, not of L.f.) E.Mey. subvar. b E.Mey. (2)
?*Selago lobeliacea* Hochst. (type lost in Berlin) (2)
Selago quadrangularis of author, not of Choisy: Rolfe (1901) in part (2)
Annual or perennial. Herb. Length ± 0.12–0.75 m. Alt 700–1050 m. WC

prolixa Hilliard
Perennial. Herb. Length ± 0.05–0.6 m. Alt 1525–1800 m. WC

prostrata Hilliard
Perennial? Herb. Length ± 0.04–0.1 m. Alt 1770–2200 m. WC

pulchra Hilliard
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt 100–1370 m. WC

quadrangularis (Choisy) Hilliard
Selago decumbens Choisy, not of Thunb. (1)
Selago fasciculata L. var. *β hirta* (Choisy, not of L.f.) E.Mey. (2)
Selago hirta of author, not of L.f.: Choisy (1823), misapplied name (2)
Selago quadrangularis Choisy; Rolfe (1901) in part (2)
Perennial? Herb. Length ± 0.45–0.75 m. Alt? WC

rapunculoides (L.) Hilliard
Selago coccinea L. (2)
Selago fasciculata L. var. *β lanceolata* Walp., naked name (2)
Selago lanceolata Choisy in part (2)
Selago pulchella Salisb., illegitimate name (2)
Selago rapunculoides L. (2)
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
?*Selago teretifolia* Link (type lost in Berlin) (2)
Perennial. Herb. Ht ± 0.1–0.5 m. Alt ± 40 m. WC

recurvifolia Hilliard
Selago fasciculata L. var. *α glabra* E.Mey. subvar. b E.Mey. (2)
Perennial. Herb. Length ± 0.1–0.5 m. Alt 550–1250 m. WC

serrata (P.J.Bergius) Hilliard
Selago fasciculata L. (2)
Selago pentheri Gand. (2)
Selago serrata P.J.Bergius; Rolfe (1901) in part, & Stapf (1932), both excluding *S. lanceolata* Choisy (2)
Perennial. Dwarf shrub or shrub. Ht ± 0.6–2 m. Alt 60–1200 m. WC

similis Hilliard
Selago heterophylla of authors, not of Thunb.: E.Mey. (1838); Choisy (1848), misapplied name (2)
Selago heterophylla Rolfe, not of Thunb., illegitimate name, in part (2)
Perennial. Herb. Length ± 0.15–0.75 m. Alt 1200–2100 m. WC

spuria (L.) Hilliard
Selago dentata Poir. (2)
Selago fulvomaculata Link (2)
Selago heterophylla Thunb. (2)
Selago pallida Salisb., illegitimate name (2)
Selago spuria L. (2)
Perennial, but sometimes appearing annual. Herb. Length ± 0.1–0.5 m. Alt 0–1300 m. WC

subglabra Hilliard
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
Perennial. Herb. Ht ± 0.1–0.8 m. Alt 335–1200 m. WC

verbenacea (L.f.) Hilliard
?*Selago ramulosa* Link, not of E.Mey. (2)
Selago verbenacea L.f.; Rolfe (1901) in part (2)
Selago verbenacea L.f. var. *β villosa* Choisy (2)
Annual, perennial? Herb. Ht up to 2 m. Alt 0–1200 m. WC

violacea Hilliard
Selago ascendens of author, not of E.Mey.: Rolfe (1901) in part (2)
Annual or perennial. Herb. Length ± 0.12–0.5 m. Alt 900–1500 m. WC

REYEMIA Hilliard 7522030

(1) Hilliard. 1992. *Edinburgh Journal of Botany* 49,3: 297.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 522, 523.

chasmanthiflora Hilliard

Annual. Herb. Ht 0.08–0.2 m. Alt 1121–1123 m. NC

nemesioides (Diels) Hilliard
Zaluzianskya nemesioides Diels (1)
Annual. Herb. Ht 0.02–0.3 m. Alt 1220–1615 m. NC

SCHISTANTHE Kunze 7469010

peduncularis Kunze = **Alonsoa peduncularis**

*SCOPARIA L. 7576000

(1) Hemsley & Skan. 1906. *FTA* 4,2: 354, 355.
(2) Philcox. 1990. *FZ* 8,2: 77, 78.

dulcis L.
S. ternata Forssk. (1)
Perennial. Suffrutex, dwarf shrub. Ht 0.25–1 m. Alt 5–325 m. KZN

ternata Forssk. = **S. dulcis**

SELAGINASTRUM Schinz & Thell. 7497040

karasmontanum (Dinter) Schinz & Thell. = **Antherothamnus pearsonii**

rigidum (L.Bolus) Schinz & Thell. = **Antherothamnus pearsonii**

rigidum (L.Bolus) Schinz & Thell. var. (?) *karasmontanum* (Dinter) Schinz & Thell. = **Antherothamnus pearsonii**

SELAGO L. 7568000

(1) Rolfe 1901. *FC* 5,1: 129–174, including *Walafrida*. (Often cited as 'p.p.' (in part) by Hilliard (1999), not all listed here.)
(2) Merxmüller & Roessler. 1967. *FSWA* 127: 1–7, including *Walafrida* (some species now *Cromidon*).
(3) Hilliard. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 314–319.
(4) Philcox. 1990. *FZ* 8,2: 165–173, including *Walafrida*.
(5) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–343.
(6) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: various pages.
(7) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 243–332.
(8) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 361, 362.
(9) Hilliard. 1996. *Edinburgh Journal of Botany* 53,2: 277–280.
(10) Hilliard. 1997. *Edinburgh Journal of Botany* 54,1: 106–108.
(11) Hilliard. 1998. *Edinburgh Journal of Botany* 55,2: 221–227.
(12) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 1–312.
(13) Retief & Herman. 1997. *Strelitzia* 6: 618, 619.
(14) Goldblatt & Manning. 2000. *Strelitzia* 9: 663–669.
(15) The Plant Names Project. 2002. *International Plant Names Index*, http://www.ipni.org (accessed on 12-08-2002).
Note: occasionally plants have only female flowers, which appear very different from hermaphrodite ones. Usually the flowers are much smaller and stamens are lacking or malformed.

abietina Burm.f., insufficiently known (12)

acocksii Hilliard
S. zeyheri Rolfe, not of Choisy (1848) (11)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 750–1370 m. NC, WC, EC

acutibractea Hilliard
S. hyssopifolia of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (7)
Perennial. Herb. Length 0.6–2 m. Alt 1200–1800 m. M, S, KZN

adenodes Hilliard
Perennial. Dwarf shrub. Ht 0.12–0.35 m. Alt 1500–1675 m. WC

adpressa Choisy = **Globulariopsis adpressa**

aggregata Rolfe = **Tetraselago wilmsii**

albanensis Schltr. = **S. recurva**

albida Choisy
S. albida Choisy: Rolfe (1901) in part and excluding synonym *S. capituliforme* Rolfe (12)
S. hermannioides of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Length ± 0.15–0.6 m. Alt 350–2000 m. FS, L?, NC, WC, EC

albida Choisy: Rolfe (1901) in part and excluding synonym *S. capituliforme* Rolfe = **S. albida**

albida of authors, not of Choisy: Rolfe (1901) in part; Merxmüller & Roessler (1967), in part, misapplied name = **S. divaricata**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. angustibractea**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. lepida**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. perplexa**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. verna**

albomarginata Hilliard
S. alliodora Dinter ex Engl., naked name (12)
Walafrida nachtigalii of author, not of (Rolfe) Rolfe: Philcox (1990) misapplied name (12)
Walafrida nachtigalii (Rolfe) Rolfe in part (12)
Walafrida schinzii of author, not of Rolfe: Merxmüller & Roessler (1967), misapplied name (12)
Perennial, but sometimes appearing annual. Herb. Length ± 0.15–0.5 m. Alt 1035–1370 m. N, B, NW, FS, NC, WC

albomontana Hilliard
Perennial. Dwarf shrub. Ht 0.25–0.85 m. Alt 975–1220 m. WC

alliodora Dinter ex Engl., naked name = **S. albomarginata**

alopecuroides Rolfe
Walafrida alopecuroides (Rolfe) Rolfe (12)
Walafrida paniculata (Thunb.) Rolfe in part (12)
Walafrida schinzii Rolfe (12)
Annual. Herb. Ht 0.3–0.75 m. Alt 1300–2480 m. N

amboensis Rolfe
Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)
Perennial, but sometimes appearing annual. Herb. Length 0.05–0.45 m. Alt? N

angolensis Rolfe
S. chongweënsis (Rolfe) Torre & Harms, invalid combination (12)
Walafrida angolensis (Rolfe) Rolfe (12)
Walafrida chongweënsis Rolfe (12)
Perennial. Herb. Ht 0.2–0.75 m. Alt? N, B

angustibractea Hilliard
S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Length 0.07–0.6 m. Alt 50–900 m. N, NC

angustifolia Thunb., illegitimate name = **Microdon dubius**

apiculata E.Mey. = **Glumicalyx apiculatus**

appressa of author, not of Choisy: E.Mey. (1838), misapplied name = **S. saxatilis**

arguta E.Mey. = **Pseudoselago arguta**

articulata Thunb.
Walafrida articulata (Thunb.) Rolfe (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.25 m. Alt ± 1500 m. NC

ascendens E.Mey.; Rolfe (1901) in part = **Pseudoselago ascendens**

ascendens of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **Pseudoselago violaceae**

aspera Choisy
S. mundii Rolfe in part (12)
Perennial. Dwarf shrub, herb. Ht 0.155–0.6 m. Alt 0–± 600 m. WC

atherstonei Rolfe
S. muddii Rolfe (12)
Perennial. Herb. Length 0.15–0.55 m. Alt 1500–2200 m. M

barbula Harv. ex Rolfe
Perennial. Herb. Length ± 0.3–0.45 m. Alt 1200–1500 m. KZN

baurii (Hiern) Hilliard
Phyllopodium baurii Hiern (12)
Polycarena baurii (Hiern) Levyns (12)
Perennial. Dwarf shrub, shrub. Ht up to 1 m. Alt 1065–1430 m. EC

beaniana Hilliard
Perennial. Dwarf shrub, shrub. Ht ± 0.4–1.5 m. Alt 360–650 m. NC

bilacunosa Hilliard
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt 760–1500 m. WC

bolusii Rolfe
S. distans Lindl., not of E.Mey. (1)
Perennial. Dwarf shrub, shrub. Ht ± 1 m. Alt ± 1310–2135 m. EC

bracteata Thunb. = **Microdon parviflorus**

brevifolia Rolfe
S. luxurians Choisy in part (12)
Perennial. Dwarf shrub, shrub. Ht ± 0.2–0.75 m. Alt 350–1300 m. WC

burchellii Rolfe
S. pubescens Rolfe (12)
Perennial. Herb. Ht up to 1 m. Alt 185–244 m. WC

burkei Rolfe
Perennial. Dwarf shrub. Length ± 0.25–0.5 m. Alt? NW, FS

burmannii Choisy, excluding synonym *Selago arguta* E.Mey. = **Pseudoselago burmannii**

canescens L.f.
S. forbesii Rolfe (12)
S. glabrata Choisy in part (12)
S. glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)
S. meyeri Choisy (12)
S. ramulosa E.Mey., not of Link (12)
S. thunbergii Choisy (12)
Perennial. Dwarf shrub. Ht ± 0.5–1.2 m. Alt up to 900 m. WC, EC

capitata P.J.Bergius = **Microdon capitatus**

capitellata Schltr.
S. saundersiae Rolfe (12)
Perennial. Herb. Ht ± 0.2–0.4 m. Alt 1500–2000 m. LlM, M, KZN

capituliflora Rolfe
Perennial. Dwarf shrub, shrub. Length ± 1 m. Alt ± 600 m. WC

cecilae (Rolfe) Eyles
S. densiflora Rolfe in part (12)
Walafrida cecilae Rolfe (12)
Perennial. Herb. Length 0.15–0.5 m. Alt 1200–1500 m. B, LIM, NW

cedrimontana Hilliard
Perennial. Herb, dwarf shrub? Length 0.35–? m. Alt 900–1800 m. WC

centralis Hilliard
Perennial. Dwarf shrub. Ht ± 0.45 m. Alt 1000–1800 m. N, NW, NC, EC

cephalophora of author, not of Thunb.: E.Mey. (1837), misapplied name = **Glumicalyx nutans**

cephalophora Thunb. = **Phyllopodium cephalophorum**

chalarantha Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt ± 820 m. NC

chenopodioides Diels = **Chenopodiopsis chenopodioides**

choisiana E.Mey. = **S. paniculata**

chongweënsis (Rolfe) Torre & Harms, invalid combination = **S. angolensis**

ciliata L.f.
Walafrida ciliata (L.f.) Rolfe (12)
Perennial, but sometimes appearing annual. Herb. Ht ± 0.03–0.3 m. Alt 120–600 m. WC

cinerascens E.Mey. = **S. cinerea**

cinerascens E.Mey. var. *exasperata* E.Mey. = **S. cinerea**

cinerea L.f.
S. cinerascens E.Mey. (12)
S. cinerascens E.Mey. var. *exasperata* E.Mey. (12)
Walafrida cinerea (L.f.) Rolfe (12)
Perennial. Dwarf shrub or suffrutex. Ht up to 1 m. Alt 150–1200 m. WC, EC

coccinea L. = **Pseudoselago rapunculoides**

coerulea Burch. ex Hochst., naked name = **S. decipiens**

comosa E.Mey., insufficiently known, but possibly = **S. recurva** (12)

compacta Rolfe
S. junodii of author, not of Rolfe: Compton (1976) in part, misapplied name (12)
Perennial. Herb. Length 0.1–0.6 m. Alt 1065–2075 m. M, FS, S? KZN?

comptonii Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt 615–915 m. WC

confusa Hilliard
S. glabrata Choisy unnamed var. Choisy (1848) in part (12)
Walafrida micrantha (Choisy) Rolfe in part (12)
Perennial. Dwarf shrub. Length 0.1–0.4 m. Alt 150–760 m. EC

congesta Rolfe
Walafrida congesta (Rolfe) Rolfe (12)
Perennial. Dwarf shrub? Ht? Alt? WC?, EC? 'Cape', 'Cape of Good Hope'

cooperi Rolfe = **S. galpinii**

cordata E.Mey. = **Cromidon decumbens**

cordata Thunb. = **Phyllopodium cordatum**

corrigioloides Rolfe = **Cromidon corrigioloides**

corymbosa L.
S. corymbosa L.: Choisy (1823 & 1848) the latter excluding var. *β polystachya* (L.) E.Mey.; E.Mey. (1838) in part and excluding var. *β polystachya* (L.) E.Mey.; Rolfe (1901) in part and excluding synonym var. *β polystachya* (L.) E.Mey. (12)
Perennial. Dwarf shrub, shrub. Ht 0.3–1 m. Alt 0–1050 m. WC, EC

corymbosa L.: Choisy (1823 & 1848) the latter excluding var. *β polystachya* (L.) E.Mey.; E.Mey. (1838) in part and excluding var. *β polystachya* (L.) E.Mey.; Rolfe (1901) in part and excluding synonym var. *β polystachya* (L.) E.Mey. = **S. corymbosa**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. dolichonema**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. dolosa**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. polystachya**

crassifolia (Rolfe) Hilliard
Walafrida crassifolia Rolfe (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.2 m. Alt 1400–1700 m. NC, WC

cryptadenia Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.5 m. Alt up to 600 m. WC

cucullata Hilliard
S. densiflora Rolfe in part (12)
Walafrida densiflora (Rolfe) Rolfe in part (12)
Perennial. Herb. Ht 0.15–0.4 m. Alt 0–1950 m. M, KZN

cupressoides Hilliard
S. triquetra of author, not of L.f.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.45 m. Alt ± 500–760 m. WC

curvifolia Rolfe
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 750–1300 m. WC

cylindrica Levyns = **S. scabrida**

decipiens E.Mey.
Selago coerulea Burch. ex Hochst., naked name (12 as '*caerulea*')
Walafrida decipiens (E.Mey.) Rolfe (12)
Walafrida macowani Rolfe (12)
Walafrida zeyheri (Choisy) Rolfe in part (12)
Perennial, but sometimes flowering early. Suffrutex. Ht up to 0.6 m. Alt up to 600 m. EC

decumbens Choisy, not of Thunb. = **Pseudoselago quadrangularis**

decumbens Thunb. = **Cromidon decumbens**

densiflora Rolfe
S. densiflora Rolfe in part (12)
Walafrida densiflora (Rolfe) Rolfe in part (12)
Walafrida polystachya Rolfe in part (12)
Perennial. Herb. Ht 0.05–0.4 m. Alt 1200–2100 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

densiflora Rolfe in part = **S. cecilae**

densiflora Rolfe in part = **S. cucullata**

densiflora Rolfe in part = **S. densiflora**

densiflora Rolfe in part = **S. tenuifolia**

densifolia Hochst. = **Pseudoselago densifolia**

dentata Poir. = **Pseudoselago spuria**

diabolica Hilliard
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt? NC

?*diffusa* Hochst., not of Thunb. = **S. linearis**

diffusa Thunb.
S. diosmoides Rolfe in part (12)
Perennial. Dwarf shrub. Ht ± 0.1–0.3 m. Alt 0–170 m. WC

dinteri Rolfe subsp. **dinteri**
Walafrida dinteri (Rolfe) Rolfe (12)
Walafrida fleckii Rolfe (12)
Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)
Perennial. Herb. Ht 0.15–0.7 m. Alt 1300–2100 m. N, B

dinteri Rolfe subsp. **pseudodinteri** Hilliard
Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)
Perennial. Herb. Ht 0.15–0.45 m. Alt ± 1525 m. N, B, NC

diosmoides Rolfe in part = **S. diffusa**

distans E.Mey
Walafrida distans (E.Mey.) Rolfe (12)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 600–1000 m. WC

distans Lindl., not of E.Mey. = **S. bolusii**

divaricata L.f
S. albida of author, not of Choisy: Rolfe (1901) in part; Merxmüller & Roessler (1967) in part, misapplied name (12)
S. minutissima Choisy (12)
Walafrida merxmuelleri Roessler (12)
Perennial. Dwarf shrub. Ht 0.8–1 m. Alt 1300–2000 m. N, NC

dolichonema Hilliard
S. corymbosa L. var. *polystachya* (L.) E.Mey. in part (12)
Perennial. Dwarf shrub, shrub. Ht up to ± 1 m. Alt ± 1500 m. WC

dolosa Hilliard
S. corymbosa L. var. *polystachya* (L.) E.Mey. in part (12)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 0–1500 m. FS?, NC, WC, EC

dregeana Hilliard
S. glutinosa E.Mey. in part (12)
S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 900–1200 m. WC

dregei Rolfe in part = **S. glandulosa**

dregei Rolfe in part = **S. luxurians**

dubia L. = **Microdon dubius**

eckloniana Choisy
S. elata Choisy (12)
S. pinea Drège (1)
Perennial. Dwarf shrub. Ht ± 0.3–0.75 m. Alt 300–975 m. WC

elata Choisy = **S. eckloniana**

elata Rolfe, not of Choisy = **S. procera**

elegans Choisy = **Phyllopodium elegans**

elongata Hilliard

Perennial. Herb, suffrutex. Length ± 0.35–0.6 m. Alt 60–600 m. KZN

elsiae Hilliard
Life form? Habit? Ht 0.25–? m. Alt ± 1220 m. WC

?*ericina* E.Mey. = **S. triquetra**

ericoides L. = **Stilbe ericoides**

esterhuyseniae Hilliard
Perennial. Dwarf shrub. Ht up to 1 m? Alt ± 1980 m. WC

exigua Hilliard
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt ± 760 m. WC, EC

farrago Hilliard
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt ± 915 m. NC

fasciculata L. = **Pseudoselago serrata**

fasciculata L. var. *α glabra* E.Mey. subvar. b E.Mey. = **Pseudoselago recurvifolia**

fasciculata L. var. *β hirta* (Choisy not of L.f.) E.Mey. = **Pseudoselago quadrangularis**

fasciculata L. var. *β hirta* (Choisy not of L.f.) E.Mey. subvar. b E.Mey. = **Pseudoselago peninsulae**

fasciculata L. var. *β lanceolata* Walp., naked name = **Pseudoselago rapunculoides**

ferruginea Rolfe
S. leptostachya E.Mey. var. *eckloniana* Choisy (12)
Perennial. Dwarf shrub. Ht 0.3–? m. Alt? WC

flanaganii Rolfe
S. lithospermoides Rolfe (3)
Perennial. Dwarf shrub. Ht ± 1–1.5 m. Alt 2200–3300 m. KZN, L, EC

florifera Hilliard
Perennial. Dwarf shrub. Ht? Alt? NC

foliosa Rolfe
Perennial. Herb. Ht 0.65–? m. Alt 335–915 m. KZN, EC

forbesii Rolfe = **S. canescens**

fourcadei Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt 300–1300 m. WC

fruticosa L.
S. fruticosa L.: Rolfe (1901) in part (12)
S. fruticulosa Rolfe in part (12)
Perennial, but sometimes flowering when 1-stemmed. Dwarf shrub. Ht ± 0.15–0.45 m. Alt 0–650 m. WC

fruticosa L.: Rolfe (1901) in part = **S. fruticosa**

fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name = **S. nigrescens**

fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name = **S. pinea**

fruticulosa Rolfe in part = **S. fruticosa**

fruticulosa Rolfe in part = **S. neglecta**

fruticulosa Rolfe in part = **S. pinea**

fulvomaculata Link = **Pseudoselago spuria**

galpinii Schltr.
S. cooperi Rolfe (3)
S. sandersonii Rolfe (3)
?*S. schlechteri* Rolfe (12)
Perennial. Herb becoming very woody. Length ± 0.15–0.5 m. Alt 1500–2575 m. M, FS, KZN, L, EC

geniculata L.f.
S. geniculata L.f.: Choisy (1848) in part (12)
S. leptostachya E.Mey. (12)
Walafrida geniculata (L.f.) Rolfe (12)
Perennial. Dwarf shrub. Ht ± 0.1–0.5 m. Alt 0–1500 m. NW, FS, NC, WC, EC

geniculata L.f.: Choisy (1848) in part = **S. geniculata**

gillii Hook. = **S. myrtifolia**

glabrata Choisy
S. glabrata Choisy in part, excluding synonym Thunb. & var. ß; Choisy (1848) in part; Rolfe (1901) in part (12)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 48–1525 m. NC, WC

glabrata Choisy in part = **S. canescens**

glabrata Choisy in part, excluding synonym Thunb. & var. ß; Choisy (1848) in part; Rolfe (1901) in part = **S. glabrata**

glabrata Choisy unnamed var. Choisy (1848) in part = **S. confusa**

glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. canescens**

glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. parvibractea**

glandulosa Choisy
S. dregei Rolfe in part (12)
Perennial. Dwarf shrub. Ht ± 0.3–0.5 m. Alt 0–200 m. WC

gloiodes Hilliard
Perennial. Dwarf shrub, herb. Ht ± 0.15–0.45 m. Alt 850–1200 m. WC

glomerata of author, not of Thunb.: Rolfe (1901) in part, misapplied name = **S. mediocris**

glomerata Thunb.
S. glomerata Thunb.: Rolfe (1901) in part (12)
Perennial. Dwarf shrub, shrub. Ht ± 0.3–1.2 m. Alt 0–800 m. WC, EC

glomerata Thunb.: Rolfe (1901) in part = **S. glomerata**

glutinosa E.Mey. in part = **S. dregeana**

glutinosa E.Mey. subsp. **cylindriphylla** Hilliard
S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub, shrub. Ht ± 0.4–1 m. Alt 300–1400 m. NC, WC

glutinosa E.Mey. subsp. **glutinosa** in part
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 825–1675 m. NC, WC

glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. dregeana**

glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. glutinosa** var. **cylindriphylla**

glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. scabribractea**

glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. trichophylla**

gracilis (Rolfe) Hilliard
Walafrida gracilis Rolfe (12)
Walafrida pubescens Rolfe (12)
Walafrida squarrosa Rolfe (47)

Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 0–1400 m. WC, EC

grandiceps Hilliard
Perennial. Dwarf shrub, herb. Ht 0.3–0.35 m. Alt 100–370 m. WC

griquana Hilliard
Perennial. Herb. Ht? Alt 1432–1500 m. KZN

guttata E.Mey. = **Pseudoselago guttata**

hamulosa E.Mey. = **Cromidon hamulosum**

herbacea Choisy: excluding synonym *S. lobeliacea* Hochst. = **Phyllopodium cuneifolium**

hermannioides E.Mey.
Perennial. Dwarf shrub. Length 0.15–0.35 m. Alt 600–1500 m. NC

hermannioides of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. albida**

heterophylla of authors, not of Thunb.: E.Mey. (1838); Choisy (1848), misapplied name = **Pseudoselago similis**

heterophylla Rolfe, not of Thunb., illegitimate name, in part = **Pseudoselago ascendens**

heterophylla Rolfe, not of Thunb., illegitimate name, in part = **Pseudoselago similis**

heterophylla Thunb. = **Pseudoselago spuria**

heterotricha Hilliard
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? WC

hirta L.f. = **Chenopodiopsis hirta**

hirta of author, not of L.f.: Choisy (1823), misapplied name = **Pseudoselago quadrangularis**

hispida L.f.
Perennial. Dwarf shrub. Ht ± 0.25–0.35 m. Alt? WC

hispida L.f. var. *major* Choisy = **Globulariopsis stricta**

hispida L.f. var. *nana* Choisy = **Globulariopsis stricta**

hispida Sieb. ex Choisy, not of L.f. = **Dischisma capitatum**

hoepfneri Rolfe in part = **S. welwitschii** var. **welwitschii**

holubii Rolfe in part = **S. welwitschii** var. **holubii**

humilis Rolfe = **Pseudoselago humilis**

hyssopifolia E.Mey. in part = **S. tarachodes**

hyssopifolia E.Mey. subsp. **hyssopifolia**
Perennial. Herb. Ht ± 0.6–1.5 m. Alt 0–700 m. KZN, EC

hyssopifolia E.Mey. subsp. **retrotricha** Hilliard
Perennial. Herb. Ht 0.15–1.2 m. Alt 300–1830 m. KZN, EC

hyssopifolia of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. acutibractea**

immersa Rolfe
Perennial. Woody herb. Ht ± 0.3–0.6 m. Alt 1500–2440 m. KZN, EC

impedita Hilliard
Perennial, but sometimes appearing annual. Herb, dwarf shrub. Length ± 0.11–0.45 m. Alt 0–1300 m. WC

inaequifolia Hilliard
Perennial. Dwarf shrub. Ht 0.4–? m. Alt ± 20 m. WC

incisa Hochst. = **Pseudoselago ascendens**

inconstans Hilliard
Perennial. Herb, dwarf shrub. Length ± 0.15–0.35 m. Alt ± 1500 m. EC

innata Markötter
Perennial. Herb. Ht ± 0.3–0.6 m. Alt ± 1800–2600 m. FS, KZN, L

intermedia Hilliard
Perennial. Dwarf shrub. Ht 0.3–? m. Alt ± 600 m. EC

junodii of author, not of Rolfe: Compton (1976) in part, misapplied name = **S. compacta**

junodii of author, not of Rolfe: Compton (1976) in part, misapplied name = **S. stewartiae**

junodii Rolfe = **S. rehmannii**

karooica Hilliard
Perennial. Dwarf shrub. Ht ± 0.12–0.8 m. Alt ± 900–1500 m. WC, EC

kurtdinteri Hilliard
Walafrida angolensis of author, not of (Rolfe) Rolfe: Philcox (1990) in part, misapplied name (12)
Walafrida paniculata of author, not of (Thunb.) Rolfe: Merxmüller & Roessler (1967), misapplied name (11)
Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt? N, B

lacunosa Klotzsch
Walafrida lacunosa (Klotzsch) Rolfe (12)
Perennial, but sometimes appearing annual. Herb. Ht ± 0.15–0.6 m. Alt 490–1580 m. B, LIM, NW, M, G

lamprocarpa Schltr. ex Rolfe
Perennial. Dwarf shrub. Ht up to 1 m. Alt 900–1800 m. WC

lamprocarpa Schltr. ex Rolfe var. *major* Schltr. ex Rolfe = **S. oresigena**

lanceolata Choisy in part = **Pseudoselago burmannii**

lanceolata Choisy in part = **Pseudoselago rapunculoides**

laxiflora Choisy = **Globulariopsis tephrodes**

lepida Hilliard
S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (47)
Perennial. Dwarf shrub. Ht ± 0.1–0.6 m. Alt 1000–2000 m. N

lepidioides Rolfe = **S. peduncularis**

leptostachya E.Mey. = **S. geniculata**

leptostachya E.Mey. var. *eckloniana* Choisy = **S. ferruginea**

leptothrix Hilliard
Perennial. Herb. Length ± 0.3 m. Alt 2100–2500 m. EC

levynsiae Hilliard
S. scabrida of author, not of Thunb.: Levyns (1950), misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.4 m. Alt 245–610 m. WC

linearifolia Rolfe
Perennial. Dwarf shrub. Ht? Alt 90–185 m. WC

linearis Rolfe
?*S. diffusa* Hochst., not of Thunb. (1, 12)
Walafrida diffusa Rolfe (12)
Perennial. Herb, eventually dwarf shrub. Ht ± 0.2–0.5 m. Alt 0–900 m. WC, EC

lithospermoides Rolfe = **S. flanaganii**

?lobeliacea Hochst. (type lost in Berlin) = **Pseudoselago peninsulae**

longicalyx Hilliard
Perennial. Herb. Length ± 0.3–0.9 m. Alt 1300–2200 m. M, FS, KZN

longiflora Rolfe
Annual? Herb. Ht? Alt 900–1500 m. KZN

longipedicellata Rolfe
Perennial. Herb. Ht ± 0.3–0.6 m. Alt 900–1600 m. KZN

longituba Rolfe = **Tetraselago longituba**

lucida Vent. = **Microdon parviflorus**

luxurians Choisy (Choisy in part)
S. dregei Rolfe in part (12)
Perennial, but sometimes appearing annual. Herb, dwarf shrub, shrub. Ht ± 0.3–1 m. Alt 0–1500 m. WC, EC

luxurians Choisy in part = **S. brevifolia**

lychnidea L. = **Lyperia lychnidea**

lydenburgensis Rolfe
Perennial. Herb. Length 0.15–0.6 m. Alt 1800–2400 m. LIM, M

magnakarooica Hilliard
Perennial. Dwarf shrub. Ht ± 0.05–0.3 m. Alt 1080–1675 m. NC, WC, EC

marlothii Hilliard
Perennial. Dwarf shrub. Ht? Alt? EC

mediocris Hilliard
S. glomerata of author, not of Thunb.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub, shrub. Ht up to 1 m. Alt 750–900 m. EC

melliodora Hilliard
Perennial. Herb. Ht ± 0.2–1 m. Alt ± 2400–2800 m. KZN, L, EC

meyeri Choisy = **S. canescens**

micradenia Hilliard
Perennial. Dwarf shrub. Length ± 0.15–0.4 m. Alt 400–800 m. WC

micrantha Choisy in part = **S. paniculata**

minutissima Choisy = **S. divaricata**

mixta Hilliard
Walafrida paniculata (Thunb.) Rolfe in part (12)
Perennial. Herb. Ht ± 0.1–0.4 m. Alt 1280–1525 m. NW, FS, NC

monticola J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.3–1 m. Alt 1400–2440 m. KZN, EC?

montis-shebae Brenan = **Tetraselago longituba**

morrisii Rolfe
Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt 250–600 m. NC

mucronata Hilliard
Perennial. Dwarf shrub. Ht ± 0.2–0.75 m. Alt 600–1000 m. WC

muddii Rolfe = **S. atherstonei**

multiflora Hilliard
Perennial. Dwarf shrub, herb. Ht ± 0.2–0.5 m. Alt 500–1000 m. NC, WC

multispicata Hilliard
Walafrida nachtigalii (Rolfe) Rolfe in part (12)
Walafrida paniculata (Thunb.) Rolfe in part (12)
Walafrida polystachya Rolfe in part, not *S. polystachya* L. (12)
Perennial. Herb. Length 0.06–0.3 m. Alt ± 460–2100 m. EC

mundii Rolfe in part
S. pinea of author, not of Link: Rolfe (1901) as '*spinea*', in part (12)
S. polystachya of author, not of L.: Rolfe (1901) in part, misapplied name (12)
Perennial. Shrub. Ht up to 1.2 m. Alt ± 300–400 m. WC

mundii Rolfe in part = **S. aspera**

myriophylla Hilliard
Perennial. Shrub. Ht up to 1 m. Alt 750–1500 m. WC, EC

myrtifolia Rchb.
S. gillii Hook. (12)
S. nitida (E.Mey.) Schltr. (12)
S. ohlendorffiana Lehm. (12)
Walafrida myrtifolia (Rchb.) Rolfe (12)
Walafrida nitida E.Mey.; Rolfe (1901) in part (12)
Walafrida trimera Hochst. (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.7 m. Alt 0–± 800 m. EC

nachtigalii Rolfe
Walafrida nachtigalii (Rolfe) Rolfe in part (12)
Perennial? Herb. Length ± 0.15–0.3 m. Alt 1300–? m. N

namaquensis Schltr.
Perennial. Dwarf shrub. Length ± 0.11–0.3 m. Alt 85–825 m. NC, WC

natalensis Rolfe = **Tetraselago natalensis**

neglecta Hilliard
S. fruticulosa Rolfe in part (12)
Perennial. Dwarf shrub. Ht ± 0.3–0.5 m. Alt 30–50 m. WC

nelsonii Rolfe = **Tetraselago nelsonii**

nigrescens Rolfe
S. fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name (12)
Perennial, but sometimes appearing annual. Dwarf shrub, herb. Ht ± 0.35–0.55 m. Alt ± 100–700 m. WC

nigromontana Hilliard
Perennial. Dwarf shrub, herb. Length ± 0.3–0.5 m. Alt ± 1800–2000 m. WC

nitida (E.Mey.) Schltr. = **S. myrtifolia**

nutans Rolfe = **Glumicalyx nutans**

ohlendorffiana Lehm. = **S. myrtifolia**

oppositifolia Hilliard
Perennial. Herb, dwarf shrub. Length ± 0.06–0.09 m. Alt 1500–2100 m. WC

oresigena Compton
S. lamprocarpa Schltr. ex Rolfe var. *major* Schltr. ex Rolfe (12)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1525–2075 m. WC

ovata (L.) Aiton = **Microdon capitatus**

ovata Rolfe, not of (L.) Aiton, later homonym = **S. pinguicula**

pachypoda Rolfe
S. villicalyx Rolfe (12)
Perennial. Herb. Length ± 0.25–0.4 m. Alt 1500–2000 m. KZN, EC

pallida Salisb., illegitimate name = **Pseudoselago spuria**

paniculata Thunb.
S. choisiana E.Mey. (12)
S. micrantha Choisy in part (12)
Walafrida micrantha (Choisy) Rolfe in part (12)
Walafrida paniculata (Thunb.) Rolfe in part (12)
Perennial, but sometimes appearing annual. Herb. Length ± 0.15–0.45 m. Alt 230–1500 m. FS, NC, EC

parvibractea Hilliard
S. glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt 0–1300 m. WC

peduncularis E.Mey.
S. lepidioides Rolfe (12)
S. woodii Rolfe (12)
Perennial?, but flowering as seedling. Herb. Length 0.15–1 m. Alt 0–500 m. KZN, EC

pentheri Gand. = **Pseudoselago serrata**

perplexa Hilliard
S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 900–1700 m. WC

persimilis Hilliard
Perennial. Dwarf shrub. Ht 0.4–? m. Alt ± 1520 m. NC, EC

phyllopodioides Schltr. = **Phyllopodium phyllopodioides**

pinastra L. = **Stilbe vestita**

pinea Drège = **S. eckloniana**

pinea Link (often as '*spinea*')
S. fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name (12)
S. fruticulosa Rolfe in part (12)
Perennial. Dwarf shrub, herb. Ht 0.3–? m. Alt 200–300 m. WC

pinea of author, not of Link: Rolfe (1901) as '*spinea*', in part = **S. mundii**

pinguicula E.Mey.
S. ovata Rolfe, not of (L.) Aiton, later homonym (12)
?*S. robusta* Rolfe (12)
Perennial. Dwarf shrub. Length ± 0.15–0.35(–1?) m. Alt 640–1250 m. NC

polycephala Otto ex Walp.
Walafrida polycephala (Otto ex Walp.) Rolfe in part (12)
Walafrida witbergensis (E.Mey.) Rolfe in part (12)
Perennial. Suffrutex. Ht ± 0.15–0.4 m. Alt up to 50 m. EC

polygala S.Moore
Perennial. Dwarf shrub. Length 0.15–0.35 m. Alt 900–1200 m. NC, WC

polygaloides L.f. = **Microdon polygaloides**

polystachya L.
S. corymbosa L. var. *polystachya* (L.) E.Mey. in part (12)
Perennial. Dwarf shrub. Ht ± 0.2–0.4 m. Alt 0–300 m. WC

polystachya of author, not of L.: Rolfe (1901) in part, misapplied name = **S. mundii**

polystachya of author, not of L.: Rolfe (1901) in part, misapplied name = **S. psammophila**

praetermissa Hilliard
Perennial, but sometimes appearing annual. Herb, dwarf shrub. Length 0.05–± 0.5 m. Alt 700–800 m. NC, WC

procera Hilliard
S. elata Rolfe, not of Choisy (12)
Perennial. Herb. Ht ± 0.4–± 2 m. Alt ± 900–1800 m. LIM, M, S

prostrata Hilliard
Perennial. Dwarf shrub. Length ± 0.3–? m. Alt? WC

psammophila Hilliard
S. polystachya of author, not of L.: Rolfe (1901) in part, misapplied name (12)
Perennial. Herb, dwarf shrub. Length ± 0.3–0.45 m. Alt 15–305 m. WC

pterophylla Otto ex Sweet, naked name (insufficiently known) (12)

pubescens Rolfe = **S. burchellii**

pulchella Salisb., illegitimate name = **Pseudoselago rapunculoides**

punctata Rolfe
Perennial. Herb. Ht 0.15–0.35 m. Alt 1980–2010 m. EC

purpurea Cels, naked name (insufficiently known) (12)

pustulosa Hilliard
Perennial. Dwarf shrub. Ht ± 0.3–0.5 m. Alt ± 760–1000 m. WC

quadrangularis Choisy: Rolfe (1901) in part = **Pseudoselago quadrangularis**

quadrangularis of author, not of Choisy: Rolfe (1901) in part, misapplied name = **Pseudoselago peninsulae**

racemosa Bernh. = **S. trinervia**

ramosissima Rolfe
S. ramosissima Rolfe in part (12)
Perennial. Dwarf shrub. Ht ± 0.1–0.25 m. Alt 0–150 m. WC

ramosissima Rolfe in part = **S. ramosissima**

ramosissima Rolfe in part = **S. thomii**

ramulosa E.Mey., not of Link = **S. canescens**

?*ramulosa* Link, not of E.Mey. = **Pseudoselago verbenacea**

rapunculoides L. = **Pseudoselago rapunculoides**

rapunculoides L. var. *β densifolia* (Hochst.) Choisy = **Pseudoselago densifolia**

recurva E.Mey.
S. albanensis Schltr. (12)
Walafrida albanensis (Schltr.) Rolfe (12)
Walafrida recurva (E.Mey.) Rolfe (12)
Perennial. Suffrutex. Ht ± 0.3–0.6 m. Alt up to 300 m. EC

rehmannii Rolfe
S. junodii Rolfe (12)
Perennial. Herb. Length ± 0.15–0.4 m. Alt 1100–2200 m. LIM

retropilosa Hilliard
Perennial. Dwarf shrub. Ht ± 0.12–0.2 m. Alt ± 1830 m. EC

rigida Rolfe
Walafrida loganii Hutch. (12)
Walafrida rigida (Rolfe) Hutch. (12)
Perennial. Dwarf shrub. Ht ± 0.2–0.6 m. Alt 1200–1700 m. NC

?*robusta* Rolfe = **S. pinguicula**

rotundifolia L.f.
Walafrida rotundifolia (L.f.) Rolfe (12)
Perennial. Suffrutex, dwarf shrub. Ht 0.8–? m. Alt 90–210 m. WC, EC

rubromontana Hilliard
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 600–1500 m. WC

rudolphii (Hiern) Levyns = **Pseudoselago humilis**

rustii Rolfe = **Phyllopodium rustii**

sandersonii Rolfe = **S. galpinii**

saundersiae Rolfe = **S. capitellata**

saxatilis E.Mey.
S. appressa of author, not of Choisy: E.Mey. (1838), misapplied name (12)
Walafrida basutica E.Phillips (12)
Walafrida saxatilis (E.Mey.) Rolfe (12)
Perennial. Dwarf shrub. Length 0.1–0.5 m. Alt 1300–2300 m. FS, L, NC, EC

scabribractea Hilliard
S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht up to 1 m. Alt (250–) 800–900 m. NC, WC

scabrida of author, not of Thunb.: Levyns (1950), misapplied name = **S. levynsiae**

scabrida of author, not of Thunb.: Rolfe (1901) in part, misapplied name = **S. speciosa**

scabrida Thunb.
S. cylindrica Levyns (12)
Perennial. Herb, dwarf shrub. Ht ± 0.15–0.4 m. Alt 0–500 m. WC

schlechteri Rolfe = **S. galpinii**

serrata P.J.Bergius: Rolfe (1901) in part, and Stapf (1932), both excluding *S. lanceolata* Choisy = **Pseudoselago serrata**

seticaulis Hilliard
Perennial. Dwarf shrub. Ht ± 0.12–0.45 m. Alt 90–900 m. WC

setulosa Rolfe
Perennial. Herb, dwarf shrub. Ht 0.1–0.4 m. Alt 0–± 200 m. WC

singularis Hilliard
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 580–1000 m. WC

speciosa Rolfe
S. scabrida of author, not of Thunb.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.3–0.45 m. Alt 1200–2000 m. FS, L, NC, EC

spectabilis Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.5 m. Alt 900–1500 m. NC

spicata Link. = **Microdon polygaloides**

spinea Link (typographical error), see **S. pinea** (12)

spuria L. = **Pseudoselago spuria**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago densifolia**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago gracilis**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago rapunculoides**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago subglabra**

squarrosa Choisy = **Hebenstretia ramosissima**

stenostachya Hilliard
Perennial. Dwarf shrub. Length 0.3?–? m. Alt up to 300 m. WC

stewartii S.Moore
S. junodii of author, not of Rolfe: Compton (1976) in part, misapplied name (12)
Perennial. Herb. Ht 0.35–0.8 m. Alt ± 900–1600 m. M, S

stricta P.J.Bergius = **Globulariopsis stricta**

subspinosa Hilliard
Perennial. Dwarf shrub. Ht ± 0.12–0.35 m. Alt 900–1300 m. NC, WC

swaziensis Rolfe
Perennial. Suffrutex. Length ± 0.2–0.45 m. Alt 1150–1465 m. S

tarachodes Hilliard
S. hyssopifolia E.Mey. in part (12)
Perennial. Herb. Length 0.2–1.2 m. Alt ± 0–± 600 m. KZN, EC

tenuifolia (Rolfe) Hilliard
S. densiflora Rolfe in part (12)
Walafrida densiflora (Rolfe) Rolfe in part (12)
Walafrida tenuifolia Rolfe (12)
Perennial. Herb. Ht ± 0.15–0.5 m. Alt 1200–1650 m. LIM, NW, G, M

tenuis E.Mey.
Perennial. Dwarf shrub. Ht? Alt 610–915 m. NC

tephrodes E.Mey. in part = **Globulariopsis adpressa**

tephrodes E.Mey. in part = **Globulariopsis stricta**

tephrodes E.Mey. in part = **Globulariopsis tephrodes**

?*teretifolia* Link (type lost in Berlin) = **Pseudoselago rapunculoides**

teretifolia Walp., not of Link = **S. walpersii**

teucriifolia Burm.f., insufficiently known (12)

thermalis Hilliard
Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt 500–900 m. NC, EC

thomii Rolfe
S. ramosissima Rolfe in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.06–0.3 m. Alt 0–1000 m. WC

thunbergii Choisy = **S. canescens**

tomentosa L. = **Manulea tomentosa**

transvaalensis Rolfe = **Tetraselago nelsonii**

trauseldii Killick
Perennial. Herb. Length 0.3–0.75 m. Alt ± 1500–2400 m. KZN

trichophylla Hilliard
S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht ± 0.35–0.6 m. Alt 425–900 m. WC

trinervia E.Mey.
S. racemosa Bernh. (3)
S. tysonii Rolfe (3)
Perennial. Herb. Length 0.15–0.75 m. Alt 0–2200 m. KZN, EC

triquetra L.f
?*S. ericina* E.Mey. (12)
Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt 250–750 m. WC

triquetra of author, not of L.f.: Rolfe (1901) in part, misapplied name = **S. cupressoides**

tysonii Rolfe = **S. trinervia**

valliscitri Hilliard
Perennial. Dwarf shrub. Ht 0.2–? m. Alt? WC

variicalyx Hilliard
Perennial. Herb. Ht ± 0.3–1 m. Alt 610–760 m. EC

venosa Hilliard
Perennial. Dwarf shrub. Ht ± 0.3–1.5 m. Alt 450–1800 m. WC

verbenacea L.f.; Rolfe (1901) in part = **Pseudoselago verbenacea**

verbenacea L.f. var. *β villosa* Choisy = **Pseudoselago verbenacea**

verbenacea of author, not of L.f.: Rolfe (1901) in part, misapplied name = **Pseudoselago candida**

verna Hilliard
S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub. Ht 0.2–0.75 m. Alt 900–1100 m. NC

villicalyx Rolfe = **S. pachypoda**

villicaulis Rolfe
Perennial. Herb. Ht ± 0.2–0.6 m. Alt up to 185 m. WC

villosa Rolfe
Perennial. Herb. Length 0.15–0.45 m. Alt 1200–1650 m. M, S

walpersii Choisy (insufficiently known) (12)
S. teretifolia Walp., not of Link (1, 15)

welwitschii Rolfe var. **australis** Hilliard
S. welwitschii Rolfe var. *welwitschii* of author, not of Rolfe: Philcox (1990) in part, misapplied name (12)
Perennial, but sometimes appearing annual. Suffrutex. Length ± 0.2–0.9 m. Alt 370–1430 m. N, LIM, FS, NC

welwitschii Rolfe var. **holubii** (Rolfe) Brenan
S. holubii Rolfe in part (12)
Perennial. Herb, dwarf shrub. Length ± 0.12–0.75 m. Alt 1005–1100 m. N, B, NW

welwitschii Rolfe var. **welwitschii**
S. hoepfneri Rolfe in part (12)
S. welwitschii Rolfe var. *welwitschii*: Philcox (1990) in part (12)
Perennial. Herb, dwarf shrub. Length ± 0.12–0.75 m. Alt ± 885 m. N

welwitschii Rolfe var. *welwitschii*: Philcox (1990) in part = **S. welwitschii** var. **welwitschii**

welwitschii Rolfe var. *welwitschii* of author, not of Rolfe: Philcox (1990) in part, misapplied name = **S. welwitschii** var. **australis**

wilmsii Rolfe = **Tetraselago wilmsii**

witbergensis E.Mey.
Walafrida witbergensis (E.Mey.) Rolfe in part (12)
Perennial. Dwarf shrub. Length 0.1–0.35 m. Alt 1800–3300 m. KZN, L, EC

wittebergensis Compton, not *Globulariopsis wittebergensis* Compton = **Globulariopsis montana**

woodii Rolfe = **S. peduncularis**

zeyheri Choisy
Walafrida zeyheri (Choisy) Rolfe in part (12)
Walafrida zuurbergensis Rolfe (12)
Perennial. Suffrutex. Length ± 0.15–0.5 m. Alt 0–600 m. EC

zeyheri Rolfe, not of Choisy (1848) = **S. acocksii**

zuluensis Hilliard
Perennial. Herb. Length ± 0.3–1 m. Alt 300–600 m. KZN

SPHENANDRA Benth. 7520000

cinerea Engl. = **Sutera halimifolia**
coerulea (L.f.) Kuntze = **Sutera caerulea**
viscosa (Aiton) Benth. = **Sutera caerulea**

STEMODIACRA Kuntze. 7534000

ceratophylloides Hiern = **Limnophila ceratophylloides**

STEMODIOPSIS Engl. 7535000

(1) Skan. 1906. In Hemsley & Skan, *FTA* 4,2: 314–316.
(2) Philcox. 1990. *FZ* 8,2: 40–43.
(3) Fischer. 1997. *Botanische Jahrbücher* 119,3: 305–326.

humilis Skan = **S. rivae**

rivae Engl.
S. humilis Skan (4)
Perennial. Herb, suffrutex. Ht ± 0.05–0.08 m. Alt 400–1675 m. LIM, S

STROBILOPSIS Hilliard & B.L.Burtt 7593020

(1) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35: 160–162, 172–175.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 532–534.

wrightii Hilliard & B.L.Burtt
Annual or perennial. Herb. Ht up to 0.45 m. Alt 2200–2500 m. KZN, L

SUTERA Roth (1807 not 1821) 7519000

(1) Hiern. 1904. *FC* 4,2: 243–310. (Often cited as 'p.p.' (in part) by Hilliard (1994), not all listed here.)
(2) Skan. 1906. In Hemsley & Skan, *FTA* 4,2: 299–310.
(3) Merxmüller & Roessler. 1967. *FSWA* 126: 43–56.
(4) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 291–293.
(5) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 216, 217.
(6) Philcox. 1990. *FZ* 8,2: 26–33
(7) Hilliard. 1991. *Edinburgh Journal of Botany* 48,3: 342–346.
(8) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 228–291.
(9) Retief & Herman. 1997. *Strelitzia* 6: 615, 616.
(10) Goldblatt & Manning. 2000. *Strelitzia* 9: 669–671.

accrescens Hiern = **Jamesbrittenia accrescens**

acutiloba (Pilg.) Overkott ex Roessler = **Jamesbrittenia acutiloba**

adpressa Dinter = **Jamesbrittenia adpressa**

aethiopica (L.) Kuntze
Buchnera aethiopica L. (1)
Chaenostoma aethiopicum (L.) Benth. in part (8)
Chaenostoma fastigiatum Benth., excluding synonym *Manulea cephalotes* Thunb. (8)
Chaenostoma fastigiatum Benth. var. *glabratum* Benth., name only in part (8)
Manulea aethiopica (L.) Thunb. (8)
Polycarena aethiopica (L.) Druce (8)
S. aethiopica (L.) Kuntze: Hiern (1904) in part (8)
S. cephalotes Hiern, illegitimate name, not of (Thunb.) Kuntze (8)
S. cephalotes Hiern var. *glabrata* Hiern (8)
S. fastigiata (Benth.) Druce (8)
Perennial. Dwarf shrub. Length 0.15–0.3 m. Alt 50–1220 m. WC

aethiopica (L.) Kuntze: Hiern (1904) in part = **S. aethiopica**

aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**

aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name = **S. subspicata**

affinis (Bernh.) Kuntze
Chaenostoma affine Bernh. (1)
Chaenostoma denudatum Benth. in part (8)
S. affinis (Bernh.) Kuntze: Hiern (1904) in part (8)
Perennial. Herb. Length 0.15–0.3 m. Alt 550–1220 m. WC

affinis (Bernh.) Kuntze: Hiern (1904) in part = **S. affinis**

affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name = **S. calciphila**

affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**

albiflora I.Verd. = **Jamesbrittenia albiflora**

altoplana Hiern = **Jamesbrittenia tysonii**

amplexicaulis (Benth.) Hiern = **Jamesbrittenia amplexicaulis**

amplexicaulis of author, not of (Benth.) Hiern: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia maxii**

amplexicaulis of author, not of (Benth.) Hiern: Merxmüller & Roessler (1967), misapplied name = **Jamesbrittenia bicolor**

annua (Schltr. ex Hiern) Hiern in part = **Manulea paucibarbata**

annua (Schltr. ex Hiern) Hiern in part and excluding var. *laxa* (Schltr. ex Hiern) Hiern = **Manulea annua**

annua Hiern var. *laxa* Schltr. ex Hiern = **Manulea paucibarbata**

antirrhinoides (L.f.) Hiern in part = **Lyperia antirrhinoides**

antirrhinoides of author, not of (L.f.) Hiern.: Levyns (1950), misapplied name = **Lyperia violacea**

archeri Compton
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 750–1500 m. WC

arcuata Hiern = **S. floribunda**

argentea (L.f.) Hiern in part. = **Jamesbrittenia argentea**

argentea (L.f.) Hiern in part. = **Jamesbrittenia foliolosa**

argentea (L.f.) Hiern in part. = **Jamesbrittenia integerrima**

asbestina Hiern = **Jamesbrittenia integerrima**

aspalathoides (Benth.) Hiern in part = **Jamesbrittenia aspalathoides**

atrocaerulea Fourc. = **Jamesbrittenia tenuifolia**

atrocaerulea Fourc. var. *latifolia* Fourc. = **Jamesbrittenia tenuifolia**

atropurpurea (Benth.) Hiern = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

atropurpurea (Benth.) Hiern: Philcox (1990) in part and excluding *Lyperia aspalathoides* (Benth.) Hiern = **Jamesbrittenia atropurpurea** subsp. **pubescens**

atropurpurea of authors, not of (Benth.) Hiern: Hemsley & Skan (1906), and others, misapplied name = **Jamesbrittenia huillana**

aurantiaca (Burch.) Hiern; Hiern (1904) in part = **Jamesbrittenia aurantiaca**

ausana Dinter ex Range, name only = **Jamesbrittenia integerrima**

batlapina Hiern = **Jamesbrittenia integerrima**

beverlyana Hilliard & B.L.Burtt = **Jamesbrittenia beverlyana**

bicolor Dinter = **Jamesbrittenia bicolor**

blantyrensis Skan = **Jamesbrittenia micrantha**

bolusii Hiern = **Jamesbrittenia micrantha**

brachiata Roth: Hiern (1904) in part = **S. hispida**

bracteolata Hiern = **S. cooperi**

breviflora (Schltr.) Hiern = **Jamesbrittenia breviflora**

brunnea Hiern = **Jamesbrittenia huillana**

brunnea Hiern var. *macrophylla* Hiern in part = **Jamesbrittenia accrescens**

brunnea Hiern var. *macrophylla* Hiern in part = **Jamesbrittenia huillana**

burchellii Hiern = **S. griquensis**

burkeana (Benth.) Hiern in part = **Jamesbrittenia burkeana**

burkeana of author, not of (Benth.) Hiern: Fabian & Germishuizen (1982), misapplied name = **Jamesbrittenia silenoides**

caerulea (L.f.) Hiern (Hiern in part)
Buchnera viscosa Aiton (8)
Erinus viscosus (Aiton) Salisb. (8)
Manulea caerulea L.f. (1)
Manulea rotata Desr. (8)
Manulea viscosa (Aiton) Willd. (8)
Sphenandra coerulea (L.f.) Kuntze (8)
Sphenandra viscosa (Aiton) Benth. (8)
Annual, perennial? Herb. Ht up to 1 m. Alt 60–1400 m. WC, EC

caerulea of author, not of (L.f.) Hiern: Merxmüller & Roessler (1967), misapplied name = **S. patriotica**

calciphila Hilliard
S. affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name (8)
Perennial. Herb. Ht ± 0.13–0.31 m. Alt up to 80 m. WC

calycina (Benth.) Kuntze

Chaenostoma calycinum Benth. (1)
Chaenostoma calycinum Benth. var. *β laxiflorum* Benth. as '*laxiflora*', name only, in part (8)
S. calycina (Benth.) Kuntze var. *β laxiflora* (Benth.) Hiern (8)
S. polysepala Hiern (8)
Perennial. Herb. Length 0.1–0.45 m. Alt 0–2000 m. EC

calycina (Benth.) Kuntze var. *β? laxiflora* (Benth.) Hiern = S. **calycina**

campanulata (Benth.) Kuntze
Chaenostoma campanulatum Benth. (1)
Chaenostoma polyanthum of authors, not of Benth.: Loudon (1843) and others, misapplied name (8)
Manulea campanulata (Benth.) Kuntze (8)
S. intertexta Hiern (8)
S. roseoflava Hiern in part (8)
Perennial, but sometimes appearing annual. Herb. Ht ± 0.05–0.45(–0.6) m. Alt up to 700 m. WC, EC

campanulata of author, not of (Benth.) Kuntze: Batten & Bokelmann (1966), misapplied name = S. **polyantha**

canescens (Benth.) Hiern, in sense of Hemsley & Skan (1906) in part = **Jamesbrittenia canescens** var. **seineri**

canescens (Benth.) Hiern; Merxmüller & Roessler (1967) in part, excluding *Lyperia seineri* Pilg., *L. confusa* Dinter, *L. pilgeriana* Dinter and *S. canescens* (Benth.) Hiern var. *laevior* Dinter = **Jamesbrittenia canescens** var. **canescens**

canescens (Benth.) Hiern var. *laevior* Dinter = **Jamesbrittenia canescens** var. **laevior**

cephalotes Hiern, illegitimate name, not of (Thunb.) Kuntze = **S. aethiopica**

cephalotes Hiern var. *glabrata* Hiern = S. **aethiopica**

cephalotes (Thunb.) Kuntze, excluding synonym *Chaenostoma fastigiatum* Benth. = **Manulea cephalotes**

cinerea Hilliard
Perennial. Dwarf shrub. Length 0.15–0.4 m. Alt ± 515–550 m. EC

compta Hiern = S. **floribunda**

comptonii Hilliard
Perennial. Dwarf shrub, suffrutex. Ht 0.15–0.25(–0.31) m. Alt 215–690 m. WC

concinna Hiern = **Jamesbrittenia concinna**

cooperi Hiern
Chaenostoma cooperi (Hiern) Thell. (8)
Chaenostoma cordatum (Thunb.) Benth. var. *β? hirsutior* Benth., name only (8)
S. bracteolata Hiern (8)
S. cordata (Thunb.) Kuntze var. *β hirsutior* Hiern (8)
S. cymulosa Hiern (8)
S. latifolia Hiern (8)
Perennial. Herb. Ht up to 1 m? Alt 1500–1800 m. FS, L, EC

cordata (Thunb.) Kuntze
Chaenostoma cordatum (Thunb.) Benth., excluding var. *β? hirsutior* Benth. (8)
Chaenostoma pauciflorum Benth. in part (8)
Manulea cordata Thunb. (1)
S. cordata (Thunb.) Kuntze: Hiern (1904) in part and excluding var. *β hirsutior* Hiern (8)
Perennial. Herb. Length? Alt 10–1000 m. WC, EC

cordata (Thunb.) Kuntze: Hiern (1904) in part and excluding var. *β hirsutior* Hiern = S. **cordata**

cordata (Thunb.) Kuntze var. *β hirsutior* Hiern = S. **cooperi**

corymbosa (Marloth & Engl.) Hiern = **Camptoloma rotundifolium**

corymbosa (Marloth & Engl.) Hiern var. *huillana* (Diels) Hiern = **Camptoloma rotundifolium**

crassicaulis (Benth.) Hiern in part and excluding var. *purpurea* Hiern and synonym *Lyperia stricta* Benth. = **Jamesbrittenia crassicaulis**

crassicaulis (Benth.) Hiern var. *purpurea* Hiern = **Jamesbrittenia pristisepala**

cuneata (Benth.) Kuntze = S. **hispida**

cymulosa Hiern = S. **cooperi**

debilis Hutch.
S. hereroensis of author, not of (Engl.) Skan: Philcox (1990) in part, misapplied name (8)
Annual or perennial. Herb. Length ± 0.015–0.45 m. Alt 1450–1980 m. LIM

decipiens Hilliard
Perennial. Herb. Length ± 0.22–0.5 m. Alt 300–1200 m. WC

densifolia Hiern = **Jamesbrittenia microphylla**

dentatisepala Overkott = **Jamesbrittenia dentatisepala**

denudata (Benth.) Kuntze
Chaenostoma denudatum Benth. in part (1)
Chaenostoma glabratum Benth. in part (8)
Perennial. Herb. Ht 0.15–0.45 m. Alt 230–1000 m. WC, EC

dielsiana Hiern = **Jamesbrittenia racemosa**

dioritica Dinter = **Jamesbrittenia canescens** var. **canescens**

?*divaricata* (Diels) Hiern = **Manulea annua**

dubia Skan = **Manulea dubia**

elegantissima (Schinz) Skan = **Jamesbrittenia elegantissima**

elliotensis Hiern = **Manulea paniculata**

esculenta Bond = **Jamesbrittenia incisa**

fastigiata (Benth.) Druce = S. **aethiopica**

filicaulis (Benth.) Hiern = **Jamesbrittenia filicaulis**

fissifolia S.Moore = **Jamesbrittenia micrantha**

flexuosa Hiern = **Jamesbrittenia tenella**

floribunda (Benth.) Kuntze
Chaenostoma floribundum Benth. (1)
Chaenostoma natalense Bernh. (8)
Manulea floribunda (Benth.) Kuntze (41)
Manulea thyrsiflora L.f. var. *versicolor* Kuntze (8)
S. arcuata Hiern (8)
S. compta Hiern (8)
S. macleana Hiern (8)
S. natalensis (Bernh.) Kuntze (8)
S. noodsbergensis Hiern (8)
S. pulchra Norl. (8)
Perennial. Herb. Ht up to 1 m. Alt 0–2600 m. LIM, M, FS, KZN, EC

foetida Roth
Buchnera foetida Andrews (8, not basionym)
Chaenostoma foetidum (Andrews) Benth. (8)
Manulea aequipetala Sternb. (8)
Manulea alternifolia Pers. (8)
Manulea foetida (Andrews) Pers. (8)
Palmstruckia foetida (Andrews) Retz. (8)

Annual. Herb. Ht 0.15–0.6 m. Alt ± 300–900 m. NC, WC

foliolosa (Benth.) Hiern in part = **Jamesbrittenia foliolosa**

fragilis Pilg. = **Jamesbrittenia fragilis**

fraterna Hiern = **Jamesbrittenia thunbergii**

fruticosa (Benth.) Hiern = **Jamesbrittenia fruticosa**

gariusana Dinter = **Jamesbrittenia sessilifolia**

glabrata (Benth.) Kuntze
Chaenostoma glabratum Benth. in part (8)
S. glabrata (Benth.) Kuntze: Hiern (1904) in part (8)
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt ± 500–900 m. WC

glabrata (Benth.) Kuntze: Hiern (1904) in part = **S. glabrata**

glandulifera Hilliard
Perennial. Herb. Ht? Alt 900–2000 m. EC

gossweileri Skan = **Jamesbrittenia heucherifolia**

?*gracilis* (Diels) Hiern = **Jamesbrittenia thunbergii**

grandiflora (Galpin) Hiern = **Jamesbrittenia grandiflora**

grandiflora of author, not of (Galpin) Hiern: Hemsley & Skan (1906), misapplied name = **Jamesbrittenia accrescens**

griquensis Hiern
S. burchellii Hiern (8)
Annual, perennial? Herb. Ht 0.2–0.3 m. Alt ± 1300–? m. NW, FS, NC

halimifolia (Benth.) Kuntze
Chaenostoma halimifolium Benth. (1)
Chaenostoma laxiflorum Benth. (8)
Chaenostoma pumilum Benth. (8)
Manulea halimifolia (Benth.) Kuntze (8)
Manulea oppositiflora Vent. var. *angustifolia* Kuntze (8)
Sphenandra cinerea Engl. (8)
S. laxiflora (Benth.) Kuntze (8)
S. pumila (Benth.) Kuntze (8)
Perennial, but sometimes appearing annual. Dwarf shrub, herb. Length 0.05–0.35 m. Alt (0–)1000–1900 m. N, NW?, FS, NC, EC

henrici Hiern = **Jamesbrittenia filicaulis**

hereroensis (Engl.) Skan; Merxmüller & Roessler (1967) in part = **Jamesbrittenia hereroensis**

hereroensis of author, not of (Engl.) Skan.: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia tenella**

hereroensis of author, not of (Engl.) Skan.: Philcox (1990) in part, misapplied name = **S. debilis**

heucherifolia (Diels) Hiern = **Jamesbrittenia heucherifolia**

hispida (Thunb.) Druce
Buchnera oppositifolia Hort. ex Steud. (8)
Chaenostoma cuneatum Benth. (8)
Chaenostoma hispidum (Thunb.) Benth., excluding. var. *β? brevifolium* Benth. (8)
?*Chaenostoma integrifolium* (L.f.) Benth. var. *parvifolium* Benth., name only (8)
Manulea hispida Thunb. (8)
Manulea oppositiflora Vent. (8)
S. aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. brachiata Roth; Hiern (1904) in part (8)
S. cuneata (Benth.) Kuntze (8)
?*S. integrifolia* (L.f.) Kuntze var. *parvifolia* Hiern (8)
S. oppositiflora (Vent.) Kuntze as '*oppositifolia*' (8)
S. subspicata of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 0–650 m. WC

hispida (Thunb.) Druce × **S. caerulea** (L.f.) Hiern
?*Chaenostoma hispidum* (Thunb.) Benth. var. *β? breviflorum* Benth. (8)
Perennial. Dwarf shrub? Ht? Alt? Cultivated

huillana (Diels) Hiern = **Jamesbrittenia huillana**

humifusa Hiern = **S. platysepala**

impedita Hilliard
Perennial. Herb. Length ± 0.2–0.35 m. Alt 300–600 m. EC

incisa (Thunb.) Hiern = **Jamesbrittenia incisa**

infundibiliformis Schinz = **S. polyantha**

integerrima (Benth.) Hiern in part = **Jamesbrittenia integerrima**

integrifolia (L.f.) Kuntze
Chaenostoma integrifolium (L.f.) Benth., excluding var. *parvifolium* Benth. (8)
Manulea integrifolia L.f. (1)
S. integrifolia (L.f.) Kuntze: Hiern (1904) excluding var. *parvifolia* Hiern (8)
Perennial. Dwarf shrub. Length 0.15–0.6 m. Alt 10–335 m. WC, EC

integrifolia (L.f.) Kuntze: Hiern (1904) excluding var. *parvifolia* Hiern = **S. integrifolia**

?*integrifolia* (L.f.) Kuntze var. *parvifolia* Hiern = **S. hispida**

intertexta Hiern = **S. campanulata**

jurassica Hilliard & B.L.Burtt = **Jamesbrittenia jurassica**

kraussiana (Bernh.) Hiern in part and excluding *Manulea pinnatifida* L.f. and *S. kraussiana* var. *latifolia* (Benth.) Hiern = **Jamesbrittenia kraussiana**

kraussiana (Bernh.) Hiern var. *latifolia* (Benth.) Hiern = **Jamesbrittenia argentea**

langebergensis Hilliard
Perennial. Herb. Length ± 0.3 m. Alt 200–305 m. WC

latifolia Hiern = **S. cooperi**

laxiflora (Benth.) Kuntze = **S. halimifolia**

levis Hiern
S. palustris Hiern (8)
Perennial, but sometimes appearing annual. Herb. Ht up to 0.6 m. Alt 1375–1850 m. B, LIM, NW, G, M

lilacina Dinter = **Jamesbrittenia fruticosa**

linifolia of author, not of (Thunb.) Kuntze: Hiern (1904) in part, misapplied name = **S. polyantha**

linifolia (Thunb.) Kuntze; Hiern (1904) in part and excluding var. *heterophylla* (Kuntze) Hiern = **S. uncinata**

linifolia (Thunb.) Kuntze var. *heterophylla* (Kuntze) Hiern = **Jamesbrittenia albiflora**

litoralis (Schinz) Hiern = **Jamesbrittenia fruticosa**

longipedicellata Hilliard
Perennial. Dwarf shrub, shrub. Ht 0.3–0.8 m. Alt? NC

longituba (Dinter) Range = **Jamesbrittenia huillana**

luteiflora Hiern in part = **Jamesbrittenia micrantha**

luteiflora Hiern in part = **Jamesbrittenia montana**

lychnidea (L.) Hiern = **Lyperia lychnidea**

lyperioides (Engl.) Engl. ex Range = **Jamesbrittenia lyperioides**

macleana Hiern = **S. floribunda**

macrantha Codd = **Jamesbrittenia macrantha**

macrosiphon (Schltr.) Hiern
Chaenostoma macrosiphon Schltr. (1)
Perennial. Herb. Length 0.15–0.45 m. Alt 1200–2200 m. FS, NC, WC, EC

major (Pilg.) Range = **Jamesbrittenia major**

marifolia (Benth.) Kuntze
Chaenostoma marifolium Benth., excluding synonym *Manulea virgata* Thunb. (1)
Perennial. Herb. Length ± 0.15–0.4 m. Alt 30–915 m. WC, EC

maritima Hiern = **Jamesbrittenia maritima**

maxii Hiern; Merxmüller & Roessler (1967) in part = **Jamesbrittenia maxii**

merxmuelleri Roessler = **Jamesbrittenia merxmuelleri**

micrantha Hiern, in sense of Philcox (1990) in part, misapplied name = **Jamesbrittenia canescens** var. **seineri**

micrantha Hiern; Philcox (1990) in part = **Jamesbrittenia micrantha**

microphylla (L.f.) Hiern in part = **Jamesbrittenia microphylla**

microphylla of authors, not of (L.f.) Hiern: Hiern (1904) in part and others, misapplied name = **Jamesbrittenia merxmuelleri**

mollis (Benth.) Hiern in part = **Jamesbrittenia pinnatifida**

montana (Diels) S.Moore; Hilliard & Burtt (1982) excluding synonym *S. bolusii* Hiern = **Jamesbrittenia montana**

multiramosa Hilliard
Perennial. Dwarf shrub. Ht 0.13–0.3 m. Alt ± 15 m. WC

natalensis (Bernh.) Kuntze = **S. floribunda**

neglecta (J.M.Wood & M.S.Evans) Hiern
Chaenostoma neglectum J.M.Wood & M.S.Evans (1)
S. polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)
Perennial. Herb. Length ± 0.15–0.6 m. Alt 1675–3300 m. M, S, FS, KZN, L

noodsbergensis Hiern = **S. floribunda**

ochracea Hiern = **Lyperia antirrhinoides**

oppositiflora (Vent.) Kuntze as '*oppositifolia*' = **S. hispida**

pallescens Hiern = **S. platysepala**

pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia dolomitica**

pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia fleckii**

pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia heucherifolia**

pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia integerrima**

pallida (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, excluding *Chaenostoma fleckii* Thell. = **Jamesbrittenia pallida**

palustris Hiern = **S. levis**

paniculata Hilliard
Chaenostoma revolutum (Thunb.) Benth. var. *β pubescens* Benth., name only, in part (8)
S. revoluta (Thunb.) Kuntze var. *β pubescens* Hiern name only, in part (8)
Perennial. Suffrutex. Ht up to 0.75 m. Alt 250–1600 m. NC, WC

patriotica Hiern
Chaenostoma calycinum Benth. var. *β laxiflorum* Benth. as '*laxiflora*', name only, in part (8)
Diascia avasmontana Dinter (8)
S. caerulea of author, not of (L.f.) Hiern: Merxmüller & Roessler (1967), misapplied name (8)
S. polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)
Annual, occ. perennial. Herb. Ht ± 0.07–0.45 m. Alt 1200–2950 m. N, LIM, NW, M, FS, L, NC, EC

pauciflora (Benth.) Kuntze
Chaenostoma pauciflorum Benth. in part (8)
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 700–1200 m. NC, WC

pedunculata (Andrews) Hiern in part = **Jamesbrittenia argentea**

pedunculata of author, not of (Andrews) Hiern: Levyns (1950), misapplied name = **Jamesbrittenia stellata**

pedunculosa (Benth.) Kuntze = **Jamesbrittenia pedunculosa**

pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia hereroensis**

pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia tenella**

phlogiflora (Benth.) Hiern in part = **Jamesbrittenia argentea**

phlogiflora (Benth.) Hiern in part = **Jamesbrittenia phlogiflora**

pilgeriana (Dinter) Range = **Jamesbrittenia pilgeriana**

pinnatifida Hiern in part = **Jamesbrittenia filicaulis**

pinnatifida Hiern in part = **Jamesbrittenia foliolosa**

pinnatifida Kuntze is an incorrect name used by Hiern (1904), based on mistake of '*S pinnatifida*' instead of *M. pinnatifida*' by Kuntze (1898). It should be *S. pinnatifida* Hiern (8).

placida Hilliard
Perennial. Herb, dwarf shrub? Length ± 0.1–0.25 m. Alt ± 150 m. WC

platysepala Hiern
S. humifusa Hiern (8)
S. pallescens Hiern (8)

Perennial, but sometimes appearing annual. Herb. Length ± 0.2–0.6 m. Alt 450–850 m. KZN

polelensis Hiern subsp. **fraterna** Hilliard
Perennial. Herb. Length up to 0.45 m. Alt 1050–2000 m. M, S

polelensis Hiern subsp. **polelensis**
Perennial. Herb. Length ± 0.6 m. Alt 1525–2300 m. FS, KZN, L, EC

polyantha (Benth.) Kuntze
Chaenostoma polyanthum Benth. (1)
Chaenostoma procumbens Benth. (8)
Manulea polyantha (Benth.) Kuntze (8)
S. campanulata of author, not of (Benth.) Kuntze: Batten & Bokelmann (1966), misapplied name (8)
S. infundibiliformis Schinz (8)
S. linifolia of author, not of (Thunb.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. procumbens (Benth.) Kuntze (8)
Perennial. Herb. Length 0.06–0.3 m. Alt 0–600 m. WC, EC

polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. neglecta**

polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. patriotica**

polysepala Hiern = **S. calycina**

primuliflora (Thell.) Range as '*primulina*' = **Jamesbrittenia primuliflora**

pristisepala Hiern = **Jamesbrittenia pristisepala**

procumbens (Benth.) Kuntze = **S. polyantha**

pulchra Norl. = **S. floribunda**

pumila (Benth.) Kuntze = **S. halimifolia**

racemosa (Benth.) Kuntze
Chaenostoma racemosum Benth., not of Wettst. ex Diels (8)
Annual? Herb. Length 0.2–0.35 m. Alt ± 610 m. EC

ramosissima Hiern = **Jamesbrittenia ramosissima**

remotiflora Dinter ex Range, naked name = **Manulea robusta**

revoluta (Thunb.) Kuntze
Chaenostoma revolutum (Thunb.) Benth., excluding var. *α glabriusculum* Benth. and var. *β pubescens* Benth. (8)
Manulea revoluta Thunb. (1)
Perennial. Suffrutex. Ht up to 0.6 m. Alt 300–1500 m. NC, WC

revoluta (Thunb.) Kuntze var. *β pubescens* Hiern name only, in part = **S. paniculata**

revoluta (Thunb.) Kuntze var. *β pubescens* Hiern name only, in part = **S. subsessilis**

revoluta (Thunb.) Kuntze × **S. aethiopica** (L.) Kuntze
?Manulea satureioides Desr. (8)
Perennial. Suffrutex. Ht? Alt? WC? ('Cap Bona Spei')

rhombifolia Schinz = **Jamesbrittenia argentea**

rigida L.Bolus, illegitimate name = **Antherothamnus pearsonii**

roseoflava Hiern (Hiern in part)
Perennial, but sometimes appearing annual. Herb. Length ± 0.6 m. Alt 5–1525 m. EC

roseoflava Hiern in part = **S. campanulata**

rotundifolia (Benth.) Kuntze
Chaenostoma rotundifolium Benth. (1)
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 1200–1525 m. NC, WC, EC

sessilifolia (Diels) Hiern; Merxmüller & Roessler (1967), excluding *Lyperia major* Pilg. = **Jamesbrittenia sessilifolia**

silenoides Hilliard = **Jamesbrittenia silenoides**

squarrosa (Pilg.) Hiern ex Range = **Jamesbrittenia integerrima**

stenopetala (Diels) Hiern = **Jamesbrittenia incisa**

stenophylla Hiern = **S. subnuda**

subnuda (N.E.Br.) Hiern
Chaenostoma subnudum N.E.Br. (1)
S. stenophylla Hiern (8)
Perennial. Herb, dwarf shrub. Ht 0.08–0.45 m. Alt 300–1200 m. WC

subsessilis Hilliard
Chaenostoma revolutum (Thunb.) Benth. var. *β pubescens* Benth., name only, in part (8)
S. revoluta (Thunb.) Kuntze var. *β pubescens* Hiern name only, in part (8)
Perennial. Herb. Ht 0.15–0.35 m. Alt ± 915 m. WC

subspicata (Benth.) Kuntze
Chaenostoma subspicatum Benth. (1)
S. aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. subspicata (Benth.) Kuntze: Hiern (1904) in part (8)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 0–200 m. WC

subspicata (Benth.) Kuntze: Hiern (1904) in part = **S. subspicata**

subspicata of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**

tenella Hiern = **Jamesbrittenia tenella**

tenuicaulis Hilliard
Perennial. Herb. Ht ± 0.15–0.45 m. Alt 900–1500 m. WC

tenuiflora (Benth.) Hiern = **Lyperia tenuiflora**

tenuifolia (Bernh.) Fourc. = **Jamesbrittenia tenuifolia**

tenuis Pilg. = **Jamesbrittenia concinna**

titanophila Hilliard
Perennial. Dwarf shrub, lithophyte. Ht up to 0.2 m. Alt ± 15 m. WC

tomentosa Hiern, illegitimate name: Merxmüller & Roessler (1967) in part = **Jamesbrittenia glutinosa**

tomentosa of author, not of Hiern: Hemsley & Skan (1906), misapplied name = **Jamesbrittenia pallida**

tomentosa of author, not of Hiern: Le Roux & Schelpe (1988), misapplied name = **Jamesbrittenia racemosa**

tortuosa (Benth.) Hiern = **Jamesbrittenia tortuosa**

tristis (L.f.) Hiern, including var. *montana* (Diels) Hiern = **Lyperia tristis**

tysonii Hiern = **Jamesbrittenia tysonii**

uncinata (Desr.) Hilliard
Chaenostoma fasciculatum Hort. in synonym (8)
Chaenostoma glabratum Benth. in part (8)
Chaenostoma linifolium (Thunb.) Benth. (8)
Chaenostoma linifolium (Thunb.) Benth. var. *hispidum* Bernh., naked name (8)
Manulea linifolia Thunb. (7)
Manulea uncinata Desr. (7)
S. linifolia (Thunb.) Kuntze; Hiern (1904) in part and excluding var. *heterophylla* (Kuntze) Hiern (8)

Perennial. Herb, dwarf shrub. Ht up to 0.6 m. Alt 150–640 m. WC

violacea (Schltr.) Hiern
Chaenostoma violaceum Schltr. (1)
Perennial. Suffrutex. Ht 0.5–1.5 m. Alt 305–700 m. NC, WC

virgulosa Hiern = **Jamesbrittenia filicaulis**

welwitschii Skan = **Camptoloma rotundifolium**

TEEDIA Rudolphi 7494000

(1) Hiern. 1904 *FC* 4,2: 210–212.
(2) Dahlgren & Rao. 1971. *Botaniska Notiser* 124: 458, 459.
(3) Philcox. 1990. *FZ* 8,2: 18–20.

lucida (Sol.) Rudolphi
Capraria lucida Sol. (1)
Lantana capensis Thunb. (2)
Perennial, occ. annual. Shrub, dwarf shrub, herb. Ht 0.02–2 m. Alt 20–2400 m. LIM, M, S, KZN, L, NC, WC, EC

?*obtusifolia* = **T. pubescens**

?*pentheri* Gand. = **T. pubescens**

pubescens Burch.
?*T. obtusifolia* (2)
?*T. pentheri* Gand. (2)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 610–1300 m. WC

TETRASELAGO Junell 7568040

(1) Rolfe. 1901. *FC* 5,1: 151–153, as '*Selago*'.
(2) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35: 175–177.
(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 534–540.
(4) Retief & Herman. 1997. *Strelitzia* 6: 616.

longituba (Rolfe) Hilliard & B.L.Burtt
Selago longituba Rolfe (2)
Selago montis-shebae Brenan (3)
Perennial. Herb. Length 0.2–1 m. Alt 855–2100 m. M, S

natalensis (Rolfe) Junell
Selago natalensis Rolfe (2)
Perennial. Dwarf shrub, herb. Ht 0.35–1 m. Alt 600–1400 m. M, S, KZN

nelsonii (Rolfe) Hilliard & B.L.Burtt
Selago nelsonii Rolfe (2)
Selago transvaalensis Rolfe (3)
Perennial. Herb. Ht 0.25–0.8 m. Alt 940–2180 m. LIM

wilmsii (Rolfe) Hilliard & B.L.Burtt
Selago aggregata Rolfe (2)
Selago wilmsii Rolfe (2)
Perennial. Herb. Length 0.3–0.65 m. Alt 1200–2000 m. LIM, G, M

TORENIA L. 7561000

(1) Philcox. 1990. *FZ* 8,2: 56–58.
(2) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 332–340.

monroi (S.Moore) Philcox = **Lindernia monroi**

nana E.Mey. ex Benth. = **Craterostigma plantagineum**

parviflora Buch.-Ham. ex Benth. = **T. thouarsii**

plantaginea (Hochst.) Benth. = **Craterostigma plantagineum**

pumila (Hochst.) Benth. = **Craterostigma pumilum**

spicata Engl. = **Crepidorhopalon spicatus**

thouarsii (Cham. & Schltdl.) Kuntze
Nortenia thouarsii Cham. & Schltdl. (1)
T. parviflora Buch.-Ham. ex Benth. (1)
Annual? Herb, hydrophyte. Ht 0.15–0.33 m. Alt 275–1370 m. B, G, M, KZN

TRIEENEA Hilliard 7522020

(1) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 418–429.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 671.

elsiae Hilliard
Annual? Herb. Length 0.08–0.2 m. Alt 1370–1525 m. WC

frigida Hilliard
Annual? Herb. Ht? Alt ± 1525 m. WC

glutinosa (Schltr.) Hilliard
Phyllopodium glutinosum Schltr.; Hiern (1904) in part (2)
Polycarena glutinosa (Schltr.) Levyns (1)
Annual, occ perennial. Herb, suffrutex. Length 0.035–0.4 m. Alt 1600–2100 m. WC, EC

lanciloba Hilliard
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 1370–1740 m. WC

lasiocephala Hilliard
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1372 m. WC

laxiflora Hilliard
Perennial, but sometimes appearing annual. Dwarf shrub. Ht up to 0.45 m. Alt 760–1370 m. WC

longipedicellata Hilliard
Perennial. Herb. Length up to 0.2 m. Alt 1500–1980 m. WC

schlechteri (Hiern) Hilliard
Phyllopodium schlechteri Hiern (1)
Polycarena schlechteri (Hiern) Levyns (1)
Perennial. Herb. Length up to 0.15 m. Alt 1370–1525 m. WC

taylorii Hilliard
Perennial. Herb, but woody at base. Length 0.08–0.3 m. Alt 1200–1675 m. WC

*VERBASCUM L. 7460000

(1) Hiern. 1904. *FC* 4,2: 137, 138.
(2) Murbeck. 1933. *Lunds Universitets Årsskrift* N.F. Avd. 2, 29,2: 1–630.
(3) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 834.
(4) Ferguson. 1972. In Tutin *et al.*, *Flora europaea* 3: 205–216.
(5) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 533.
(6) Cullen. 2000. In Cullen *et al.*, *European garden flora* 6: 283–287.
Note: these and other species sometimes occur sporadically as garden escapes but may not yet be naturalised.

blattaria L.
Biennial. Herb. Ht up to 1.5 m. Alt up to 150 m. WC?

virgatum Stokes
Biennial. Herb. Ht 0.3–2 m. Alt 60–? L?, WC, EC

VERONICA L. 7579000

(1) Hiern. 1904. *FC* 4,2: 367–369.
(2) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 292–295.
(3) Walters & Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 242–251.
(4) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 536, 537, 658.
(5) Fischer. 1999. *Flore d'Afrique centrale. Scrophulariaceae* 1: 200–208.

Note: these species and others sometimes occur as sporadic garden escapes only, but may not yet be naturalised. Some are weeds of cultivation.

***agrestis** L.
Annual. Herb. Length 0.05–0.3 m. Alt? NW

anagallis L. = **V. anagallis-aquatica**

anagallis-aquatica L.
V. anagallis L. (5)
V. capensis Fenzl (1)
Annual, short-lived perennial. Herb, hydrophyte. Ht 0.05–1.2 m. Alt 30–805 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***arvensis** L.
Annual. Herb. Length (0.02–)0.05–0.4 m. Alt? WC

***beccabunga** L.
Perennial. Herb, hydrophyte. Ht? Alt? EC

capensis Fenzl = **V. anagallis-aquatica**

***chamaedrys** L. subsp. **chamaedrys**
Annual or perennial. Herb. Length 0.07–0.25 m. Alt? WC

***hederifolia** L.
Annual. Herb. Ht? Alt? EC

***officinalis** L.
Perennial. Herb. Length up to 0.5 m. WC? ('Cape Colony')

***persica** Desf. ex Poir.
V. tournefortii C.C.Gmel. in part, not of Vill. (3)
Annual. Herb. Ht up to 0.2 m. Length 0.05–0.6 m. Alt 30–2250 m. NW, G, M, FS, KZN, L, NC, WC, EC

***serpyllifolia** L.
Annual. Herb. Length 0.05–0.3 m. Alt ± 305 m. KZN, WC

tournefortii C.C.Gmel. in part, not of Vill. = **V. persica**

WALAFRIDA E.Mey. 7568010

albanensis (Schltr.) Rolfe = **Selago recurva**

alopecuroides (Rolfe) Rolfe = **Selago alopecuroides**

angolensis of author, not of (Rolfe) Rolfe: Philcox (1990) in part, misapplied name = **Selago kurtdinteri**

angolensis (Rolfe) Rolfe = **Selago angolensis**

apiculata (E.Mey.) Rolfe = **Glumicalyx apiculatus**

articulata (Thunb.) Rolfe = **Selago articulata**

basutica E.Phillips = **Selago saxatilis**

cecilae Rolfe = **Selago cecilae**

chongweënsis Rolfe = **Selago angolensis**

ciliata (L.f.) Rolfe = **Selago ciliata**

cinerea (L.f.) Rolfe = **Selago cinerea**

congesta (Rolfe) Rolfe = **Selago congesta**

crassifolia Rolfe = **Selago crassifolia**

decipiens (E.Mey.) Rolfe = **Selago decipiens**

densiflora (Rolfe) Rolfe in part = **Selago cucullata**

densiflora (Rolfe) Rolfe in part = **Selago densiflora**

densiflora (Rolfe) Rolfe in part = **Selago tenuifolia**

diffusa Rolfe = **Selago linearis**

dinteri (Rolfe) Rolfe = **Selago dinteri** subsp. **dinteri**

distans (E.Mey.) Rolfe = **Selago distans**

fleckii Rolfe = **Selago dinteri** subsp. **dinteri**

geniculata (L.f.) Rolfe = **Selago geniculata**

gracilis Rolfe = **Selago gracilis**

lacunosa (Klotzsch) Rolfe = **Selago lacunosa**

loganii Hutch. = **Selago rigida**

macowani Rolfe = **Selago decipiens**

merxmuelleri Roessler = **Selago divaricata**

micrantha (Choisy) Rolfe in part = **Selago confusa**

micrantha (Choisy) Rolfe in part = **Selago paniculata**

minuta Rolfe = **Cromidon minutum**

myrtifolia (Rchb.) Rolfe = **Selago myrtifolia**

nachtigalii of author, not of (Rolfe) Rolfe: Philcox (1990), misapplied name = **Selago albomarginata**

nachtigalii (Rolfe) Rolfe in part = **Selago albomarginata**

nachtigalii (Rolfe) Rolfe in part = **Selago multispicata**

nachtigalii (Rolfe) Rolfe in part = **Selago nachtigalii**

nitida E.Mey.: Rolfe (1901) in part = **Selago myrtifolia**

paniculata of author, not of (Thunb.) Rolfe: Merxmüller & Roessler (1967), misapplied name = **Selago kurtdinteri**

paniculata (Thunb.) Rolfe in part = **Selago alopecuroides**

paniculata (Thunb.) Rolfe in part = **Selago mixta**

paniculata (Thunb.) Rolfe in part = **Selago multispicata**

paniculata (Thunb.) Rolfe in part = **Selago paniculata**

polycephala (Otto ex Walp.) Rolfe in part = **Selago polycephala**

polystachya Rolfe in part = **Selago densiflora**

polystachya Rolfe in part, not *Selago polystachya* L. = **Selago multispicata**

pubescens Rolfe = **Selago gracilis**

pusilla Roessler = **Cromidon pusillum**

recurva (E.Mey.) Rolfe = **Selago recurva**

rigida (Rolfe) Hutch. = **Selago rigida**

rotundifolia (L.f.) Rolfe = **Selago rotundifolia**

saxatilis (E.Mey.) Rolfe = **Selago saxatilis**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago amboensis**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago dinteri** subsp. **dinteri**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago dinteri** subsp. **pseudodinteri**

schinzii of author, not of Rolfe: Merxmüller & Roessler (1967) misapplied name = **Selago albomarginata**

schinzii Rolfe = **Selago alopecuroides**

squarrosa Rolfe = **Selago gracilis**

tenuifolia Rolfe = **Selago tenuifolia**

trimera Hochst. = **Selago myrtifolia**

witbergensis (E.Mey.) Rolfe in part = **Selago polycephala**

witbergensis (E.Mey.) Rolfe in part = **Selago witbergensis**

zeyheri (Choisy) Rolfe in part = **Selago decipiens**

zeyheri (Choisy) Rolfe in part = **Selago zeyheri**

zuurbergensis Rolfe = **Selago zeyheri**

ZALUZIANSKYA F.W.Schmidt, 7523000 name conserved

(1) Hiern. 1904. *FC* 4,2: 333–354.
(2) Merxmüller. 1967. *FSWA* 126: 57–59.
(3) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,1: 1–43.
(4) Manning. 1987. *The Flowering Plants of Africa* 49: t. 1950 (*Z. rubrostellata*).
(5) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 345–350.
(6) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 460–522.
(7) Retief & Herman. 1997. *Strelitzia* 6: 616, 617.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 672, 673.

acrobareia Hilliard
Annual. Herb. Ht 0.005–0.017 m. Alt? NC

acutiloba Hilliard
Annual. Herb. Length 0.03–0.15 m. Alt 1430–1465 m. NC

affinis Hilliard
Nycterinia selaginoides (Thunb.) Benth. var. *β glabra* Benth. (6)
Z. selaginoides (Thunb.) Walp. var. *β glabra* (Benth.) Walp. (1, 6)
Z. villosa F.W.Schmidt var. *β glabra* (Benth.) Hiern (6)
Z. villosa F.W.Schmidt var. *γ parviflora* (Benth.) Hiern in part (6)
?*Z. violacea* of author, not of Schltr.: Hiern (1904) in part (6)
Annual. Herb. Ht 0.02–0.3 m. Alt up to 900 m. NC, WC

africana Hiern in part = **Z. karrooica**

africana Hiern in part = **Z. pumila**

africana Hiern in part = **Z. synaptica**

africana Hiern in part = **Z. vallispiscis**

alpestris Diels = **Glumicalyx nutans**

angustifolia Hilliard & B.L.Burtt
Perennial. Herb. Length 0.07–0.3(–0.45) m. Alt 185–1980 m. LIM, KZN, EC

aschersoniana Schinz = **Z. benthamiana**

bella Hilliard
Annual. Herb. Ht 0.015–0.15 m. Alt 500–1200 m. EC

benthamiana Walp.
Manulea buchubergensis Dinter ex Range (6)
Nycterinia villosa Benth., excluding synonym *Erinus villosus* Thunb. (6)
Z. aschersoniana Schinz (6)
Z. bolusii Hiern (6)
Z. ramosa Schinz ex Hiern (6)
Annual. Herb. Ht 0.02–0.33 m. Alt 190–1060 m. N, NC, WC

bolusii Hiern = **Z. benthamiana**

capensis (L.) Walp.
Erinus aethiopicus Thunb. (6)
Erinus africanus of author, not of L.: Thunb. (1800, 1823) in part (6)
Erinus capensis L. (6)
Nycterinia capensis (L.) Benth. including var. *α hirsuta* Benth., var. *β glabriuscula* Benth. and var. *δ tenuifolia* Benth., but excluding var. *γ foliosa* Benth. (6)
Nycterinia coriacea Benth. (6)
Nycterinia dentata Benth. (6)
Nycterinia longiflora Benth. (6)
Z. capensis (L.) Walp. var. *β glabriuscula* (Benth.) Walp. (6)
Z. capensis (L.) Walp. var. *α hirsuta* (Benth.) Walp. (6)
Z. capensis (L.) Walp. var. *δ tenuifolia* (Benth.)Walp. (6)
Z. coriacea (Benth.) Walp. (6)
Z. dentata (Benth.) Walp. (6)
Z. longiflora (Benth.) Walp. (6)
Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)
Annual or perennial. Herb. Ht 0.1–0.4 m. Alt 0–1350 m. NC, WC, EC

capensis (L.) Walp. var. *γ foliosa* (Benth.) Walp. = **Z. schmitziae**

capensis (L.) Walp. var. *β glabriuscula* (Benth.) Walp. = **Z. capensis**

capensis (L.) Walp. var. *α hirsuta* (Benth.) Walp. = **Z. capensis**

capensis (L.) Walp. var. *δ tenuifolia* (Benth.) Walp. = **Z. capensis**

capensis of author, not of (L.) Walp.: Hilliard & Burtt (1983) in part = **Z. glareosa**

chrysops Hilliard & B.L.Burtt
Perennial, but appearing annual. Herb. Length 0.035–0.15 m. Alt 2000–? m. KZN, L

cohabitans Hilliard
Annual. Herb. Ht 0.005–0.1 m. Alt 1000–1850 m. NC

collina Hiern in part
Annual. Herb. Ht 0.03–0.25 m. Alt 600–1555 m. NC

collina Hiern in part = **Z. pusilla**

coriacea (Benth.) Walp. = **Z. capensis**

crocea Schltr.
Z. crocea Schltr.: Hilliard & Burtt (1983) in part (6)
Annual. Herb. Ht 0.03–0.12 m. Alt 1920–2600 m. L, EC

crocea of author, not of Schltr.: Hilliard & Burtt (1983) in part, misapplied name = **Z. karrooica**

crocea of author, not of Schltr.: Hilliard & Burtt (1983) in part, misapplied name = **Z. vallispiscis**

crocea Schltr.: Hilliard & Burtt (1983) in part = **Z. crocea**

dentata (Benth.) Walp. = **Z. capensis**

diandra Diels
Annual. Herb. Ht 0.05–0.3 m. Alt 700–1005 m. N, NC

distans Hiern
Z. latifolia Schinz ex O.Hoffm. & Muschl., name only (3)
Perennial, but sometimes appearing annual. Herb. Length up to 0.4 m. Alt 1765–2200 m. M, FS, KZN

divaricata (Thunb.) Walp.
Manulea divaricata Thunb. (1)
Nycterinia divaricata (Thunb.) Benth. (6)
Nycterinia divaricata (Thunb.) Benth. var. *β? parviflora* Benth. (6)
Nycterinia rigida Benth. mistake for *N. divaricata* according to *Index Kewensis* (6)
Annual. Herb. Ht 0.03–0.25 m. Alt up to 750 m. WC

divaricata of author, not of (Thunb.) Walp.: Batten & Bokelman (1966), misapplied name = **Z. vallispiscis**

elongata Hilliard & B.L.Burtt
Perennial. Herb. Length up to 0.6 m. Alt 460–1800 m. G, M, S, KZN, EC

falciloba Diels = **Z. pumila**

flanaganii Hiern = **Glumicalyx flanaganii**

gilgiana Diels, insufficiently known (type lost in Berlin), probably = **Z. violacea**

gilioides Schltr. = **Z. peduncularis**

glandulosa Hilliard
Annual. Herb. Ht 0.004–0.04 m. Alt ± 900 m. WC

glareosa Hilliard & B.L.Burtt
Z. capensis of author, not of (L.) Walp.: Hilliard & Burtt (1983) in part (6)
Perennial, but appearing annual. Herb. Length up to 0.45 m. Alt 1200–2750 m. FS, KZN, L?, EC

goseloides Diels = **Glumicalyx goseloides**

gracilis Hilliard
Annual. Herb. Ht 0.05–0.25 m. Alt up to 150 m. WC

inflata Diels
Annual. Herb. Length 0.03–0.25 m. Alt 670–760 m. NC

isanthera Hilliard
Annual. Herb. Ht 0.01–0.04 m. Alt 900–1300 m. WC

kareebergensis Hilliard
Annual. Herb. Ht 0.06–0.15 m. Alt ± 460 m. WC

karrooica Hilliard
Nycterinia africana (L.) Benth. in part, excluding synonym *Erinus africanus* L. (6)
Z. africana Hiern in part (6)
Z. crocea of author, not of Schltr.: Hilliard & Burtt (1983) in part, misapplied name (6)
Annual. Herb. Ht 0.01–0.13 m. Alt 1200–1950 m. FS, NC, EC

katharinae Hiern
Perennial. Dwarf shrub, herb. Length up to 0.6 m. Alt 1450–2100 m. LIM, NW, G, M

lanigera Hilliard
Annual. Herb. Ht 0.018–0.035 m. Alt? WC

latifolia Schinz ex O.Hoffm. & Muschl., name only = **Z. distans**

longiflora (Benth.) Walp. = **Z. capensis**

lychnidea (D.Don) Walp. = **Z. maritima**

maritima (L.f.) Walp.
Erinus lychnideus of author, not of (L.) L.f.: Lindl. (1823) and others, misapplied name (6)
Erinus maritimus L.f. (6)
Nycterinia lychnidea D.Don (6)
Nycterinia maritima (L.f.) Benth. in part (6)
Z. lychnidea (D.Don) Walp. (6)
Z. maritima (L.f.) Walp.: Hiern (1904) in part (6)
Z. maritima (L.f.) Walp. var. *fragrantissima* Hiern (3)
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 0–60 m. WC, EC

maritima (L.f.) Walp.: Hiern (1904) in part = **Z. maritima**

maritima (L.f.) Walp. var. *atro-purpurea* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *breviflora* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *fragrantissima* Hiern = **Z. maritima**

maritima (L.f.) Walp. var. *grandiflora* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *pubens* Hiern = **Z. pilosa** (not *Z. spathacea* as in Hilliard & Burtt 1983)

maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name = **Z. capensis**

maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name = **Z. natalensis**

maritima of author, not of (L.f.) Walp.: Hiern (1904), in part, misapplied name = **Z. spathacea**

marlothii Hilliard
Annual. Herb. Length 0.002–0.05 m. Alt 1500–1700 m. NC

microsiphon (Kuntze) K.Schum.
Nycterinia microsiphon Kuntze (6)
Z. maritima (L.f.) Walp. var. *atro-purpurea* Hiern (3)
Z. maritima (L.f.) Walp. var. *breviflora* Hiern (3)
Z. maritima (L.f.) Walp. var. *grandiflora* Hiern (3)
Perennial. Herb. Length up to ± 0.4 m. Alt 1525–2745 m. LIM, M, FS, KZN, EC

minima (Hiern) Hilliard
Phyllopodium minimum Hiern (5)
Polycarena minima (Hiern) Levyns (5)
Annual. Herb. Ht 0.01–0.1 m. Alt 800–1500 m. NC, WC

mirabilis Hilliard
Annual. Herb. Length 0.01–0.08 m. Alt ± 1310 m. NC, EC

montana Hiern = **Z. ovata**

muirii Hilliard & B.L.Burtt
Annual or perennial? Herb. Ht 0.15–0.4 m. Alt up to 210 m. WC

natalensis Bernh.
Nycterinia natalensis Bernh. (6)
Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)
Perennial. Herb. Ht up to 0.35 m. Alt 600–1700 m. S, KZN, EC

natalensis of author, not of Bernh.: Harvey (1859), misapplied name = **Z. pachyrrhiza**

nemesioides Diels = **Reyemia nemesioides**

oreophila Hilliard & B.L.Burtt
Annual or perennial? Herb. Length 0.1–0.3 m. Alt 2285–3200 m. L

ovata (Benth.) Walp.
Nycterinia ovata Benth. (6)
Z. montana Hiern (3)
Perennial. Dwarf shrub. Length up to 0.45 m. Alt 1460–3230 m. FS, KZN, L, NC, WC, EC

pachyrrhiza Hilliard & B.L.Burtt
Z. natalensis of author, not of Bernh.: Harvey (1859), misapplied name (6)
Perennial. Herb. Length up to 0.45 m. Alt 0–500 m. KZN

parviflora Hilliard
Annual. Herb. Ht 0.1–0.31 m. Alt 20–365 m. WC

peduncularis (Benth.) Walp.
Nycterinia peduncularis Benth. (3)
Nycterinia peduncularis Benth. var. *β glabriuscula* Benth., name only (6)
Nycterinia peduncularis Benth. var. *α hirsuta* Benth. (6)
Polycarena dinteri Thell. (6)
Z. gilioides Schltr. (6)
Z. peduncularis (Benth.) Walp. var. *glabriuscula* (Benth.) Walp. (6)
Z. peduncularis (Benth.) Walp. var. *hirsuta* (Benth.) Walp. (6)
Annual. Herb. Ht 0.013–0.25 m. Alt 100–1900 m. N, FS, L, NC, WC, EC

peduncularis (Benth.) Walp. var. *glabriuscula* (Benth.) Walp. = **Z. peduncularis**

peduncularis (Benth.) Walp. var. *hirsuta* (Benth.) Walp. = **Z. peduncularis**

pilosa Hilliard & B.L.Burtt
Z. maritima (L.f.) Walp. var. *pubens* Hiern [not *Z. spathacea* as in (3)] (6)
Perennial. Herb. Length up to 0.35 m. Alt? LIM, M?, KZN

pilosissima Hilliard
Annual. Herb. Length 0.01–0.14 m. Alt 1100–1500 m. NC

pseudafricana Paclt, illegitimate name = **Z. pumila**

pulvinata Killick
Perennial. Herb. Length 0.03–0.1(–0.3) m. Alt 1550–3000 m. M, FS, KZN, L, EC

pulvinata of author, not of Killick: Trauseld (1963), misapplied name = **Z. rubrostellata**

pumila (Benth.) Walp.
Erinus africanus of author, not of L.: Thunb. (1800, 1823) in part (6)
Nycterinia africana or author, not of (L.) Benth.: Benth. (1836) in part, excluding synonym *Erinus africanus* L. (6)
Nycterinia pumila Benth. (1)
Z. africana Hiern in part (6)
Z. falciloba Diels (6)
Z. pseudafricana Paclt, illegitimate name (6)
Annual. Herb. Ht 0.02–0.23 m. Alt 100–1125 m. NC, WC

pusilla (Benth.) Walp.
Nycterinia pusilla Benth. (1)
Z. collina Hiern in part (6)
Annual. Herb. Ht 0.02–0.155 m. Alt 150–950 m. NC, WC

ramosa Schinz ex Hiern = **Z. benthamiana**

rubrostellata Hilliard & B.L.Burtt
Z. pulvinata of author, not of Killick: Trauseld (1963) misapplied name (6)
Annual. Herb. Length ± 0.02–0.14 m. Alt 2350–3300 m. KZN?, L, EC

sanorum Hilliard
Annual. Herb. Length 0.01–0.14 m. Alt 900–? m. NC

schmitziae Hilliard & B.L.Burtt
Nycterinia capensis (L.) Benth. var. *γfoliosa* Benth. (6)
Z. capensis (L.) Walp. var. *γfoliosa* (Benth.) Walp. (6 implied)
Perennial. Herb. Length 0.15–0.3 m. Alt 670–2425 m. FS, L, EC

selaginoides (Thunb.) Walp., excluding var. *β glabra* (Benth.) Walp. and var. *γparviflora* (Benth.) Walp. = **Z. villosa**

selaginoides (Thunb.) Walp. var. *β glabra* (Benth.) Walp. = **Z. affinis**

selaginoides (Thunb.) Walp. var. *γ parviflora* (Benth.) Walp. = **Polycarena silenoides**

spathacea (Benth.) Walp.
Nycterinia spathacea Benth. (6)
Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)
Z. spathacea (Benth.) Walp.: Hilliard & Burtt (1983) excluding *Z. maritima* (L.f.) Walp. var. *pubens* Hiern (6)
Perennial. Herb. Length up to 0.4 m. Alt 915–2650 m. M, S, FS, KZN, L, EC

spathacea (Benth.) Walp.: Hilliard & Burtt (1983) excluding *Z. maritima* (L.f.) Walp. var. *pubens* Hiern = **Z. spathacea**

sutherlandica Hilliard
Annual. Herb. Ht ± 0.03 m. Alt ± 1645 m. NC

synaptica Hilliard
Z. africana Hiern in part (6)
Annual. Herb. Ht 0.01–0.24 m. Alt 600–1200 m. WC, EC

turritella Hilliard & B.L.Burtt
Annual. Herb. Length 0.025–0.13 m. Alt 2940–3300 m. KZN, L

vallispiscis Hilliard
Z. africana Hiern in part (6)
Z. crocea of author, not of Schltr.: Hilliard & Burtt (1983) in part, misapplied name (6)
Z. divaricata of author, not of (Thunb.) Walp.: Batten & Bokelman (1966), misapplied name (6)
Annual. Herb. Ht 0.03–0.15 m. Alt 305–460 m. EC

venusta Hilliard
Annual. Herb. Ht 0.01–0.15 m. Alt 350–1500 m. FS, NC, WC

villosa F.W.Schmidt
Erinus africanus L. (6)
Erinus selaginoides Thunb. (6)
Erinus villosus Thunb. (6)
Nycterinia africana (L.) Benth. in part, the synonym *Erinus africanus* L. (6)
Nycterinia selaginoides (Thunb.) Benth., excluding var. *β glabra* Benth. and var. *γparviflora* Benth. (6)
Z. selaginoides (Thunb.) Walp. excluding var. *β glabra* (Benth.) Walp. and var. *γparviflora* (Benth.) Walp. (6)
Z. villosa F.W.Schmidt: Hiern (1904) excluding var. *β glabra* (Benth.) Hiern and var. *γparviflora* (Benth.) Hiern (6)
Annual. Herb. Ht 0.03–0.3 m. Alt up to 200 m. WC

villosa F.W.Schmidt: Hiern (1904) excluding var. *β glabra* (Benth.) Hiern and var. *γparviflora* (Benth.) Hiern = **Z. villosa**

villosa F.W.Schmidt var. *β glabra* (Benth.) Hiern = **Z. affinis**

villosa F.W.Schmidt var. *γparviflora* (Benth.) Hiern, in part = **Polycarena silenoides**

villosa F.W.Schmidt var. *γparviflora* (Benth.) Hiern, in part = **Z. affinis**

violacea Schltr.
Z. violacea Schltr: Hiern (1904) in part (6)
Annual. Herb. Ht 0.02–0.15 m. Alt 140–1160 m. NC, WC

?*violacea* of author, not of Schltr.: Hiern (1904) in part = **Z. affinis**

violacea Schltr: Hiern (1904) in part = **Z. violacea**

SOLANACEAE

Compiled by W.G. Welman

ATROPA L. 7390000

physalodes L. = **Nicandra physalodes**

***CAPSICUM** L. 7404000

(1) Shaw. 2000. *European garden flora* 6: 242.

annuum L. var. *aviculare* (Dierbach) D'Arcy & Eshbaugh = **C. annuum** var. **glabriusculum**

annuum L. var. **glabriusculum** (Dunal) Heiser & Pickersgill
C. annuum L. var. *aviculare* (Dierbach) D'Arcy & Eshbaugh (1)
Perennial. Shrub or herb. Ht 0.25–2 m. Alt? LIM

frutescens L.
Perennial. Shrub or herb. Ht 0.25–2 m. Alt 15–100 m. S, KZN

*CESTRUM L. 7420000

(1) Henderson *et al.* 1987. *Declared weeds and alien invader plants in southern Africa*: 30, 31.
(2) Shaw. 2000. *European garden flora* 6: 254–257.

aurantiacum F.Mayer = **Freylinia lanceolata**

aurantiacum Lindl.
Perennial. Shrub, occ. tree. Ht 1–7 m. Alt 60–1500 m. LIM, G, M, S, KZN, WC

elegans (Brongn.) Schltdl.
C. purpureum (Lindl.) Standl. (2)
Perennial. Shrub. Ht 1–4 m. Alt ?–1340 m. M, KZN

laevigatum Schltdl.
Perennial. Shrub, occ. tree. Ht 1–7 m. Alt 5–1525 m. NW, G, M, S, FS, KZN, WC, EC

purpureum (Lindl.) Standl. = **C. elegans**

*CYPHOMANDRA Mart. 7408000

(1) Shaw. 2000. *European garden flora* 6: 240.

betacea (Cav.) Sendtn.
Perennial. Tree, shrub. Ht 3–7 m. Alt ?–1300 m. KZN

*DATURA L. 7415000

(1) Shaw. 2000. *European garden flora* 6: 247–249.

fastuosa L. = **D. metel**

ferox L.
Annual. Shrub or herb. Ht 0.2–1.5 m. Alt 5–1713 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

inoxia Mill.
D. meteloides Dunal (1)
Annual. Shrub or herb. Ht 0.3–2 m. Alt 2–1300 m. N, B, LIM, NW, G, KZN, NC, WC

metel L.
D. fastuosa L. (1)
Annual. Herb. Ht 0.3–1.5 m. Alt 50–610 m. LIM, KZN

meteloides Dunal = **D. inoxia**

stramonium L.
D. tatula L. (1)
Annual. Shrub or herb. Ht 0.35–2 m. Alt 45–2380 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

tatula L. = **D. stramonium**

LYCIUM L. 7379000

(1) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 487.
(2) Joubert & Venter. 1989. *South African Journal of Botany* 55: 516–519.
(3) Venter & Scott. 1999. *South African Journal of Botany* 65: 428–430.
(4) Venter. 2000. *Taxonomy of the genus* Lycium *L. (Solanaceae) in Africa*. Unpublished Ph.D. thesis, University of the Orange Free State, Bloemfontein.

acutifolium E.Mey. ex Dunal
L. pendulinum Miers (4)
Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 5–1795 m. S, KZN, EC

afrum L.
L. bachmannii Dammer (4)
Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 10–600 m. WC

albiflorum Dammer = **L. shawii**

amoenum Dammer
L. campanulatum E.Mey. ex C.H.Wright (4)
Perennial. Shrub. Ht 1–3 m. Alt 90–1835 m. N, NC, WC

arenicola Miers
Perennial. Shrub. Ht 3–4 m. Alt 650–2000 m. B, NW, FS, KZN, L, NC, WC, EC

austrinum Miers = **L. oxycarpum**

bachmannii Dammer = **L. afrum**

bosciifolium Schinz
L. dunaloides Dammer (4)
L. emarginatum Dammer (4)
L. namaquense Dammer (4)
L. pauciflorum Dammer (4)
L. schaeferi Dammer (4)
L. squarrosum Dammer (4)
Perennial. Shrub or small tree. Ht 0.5–4 m. Alt 410–1650 m. N, B, NC, WC

caespitosum Dinter & Dammer = **L. cinereum**

campanulatum E.Mey. ex C.H.Wright = **L. amoenum**

cinereum Thunb.
L. caespitosum Dinter & Dammer (4)
L. prunus-spinosa Dunal (4)
L. roridum Miers (4)
L. woodii Dammer (4)
Perennial. Shrub or dwarf shrub. Ht 0.3–2 m. Alt 5–1785 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

colletioides Dammer = **L. pumilum**

decumbens Welw. ex Hiern
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 3–300 m. N

dinteri Dammer = **L. pilifolium**

dunaloides Dammer = **L. bosciifolium**

echinatum Dunal = **L. horridum**

eenii S.Moore
L. lancifolium Dammer (4)
L. trothae Dammer (4)
Perennial. Shrub or dwarf shrub. Ht 0.5–4 m. Alt 1600–1950 m. N

emarginatum Dammer = **L. bosciifolium**

ferocissimum Miers
Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 90–1835 m. FS, L, WC, EC

glandulosissimum Schinz = **L. pilifolium**

grandicalyx Joubert & A.M.Venter
Perennial. Shrub or dwarf shrub. Ht 0.5–1 m. Alt ?–660 m. N, NC

hirsutum Dunal
L. pilosum Dammer (4)
Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 245–2000 m. N, NW, FS, NC, WC, EC

horridum Thunb.

L. echinatum Dunal (4)
L. kraussii Dunal (4)
L. leptacanthum C.H.Wright (4)
L. minutiflorum Dammer (4)
L. omahekense Dammer (4)
L. oxycladum Miers (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.8 m. Alt 5–1670 m. N, B, LIM, NW, G, M, FS, NC, WC, EC

inerme L.f. = **Canthium inerme**

karasbergense L.Bolus = **L. pumilum**

kraussii Dunal = **L. horridum**

lancifolium Dammer = **L. eenii**

leptacanthum C.H.Wright = **L. horridum**

marlothii Dammer = **L. tetrandrum**

mascarenense A.M.Venter & A.J.Scott
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 2–7 m. KZN

minutiflorum Dammer = **L. horridum**

namaquense Dammer = **L. bosciifolium**

omahekense Dammer = **L. horridum**

ovinum Dammer = **L. shawii**

oxycarpum Dunal
L. austrinum Miers (4)
Perennial. Shrub or occ. tree. Ht 0.5–5 m. Alt 120–1290 m. FS, NC, WC, EC

oxycladum Miers = **L. horridum**

pauciflorum Dammer = **L. bosciifolium**

pendulinum Miers = **L. acutifolium**

pilifolium C.H.Wright
L. dinteri Dammer (4)
L. glandulosissimum Schinz (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1015–1370 m. N, B, NW, FS, NC, EC

pilosum Dammer = **L. hirsutum**

prunus-spinosa Dunal = **L. cinereum**

pumilum Dammer
L. colletioides Dammer (4)
L. karasbergense L.Bolus (4)
L. salinicola I.Verd. (1, 4)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 15–1535 m. N, FS, NC, WC, EC

roridum Miers = **L. cinereum**

salinicola I.Verd. = **L. pumilum**

schaeferi Dammer = **L. bosciifolium**

schizocalyx C.H.Wright
Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 610–1600 m. N, B, LIM, NW, FS, NC, WC, EC

shawii Roem. & Schult.
L. albiflorum Dammer (4)
L. ovinum Dammer (4)
Perennial. Shrub or occ. small tree. Ht 1–4.5 m. Alt 155–915 m. B, LIM, M, S, KZN

squarrosum Dammer = **L. bosciifolium**

tenue Willd.
Perennial. Shrub. Ht 1–2 m. Alt 100–600 m. WC, EC

tetrandrum Thunb.
L. marlothii Dammer (4)
Perennial. Shrub. Ht 1–3 m. Alt 1–130 m. N, NC, WC

trothae Dammer = **L. eenii**

villosum Schinz
Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 1035–2100 m. N, B, NC

woodii Dammer = **L. cinereum**

*LYCOPERSICON Mill. 7407020

(1) Bailey. 1977. *Hortus third*: 689.
(2) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 187–200.

esculentum Mill. var. **cerasiforme** Hort.
Perennial. Trailing herb. Ht 0.3–3 m. Alt ?–150 m. S

pimpinellifolium (L.) Mill.
Solanum pimpinellifolium L. (2)
Annual. Dwarf shrub or herb. Ht 0.15–0.3 m. Alt? N

*NICANDRA Adans. 7377000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 268, 269.

physalodes (L.) Gaertn.
Atropa physalodes L. (1)
Annual. Shrub, dwarf shrub or herb. Ht 0.3–1.95 m. Alt 30–1675 m. N, LIM, NW, G, M, S, KZN, L, WC, EC

NICOTIANA L. 7434000

(1) Merxmüller. 1975. *Mitteilungen der Botanischen Staatssammlung München* 12: 91–94.
(2) Herman. 1990. *The Flowering Plants of Africa* 51: t. 2020.
(3) Shaw. 2000. *European garden flora* 6: 257–261.

africana Merxm.
Perennial. Herb. Ht 1.2–2.5 m. Alt 1400–2350 m. N

***glauca** Graham
Perennial. Shrub, occ. tree. Ht 1.2–5 m. Alt 45–1705 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

***longiflora** Cav.
Annual. Herb. Ht 0.4–1.4 m. Alt 15–1900 m. N, NW, G, FS, KZN, NC, EC

***tabacum** L.
Annual, occ. perennial. Shrub or herb. Ht up to 1.2 m. Alt 50–1465 m. LIM, KZN, WC, EC

*NIEREMBERGIA Ruiz & Pavón 7438000

(1) Shaw. 2000. *European garden flora* 6: 262, 263.

hippomanica Miers var. *violacea* Millan = **N. linariifolia** var. **glabriuscula**

linariifolia Graham var. **glabriuscula** (Dunal) Cocucci & Hunziker
N. hippomanica Miers var. *violacea* Millan (1)
Perennial. Herb. Ht 0.15–0.75 m. Alt ?–1500 m. NW, G, FS, WC, EC

*PHYSALIS L. 7401000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 272–275.
(2) Purdie *et al.* 1982. *Flora of Australia* 29: 179–184.

angulata L.
Annual. Herb. Ht 0.1–0.9 m. Alt 5–1850 m. N, B, LIM, NW, G, M, S, FS, L, KZN, NC, EC

minima L.
Annual. Herb. Ht 0.1–0.4 m. Alt 10–700 m. KZN

peruviana L.

Perennial. Shrub or herb. Ht 0.4–1.5 m. Alt 20–1980 m. N, LIM, NW, G, M, S, KZN, L, WC, EC

philadelphica Lam.
Annual. Herb. Ht 0.1–0.5 m. Alt? KZN

somnifera L. = **Withania somnifera**

viscosa L.
Perennial. Herb. Ht 0.05–0.3 m. Alt 15–1830 m. NW, G, M, FS, KZN, L, WC, EC

SOLANUM L. 7407000

(1) Merxmüller. 1969. *FSWA* 124: 9–17.
(2) D'Arcy. 1973. *Annals of the Missouri Botanical Garden* 60: 708.
(3) Jaeger. 1985. *Systematic studies in the genus* Solanum *in Africa*. Unpublished Ph.D. thesis, University of Birmingham, Birmingham.
(4) Hepper & Jaeger. 1986. *Kew Bulletin* 41: 433–435.
(5) Gonçalves. 1996. *Kirkia* 16: 85–94.
(6) Edmonds & Chweya. 1997. *Black nightshades,* Solanum nigrum *L. and related species*. IPGRI Publication 15.
(7) Lester. 1998. *List of types in* Solanum. Unpublished electronic list.
(8) Nee. 2001. *Index to* Solanum *epithets*. Unpublished electronic list.

acanthoideum Drège ex Dunal = **S. macrocarpon**

aculeastrum Dunal subsp. **aculeastrum**
Perennial. Shrub, tree. Ht 1–5 m. Alt 275–1780 m. LIM, M, S, KZN, WC, EC

aculeatissimum Jacq.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 360–2025 m. LIM, NW, G, M, FS, KZN, L, WC, EC

africanum Mill.
S. aggerum Dunal? (8)
S. crassifolium Lam. (7)
S. exasperatum Drège ex Dunal (8)
S. geniculatum Drège ex Dunal (8)
S. quadrangulare L.f. (8)
Perennial. Shrub, climber. Ht 1–3 m. Alt 5–200 m. KZN, WC, EC

aggerum Dunal? = **S. africanum**

aggregatum Jacq. = **S. guineense**

***americanum** Mill.
S. nodiflorum Jacq. (6)
Annual. Herb. Ht 0.5–1.5 m. Alt 10–2500 m. N, B, LIM, NW, G, M, KZN, L, EC

anguivi Lam.
S. indicum of authors, not of L., concept invalid (3)
S. urosepalum Dammer (8)
Perennial. Shrub. Ht 1–2 m. Alt 915–1070 m. LIM, M, S, KZN

aranoideum Dammer = **S. supinum** var. **supinum**

auriculatum Aiton = **S. mauritianum**

bifurcum Hochst. ex Dunal = **S. terminale** subsp. **terminale**

burbankii Bitter? = **S. retroflexum**

burchellii Dunal
S. rangei Dammer (3)
S. schaeferi Dammer (3)
S. tomentosum L. var. *burchellii* (Dunal) Wright (1)
Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 550–1400 m. N, NW?, NC

capense L.
Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 600–1200 m. KZN, EC

***capsicoides** Allioni
S. ciliatum Lam. (3)
S. macowanii Fourc. (3)
Perennial. Shrub, subshrub. Ht 0.5–1 m. Alt 5–15 m. KZN

catombelense Peyr.
S. rautanenii Schinz (1)
S. sparsiflorum Dammer (1)
Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 190–1400 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

***chenopodioides** Lam.
S. gracile Dunal (6)
Annual, perennial. Herb. Ht 0.3–1 m. Alt 30–2440 m. G, FS, KZN, L, NC, EC

chondropetalum Dammer = **S. tettense** var. **renschii**

***chrysotrichum** Schltdl.
S. hispidum of authors, not of Pers. (7)
Perennial. Shrub, tree. Ht 1–4 m. Alt ?–250 m. EC

ciliatum Lam. = **S. capsicoides**

coccineum Jacq. = **S. tomentosum** var. **coccineum**

crassifolium Lam. = **S. africanum**

damarense Bitter
Perennial. Shrub or dwarf shrub. Ht 0.4–1 m. Alt? N

dasyphyllum Schum. & Thonn. = **S. macrocarpon**

dasypus Drège ex Dunal = **S. guineense**

delagoense Dunal
S. omahekense Dammer (1)
S. omitiomirense Dammer (1)
Perennial. Shrub or dwarf shrub. Ht 0.5–1.5 m. Alt 60–1670 m. N, B, LIM, NW, G, M, S, KZN, EC?

denudatum Bitter = **S. rigescentoides**

didymanthum Dunal = **S. rubetorum**

dinteri Bitter
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt ?–1000 m. N

duplosinuatum Klotzsch = **S. macrocarpon**

***elaeagnifolium** Cav.
Perennial. Shrub or dwarf shrub. Ht 0.1–0.6 m. Alt 915–1370 m. N, LIM, NW, G, FS, KZN, WC, EC

exasperatum Drège ex Dunal = **S. africanum**

ferrugineum Jacq. = **S. torvum**

geniculatum Drège ex Dunal = **S. africanum**

giftbergense Dunal
Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 600–915 m. N, NC

giganteum Jacq.
S. niveum Thunb. (3)
Perennial. Tree, shrub. Ht 1–4 m. Alt 5–2000 m. LIM, NW, G, M, S, KZN, WC, EC

goetzei Dammer
Perennial. Shrub. Ht 1–2 m. Alt 60–100 m. KZN

gracile Dunal = **S. chenopodioides**

guineense L.
S. aggregatum Jacq. (3)
S. dasypus Drège ex Dunal (8)
Perennial. Shrub or dwarf shrub. Ht 0.5–1.5 m. Alt 15–670 m. NC, WC, EC

hermannii of authors, concept invalid = **S. linnaeanum**

heterandrum Pursh = **S. rostratum**

hispidum of authors, not of Pers. = **S. chrysotrichum**

incanum of authors, not of L. = **S. lichtensteinii**

indicum of authors, not of L., concept invalid = **S. anguivi**

jasminoides Paxton = **S. laxum**

kwebense N.E.Br. ex C.H.Wright = **S. tettense** var. **renschii**

***laxum** Spreng.
S. jasminoides Paxton (8)
Perennial. Climber, herb. Ht 0.5–1 m. Alt ?–795 m. WC, EC

leucophaeum Dunal = **S. supinum** var. **leucophaeum**

lichtensteinii Willd.
S. incanum of authors, not of L. (3)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 150–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

linnaeanum Hepper & Jaeger
S. hermannii of authors, concept invalid (4)
S. sodomeum of authors, concept invalid (4)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–1670 m. WC, EC

litoraneum A.E.Gonç.
Perennial. Shrub, subshrub, climber. Ht 0.2–1 m. Alt 5–200 m. KZN

luederitzii Schinz = **S. tettense** var. **renschii**

lyratifolium Dammer = **S. supinum** var. **supinum**

macowanii Fourc. = **S. capsicoides**

macrocarpon L.
S. acanthoideum Drège ex Dunal (8)
S. dasyphyllum Schum. & Thonn. (8)
S. duplosinuatum Klotzsch (8)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 35–1525 m. KZN, EC

***mauritianum** Scop.
S. auriculatum Aiton (3)
Perennial. Shrub, tree. Ht 1–10 m. Alt 5–1510 m. LIM, NW, G, M, S, KZN, WC, EC

miniatum Bernh. ex Willd. = **S. villosum** subsp. **miniatum**

multiglandulosum Bitter
Perennial. Shrub or dwarf shrub. Ht 0.4–1.2 m. Alt 700–1525 m. N

namaquense Dammer
Perennial. Shrub or dwarf shrub. Ht 0.3–0.8 m. Alt 900–1290 m. N, B, FS, NC

***nigrum** L.
Annual. Herb. Ht 0.3–0.85 m. Alt 15–2685 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

niveum Thunb. = **S. giganteum**

nodiflorum Jacq. = **S. americanum**

omahekense Dammer = **S. delagoense**

omitiomirense Dammer = **S. delagoense**

panduriforme E.Mey.
Perennial. Shrub or dwarf shrub, herb. Ht 0.2–0.6 m. Alt 1170–2070 m. LIM, NW, G, M, FS, KZN, L, NC

pimpinellifolium L. = **Lycopersicon pimpinellifolium**

***pseudocapsicum** L.
Perennial. Shrub. Ht 0.5–2.5 m. Alt 60–2200 m. LIM, NW, G, M, FS, KZN, L, WC, EC

quadrangulare L.f. = **S. africanum**

rangei Dammer = **S. burchellii**

rautanenii Schinz = **S. catombelense**

renschii Vatke = **S. tettense** var. **renschii**

retroflexum Dunal
S. burbankii Bitter? (6)
Annual. Herb. Ht 0.15–0.9 m. Alt 10–2730 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rigescentoides Hutch.
S. denudatum Bitter (1)
Perennial. Shrub. Ht 0.5–2 m. Alt 320–1220 m. N

rogersii S.Moore = **S. sisymbriifolium**

***rostratum** Dunal
S. heterandrum Pursh (8)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–1500 m. G, FS, NC, EC

rubetorum Dunal
S. didymanthum Dunal (8)
Perennial. Shrub. Ht 0.5–2 m. Alt 5–2075 m. LIM, NW, G, M, FS, KZN, WC, EC

***sarrachoides** Sendtn.
Annual. Herb. Ht 0.3–0.75 m. Alt 5–1435 m. EC

schaeferi Dammer = **S. burchellii**

***seaforthianum** Andrews var. **disjunctum** O.E.Schulz
Perennial. Climber. Ht 1–3 m. Alt 5–1430 m. N, B, LIM, G, M, S, KZN

***sisymbriifolium** Lam.
S. rogersii S.Moore (3)
Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 5–1740 m. NW, G, M, S, FS, KZN, EC

sodomaeodes Kuntze
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2000 m. G, M, FS, KZN, L

sodomeum of authors, concept invalid = **S. linnaeanum**

sparsiflorum Dammer = **S. catombelense**

supinum Dunal var. **leucophaeum** (Dunal) Bitter
S. leucophaeum Dunal (3)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1160–1250 m. EC

supinum Dunal var. **supinum**
S. aranoideum Dammer (3)
S. lyratifolium Dammer (3)
Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 915–1800 m. N, B, LIM, NW, G, FS, L, NC, EC

tenuiramosum Dammer = **S. tettense** var. **renschii**

terminale Forssk. subsp. **terminale**
S. bifurcum Hochst. ex Dunal (8)
Perennial. Shrub, climber. Ht 1–4 m. Alt 5–1980 m. LIM, M, S, KZN, EC

tettense Klotzsch var. **renschii** (Vatke) A.E.Gonç.
S. chondropetalum Dammer (1)
S. kwebense N.E.Br. ex C.H.Wright (5)
S. luederitzii Schinz (1)
S. renschii Vatke (5)
S. tenuiramosum Dammer (1)
S. upingtoniae Schinz (1)
Perennial. Shrub, herb. Ht 0.5–3 m. Alt 335–1370 m. N, B, LIM, M

tettense Klotzsch var. **tettense**
Perennial. Shrub, herb. Ht 0.5–3 m. Alt? B

tomentosum L. var. *burchellii* (Dunal) Wright = **S. burchellii**

tomentosum L. var. **coccineum** (Jacq.) Willd.
S. coccineum Jacq. (3)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 20–1730 m. FS, WC, EC

tomentosum L. var. **tomentosum**
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 10–1785 m. FS, L, NC, WC, EC

torreanum A.E.Gonç.
Perennial. Shrub, herb, climber. Ht 0.5–1.5 m. Alt 20–330 m. M, S, KZN

***torvum** Swartz
S. ferrugineum Jacq. (2)
Perennial. Shrub, tree. Ht 1–4 m. Alt 10–200 m. KZN

***triflorum** Nutt.
Annual, perennial. Herb, suffrutex. Ht 0.3–0.5 m. Alt ?–2000 m. FS, L, NC, WC, EC

***tuberosum** L.
Perennial. Herb. Ht 0.3–1 m. Alt 1650–2670 m. G, L

upingtoniae Schinz = **S. tettense** var. **renschii**

urosepalum Dammer = **S. anguivi**

usaramense Dammer
Perennial. Climber. Ht 1–5 m. Alt 5–30 m. KZN

***viarum** Dunal
Perennial. Subshrub. Ht 0.5–1 m. Alt 570–835 m. S, KZN

***villosum** Mill. subsp. **miniatum** (Bernh. ex Willd.) Edmonds
S. miniatum Bernh. ex Willd. (6)
Annual, perennial? Herb. Ht 0.2–0.5 m. Alt 5–2440 m. G, NC, EC

***villosum** Mill. subsp. **villosum**
Annual, perennial? Herb. Ht 0.2–0.5 m. Alt 5–2440 m. G, NC, EC

WITHANIA Pauquy 7400000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 286, 287.

microphysalis Suess. = **W. somnifera**

somnifera (L.) Dunal
Physalis somnifera L. (1)
W. microphysalis Suess. (1)
Perennial. Shrub or dwarf shrub, herb. Ht 0.2–2 m. Alt 15–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

SPHENOCLEACEAE

Compiled by W.G. Welman

SPHENOCLEA Gaertn. 8680000

(1) Welman. 2000. *Bothalia* 30: 31–33.

zeylanica Gaertn.
Annual. Herb, hygrophyte. Ht 0.65–1.5 m. Alt 20–1500 m. N, B, M, S, KZN

STERCULIACEAE

Compiled by C.L. Bredenkamp

COLA Schott & Endl. 5091000

(1) Verdoorn. 1981. *Bothalia* 13: 277–279.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 179, 180.

greenwayi Brenan var. **greenwayi**
C. microcarpa Brenan (1)
Perennial. Tree. Ht 1.67–21.33 m. Alt 25–1730 m. M, S, KZN

microcarpa Brenan = **C. greenwayi** var. **greenwayi**

natalensis Oliv.
Perennial. Tree. Ht 3–15 m. Alt 15–610 m. S, KZN, EC

DOMBEYA Cav. 5053000

(1) Baker. 1884. *Journal of the Linnean Society, Botany* 21: 325, 326.
(2) Schumann. 1900. *Monographieen Afrikanischer Pflanzen-familien und Gattungen* 5: 18–40.
(3) Verdoorn. 1953. *The Flowering Plants of Africa* 29: t. 1143.
(4) Arènes. 1958. *Candollea* 16: 247–464.
(5) Wild. 1961. *FZ* 1: 537–549.
(6) Verdoorn. 1967. *The Flowering Plants of Africa* 38: t. 1489.
(7) Friedrich Holzhammer *et al.* 1973. *FSWA* 84: 2, 3.
(8) Verdoorn. 1984. *The Flowering Plants of Africa* 48: t. 1896.
(9) Verdoorn. 1986. *The Flowering Plants of Africa* 49: t. 1921.
(10) Verdoorn & Herman. 1986. *Bothalia* 16: 1–9.
(11) Seyani. 1991. *Opera Botanic Belgica* 2: 1–189.
(12) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 180, 181.

autumnalis I.Verd.
Perennial. Tree, shrub. Ht 1.82–5 m. Alt 600–1370 m. LIM, M

burgessiae Gerrard ex Harv.
D. burgessiae Gerrard ex Harv. var. *crenulata* Szyszyl. (11)
D. calantha K.Schum. (11)
D. elegans K.Schum. in part (11)
Perennial. Shrub. Ht 0.91–4.09 m. Alt 45–1675 m. LIM, M, S, KZN

burgessiae Gerrard ex Harv. var. *crenulata* Szyszyl. = **D. burgessiae**

calantha K.Schum. = **D. burgessiae**

cymosa Harv.
Perennial. Tree, shrub. Ht 1.21–7.62 m. Alt 3–1485 m. LIM, M, S, KZN, EC

damarana K.Schum. = **D. rotundifolia** var. **rotundifolia**

densiflora Planch. ex Harv. = **D. rotundifolia** var. **rotundifolia**

dinteri Schinz = **D. rotundifolia** var. **rotundifolia**

dregeana Sond. = **D. tiliacea**

elegans K.Schum. in part = **D. burgessiae**

elegans K.Schum. in part = **D. tiliacea**

kirkii Mast.
Perennial. Shrub. Ht 1–4.57 m. Alt up to 1000 m. LIM, KZN

natalensis Sond. = **D. tiliacea**

pulchra N.E.Br.
Perennial. Shrub. Ht 1–4 m. Alt 395–1920 m. LIM, G, M, KZN

quinqueseta (Delile) Exell
Perennial. Tree, shrub. Ht up to 0.5 m. Alt? N

rotundifolia (Hochst.) Planch. var. **rotundifolia**
D. damarana K.Schum. (7)
D. densiflora Planch. ex Harv. (5)
D. dinteri Schinz (7)
Perennial. Tree, shrub. Ht 2–10 m. Alt 60–2135 m. N, B, LIM, NW, G, M, S, KZN

rotundifolia (Hochst.) Planch. var. **velutina** I.Verd.
Perennial. Shrub. Ht up to 5 m. Alt up to 1100 m. N

tiliacea (Endl.) Planch.
D. dregeana Sond. (10)
D. elegans K.Schum. in part (10)
D. natalensis Sond. (10)
Perennial. Tree, shrub. Ht 2–9.14 m. Alt 15–1525 m. KZN, EC

HERMANNIA L. 5056000

(1) Schumann. 1900. *Monographieen Afrikanischer Pflanzen-familien und Gattungen* 5: 47–87.
(2) Dyer. 1954. *The Flowering Plants of Africa* 30: t. 1169.
(3) Wild. 1961. *FZ* 1: 537–549.
(4) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1539.
(5) Verdoorn. 1971. *The Flowering Plants of Africa* 41: tt. 1620, 1628.
(6) Merxmüller. 1973. *FSWA* 84: 3–23.
(7) De Winter. 1974. *Bothalia* 11. 263, 264.
(8) Verdoorn. 1976. *The Flowering Plants of Africa* 43: tt. 1691, 1718.
(9) Verdoorn. 1980. *Bothalia* 13: 1–63.
(10) De Winter. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 401.
(11) Verdoorn. 1986. *The Flowering Plants of Africa* 49: t. 1922.
(12) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 182.

abrotanoides Schrad.
H. halicacaba DC. (9)
H. multifida DC., superfluous name (9)
Mahernia bipinnata L. var. *bipinnata* (12)
Mahernia multifida (DC.) Harv. (12)
Perennial. Herb. Ht 0.08–0.3 m. Alt 885–2700 m. N, NC

abyssinica (Harv.) K.Schum. = **H. stellulata**

adenotricha K.Schum. = **H. stellulata**

affinis K.Schum.
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 530–900 m. N, NC, WC

alnifolia L.
Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 76–1676 m. NC, WC

althaeifolia L.
Annual, occ. perennial. Herb. Ht 0.1–0.9 m. Alt 61–1676 m. NC, WC, EC

althaeoides Link
H. candicans in sense of Harv. in part, not of Aiton, misapplied name (9)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 6–671 m. FS, NC, WC, EC

amabilis Marloth ex K.Schum.
Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 305–1830 m. N

amoena Dinter ex Friedr.-Holzh.
Perennial. Dwarf shrub. Ht 0.3–0.91 m. Alt 215–1200 m. N, NC, WC

angolensis K.Schum. = **H. eenii**

angularis Jacq.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 10–610 m. WC

antonii I.Verd.
Perennial. Herb. Ht ± 0.15 m. Alt ± 1936 m. LIM, M

arabica Hochst. & Steud. ex Fisch. = **H. modesta**

argentea Sm. = **H. pulverata**

argillicola Dinter ex Friedr.-Holzh.
Annual, occ. perennial. Herb. Ht ± 0.25 m. Alt? N

asbestina Schltr. = **H. spinosa**

aspera J.C.Wendl.
Perennial. Shrub. Ht 0.45–2 m. Alt 300–1065 m. NC, WC

aspericaulis Dinter & Engl. = **H. spinosa**

auricoma (Szyszyl.) K.Schum.
H. medleyi Engl. (12)
Annual, occ. perennial. Herb. Ht ± 0.3 m. Alt 535–1065 m. M, S, KZN

ausana Dinter = **H. comosa**

betonicifolia Eckl. & Zeyh. = **H. geniculata**

bicolor Engl. & Dinter
Perennial. Herb. Ht 0.1–0.3 m. Alt 914–1372 m. N, B, FS, NC

bolusii Szyszyl. = **H. pulverata**

boraginiflora Hook.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 168–1700 m. N, B, LIM, NW, G, M, S, NC

brachymalla K.Schum.
Perennial. Prostrate herb. Length ± 0.3 m. Alt up to 2000 m. M

brachypetala Harv. = **H. tomentosa**

brandtii Engl. ex Dinter, seminaked name = **H. eenii**

bryoniifolia Burch.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1300 m. FS, NC, EC

burchellii (Sweet) I.Verd.
Mahernia grandiflora DC. var. *burchellii* Harv. (12)
Perennial. Shrub, dwarf shrub. Ht 0.45–1.15 m. Alt 800–1220 m. N, B, FS, NC

burkei Burtt Davy
Perennial. Herb, climber. Ht 0.15–0.6 m. Alt 550–1420 m. B, LIM, NW, FS, NC, WC, EC

cana K.Schum. = **H. pulverata**

candicans Aiton = **H. incana**

candicans in sense of Harv. in part, not of Aiton, misapplied name = **H. althaeoides**

candidissima A.Spreng. = **H. vestita**

cavanillesiana Eckl. & Zeyh. in part = **H. lavandulifolia**

cavanillesiana in sense of Harv. in part, not of Eckl. & Zeyh., misapplied name = **H. diversistipula** var. **graciliflora**

cernua Thunb.
Mahernia nana Eckl. & Zeyh. (12)
Annual, occ. perennial. Herb. Ht 0.05–0.25 m. Alt 230–2800 m. NW, M, FS, L, NC, WC, EC

chrysantha E.Mey. ex Turcz., not of Harv. = **H. geniculata**

chrysanthemifolia E.Mey. ex Harv. = **H. paucifolia**

chrysophylla Eckl. & Zeyh. in part = **H. involucrata**

chrysophylla Eckl. & Zeyh. in part = **H. salviifolia** var. **salviifolia**

citrusdalensis Pillans ms. (never published)
WC

coccocarpa (Eckl. & Zeyh.) Kuntze
Mahernia coccocarpa Eckl. & Zeyh. (12)
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 640–2590 m. NW, M, FS, KZN, L, NC, WC, EC

collina Schltdl. = **H. stipitata**

comosa Burch. ex DC.
H. ausana Dinter (9)
H. leucophylla C.Presl (9)
Perennial. Herb. Ht 0.1–1.06 m. Alt 105–2000 m. N, B, NW, M, FS, NC, WC, EC

complicata Engl.
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt ± 700 m. N

concinnifolia I.Verd.
Perennial. Dwarf shrub. Ht 0.15–0.9 m. Alt 30–300 m. WC

confusa T.M.Salter
H. tenuifolia Eckl. & Zeyh., not of Sims (9)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 130–765 m. NC, WC, EC

conglomerata Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 20–610 m. WC, EC

cordata (E.Mey. ex E.Phillips) De Winter
Annual, occ. perennial. Herb. Ht ± 0.1 m. Alt ± 1750 m. NW, FS, EC

cordifolia Harv.
Perennial. Dwarf shrub. Ht ± 1 m. Alt? M, FS

cristata Bolus
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 762–2000 m. LIM, M, S, FS, KZN, EC

cuneifolia in sensc of Harv. in part, not of Jacq., misapplied name = **H. multiflora**

cuneifolia Jacq. var. **cuneifolia**
H. pallens Eckl. & Zeyh. (6)
Perennial. Dwarf shrub. Ht 0.05–0.9 m. Alt 30–2250 m. L, NC, WC, EC

cuneifolia Jacq. var. **glabrescens** (Harv.) I.Verd.
H. pallens Eckl. & Zeyh. var. *glabrescens* Harv. in part (9)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1980 m. FS, L, NC, WC, EC

damarana Baker f.
H. lindquistii Engl. (9)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1150 m. N, B, NW

decipiens E.Mey. ex Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.3 m. Alt 150–1370 m. WC, EC

decumbens Willd. ex Spreng.
H. decumbens Willd. ex Spreng. var. *argyrata* (C.Presl) Harv. (9)
H. decumbens Willd. ex Spreng. var. *collina* (Eckl. & Zeyh.) Harv. (9)
H. decumbens Willd. ex Spreng. var. *hispida* Harv. (9)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 5–355 m. WC

decumbens Willd. ex Spreng. var. *argyrata* (C.Presl) Harv. = **H. decumbens**

decumbens Willd. ex Spreng. var. *collina* (Eckl. & Zeyh.) Harv. = **H. decumbens**

decumbens Willd. ex Spreng. var. *hispida* Harv. = **H. decumbens**

denudata L.f. var. **denudata**
Perennial. Shrub. Ht 0.6–2 m. Alt 450–1220 m. NC, WC

denudata L.f. var. **erecta** (N.E.Br.) Burtt Davy & Greenway
H. erecta N.E.Br. (9)
Perennial. Shrub, dwarf shrub. Ht 0.4–2 m. Alt up to 1340 m. LIM, M

depressa N.E.Br.
Mahernia erodioides Burch. ex DC. var. *latifolia* Harv. (3)
Perennial. Herb. Ht 0.03–0.4 m. Alt 90–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

desertorum Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 30–1370 m. N, NC, WC, EC

diffusa L.f.
Mahernia bipinnata L. var. *acutifolia* Harv. (7)
Mahernia bipinnata L. var. *glandulosa* Harv. (7)
Mahernia pilosula Harv. (7)
Mahernia pilosula Harv. var. *latifolia* Harv. (7)
Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 185–975 m. N, NC, WC, EC

disermifolia Jacq.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 170–1065 m. N, NC, WC

disticha Schrad.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 270–610 m. WC

diversistipula C.Presl ex Harv. var. **diversistipula**
H. diversistipula C.Presl ex Harv. var. *nana* Harv. (9)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 60–460 m. N, WC, EC

diversistipula C.Presl ex Harv. var. **graciliflora** I.Verd.
H. cavanillesiana in sense of Harv. in part, not of Eckl. & Zeyh., misapplied name (12)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 15–700 m. WC, EC

diversistipula C.Presl ex Harv. var. *nana* Harv. = **H. diversistipula** var. **diversistipula**

dryadiphylla (Eckl. & Zeyh.) Harv. = **H. muricata**

eenii Baker f.
H. angolensis K.Schum. (9)
H. brandtii Engl. ex Dinter, seminaked name (9)
H. seineri Engl. var. *latifolia* Engl. (9)
Perennial. Herb. Ht ± 0.5 m. Alt 260–1372 m. N, B, NW, NC

elliottiana (Harv.) K.Schum.
Mahernia elliottiana Harv. (6)
Perennial. Dwarf shrub. Ht 0.45–0.55 m. Alt up to 1830 m. N

engleri Schinz
H. seitziana Engl. (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 30–900 m. N, B

erecta N.E.Br. = **H. denudata** var. **erecta**

erodioides (Burch. ex DC.) Kuntze
H. resedifolia (Burch.) R.A.Dyer (12)
Mahernia erodioides Burch. ex DC. (12)
Mahernia resedaefolia Burch. (12)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 900–1500 m. N, B, NW, G, FS, L, NC, WC, EC

exilis Burtt Davy = **H. stellulata**

exstipulata E.Mey. ex Harv. = **H. gariepina**

filifolia L.f. var. **filifolia**
H. filifolia L.f. var. *passerinoides* Harv. (9)
H. gilfillanii N.E.Br. (9)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 100–1830 m. FS, NC, WC, EC

filifolia L.f. var. **grandicalyx** I.Verd.
H. linifolia in sense of Harv., not of Burm.f., misapplied name (9)
Perennial. Dwarf shrub. Ht 0.1–0.91 m. Alt 305–1402 m. NC, WC, EC

filifolia L.f. var. *passerinoides* Harv. = **H. filifolia** var. **filifolia**

filifolia L.f. var. **robusta** I.Verd.
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–610 m. WC, EC

filipes Harv. = **H. modesta**

flammea Jacq.
H. orophila Eckl. & Zeyh. (9)
Perennial. Dwarf shrub. Ht 0.07–0.65 m. Alt 5–1158 m. NC, WC, EC

flammula Harv.
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 45–1005 m. WC, EC

floribunda Harv.
Perennial. Shrub, dwarf shrub. Ht 0.6–1.2 m. Alt 950–1705 m. LIM, NW, G, M, L

fruticulosa K.Schum.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 975–1100 m. N, NC

gariepina Eckl. & Zeyh.
H. exstipulata E.Mey. ex Harv. (9)
H. nivea Schinz (9)
Perennial. Dwarf shrub. Ht 0.22–0.91 m. Alt 90–1500 m. N, FS, NC

geminiflora Dinter & Engl. = **H. stellulata**

geniculata Eckl. & Zeyh.
H. betonicifolia Eckl. & Zeyh. (12)
H. chrysantha E.Mey. ex Turcz., not of Harv. (12)
Mahernia betonicifolia (Eckl. & Zeyh.) Harv. (12)
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt 518–2060 m. LIM, G, M, FS, KZN, L, EC

gerrardii Harv.
H. macowanii (Szyszyl.) Schinz (12)
Mahernia chrysantha Planch. ex Harv., not of E.Mey. in Turcz. (12)
Perennial. Herb. Ht ± 0.3 m. Alt up to 1705 m. NW, M, KZN, EC

gilfillanii N.E.Br. = **H. filifolia** var. **filifolia**

glabrata L.f.
H. linearis (Harv.) Hochr. (7)
Mahernia glabrata (L.f.) Cav. (7)
Mahernia linearis Harv. (7)
Perennial. Dwarf shrub. Ht 0.15–0.76 m. Alt 15–1465 m. KZN, NC, WC, EC

glanduligera K.Schum.
H. viscosa in sense of Burtt Davy, not of Hiern, misapplied name (9)
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 151–1870 m. N, B, LIM, NW, G, M, S, KZN, NC

glandulosissima Engl.
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt? N

gracilis Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 91–1035 m. NC, WC, EC

grandiflora Aiton
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 335–1400 m. NC, WC, EC

grandifolia N.E.Br.
Annual, occ. perennial. Herb. Ht 0.35–0.5 m. Alt 455–1770 m. LIM, G, M, S, KZN

grandistipula (Buchinger ex Hochst.) K.Schum.
Mahernia grandistipula Buchinger ex Hochst. (12)
Perennial. Herb. Ht 0.1–0.3 m. Alt 5–1830 m. NW, G, M, S, KZN, EC

grisea Schinz
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 795–1290 m. LIM, NW, G, M

grossularifolia L.
H. vesicaria Cav. (7)
Mahernia ovata E.Mey. ex Turcz. (7)
Mahernia vesicaria (Cav.) DC. (7)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 107–2743 m. WC

guerkeana K.Schum.
Perennial. Dwarf shrub. Ht 0.2–0.63 m. Alt 765–930 m. N, B

halicacaba DC. = **H. abrotanoides**

helianthemum K.Schum.
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt? N, NC, WC

helicoidea I.Verd.
Perennial. Dwarf shrub. Ht? Alt up to 330 m. WC

heterophylla (Cav.) Thunb.
H. humifusa Hochr. (12)
H. humilis Thunb. (12)
Mahernia heterophylla Cav. (12)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 30–335 m. NC, WC

hirsuta Schrad., not of Mill. = **H. repetenda**

hispidula Rchb.f.
Perennial. Suffrutex, branches ascending. Length ± 0.3 m. Alt up to 300 m. WC

holosericea Jacq.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 50–457 m. WC, EC

holubii Burtt Davy = **H. modesta**

humifusa Hochr. = **H. heterophylla**

humilis Thunb. = **H. heterophylla**

hyssopifolia L.
Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 5–700 m. WC, EC

hyssopifolia L. var. *integerrima* Schinz = **H. salviifolia** var. **oblonga**

incana Cav.
H. candicans Aiton (9)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.82 m. Alt 215–1005 m. NC, WC, EC

involucrata Cav.
H. chrysophylla Eckl. & Zeyh. in part (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 155–1065 m. WC, EC

jacobeifolia (Turcz.) R.A.Dyer
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1280 m. N, G, M, FS, KZN, NC, WC

johanssenii N.E.Br.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 700–1585 m. NC, WC

joubertiana Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 5–550 m. WC

juttae Dinter & Engl.
H. rehobothensis Friedr.-Holzh. (9)
Perennial. Herb. Ht up to 0.45 m. Alt? N

kirkii Mast. = **H. modesta**

lacera (E.Mey. ex Harv.) Fourc.
Mahernia scabra Eckl. & Zeyh., not of *H. scabra* Cav. (12)
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 15–1370 m. NC, WC, EC

lancifolia Szyszyl.
Mahernia angustifolia in sense of Harv., not of Turcz., misapplied name (12)
Mahernia tomentosa Harv. in part, not of Turcz. (9)
Perennial. Herb. Ht 0.05–0.5 m. Alt up to 2200 m. LIM, NW, G, M, FS

latifolia Jacq. = **H. salviifolia** var. **salviifolia**

lavandulifolia L.
H. cavanillesiana Eckl. & Zeyh. in part (9)
Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 15–1000 m. WC

leucantha Schltdl.
Annual. Herb. Ht up to 0.4 m. Alt up to 245 m. N, NC

leucophylla C.Presl = **H. comosa**

lindquistii Engl. = **H. damarana**

linearifolia Harv.
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 167–1465 m. NW, FS, NC, WC, EC

linearis (Harv.) Hochr. = **H. glabrata**

linifolia Burm.f.
H. scoparia (Eckl. & Zeyh.) Harv. (9)
Perennial. Suffrutex, decumbent. Ht ± 0.3 m. Alt 30–1280 m. WC, EC

linifolia in sense of Harv., not of Burm.f., misapplied name = **H. filifolia** var. **grandicalyx**

linnaeoides (Burch.) K.Schum.
Mahernia linnaeoides Burch. (12)
Perennial. Herb. Ht ± 0.1 m. Alt up to 1370 m. B, NW, FS, NC, WC, EC

litoralis I.Verd. (insufficiently known)
Perennial. Herb. Ht ± 0.3 m. Alt up to 1387 m. WC

longiramosa Engl. = **H. tomentosa**

lugardii N.E.Br. = **H. modesta**

macowanii (Szyszyl.) Schinz = **H. gerrardii**

macra Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.76 m. Alt 40–855 m. N, NC

malvifolia N.E.Br.
Perennial. Herb. Ht up to 0.3 m. Alt up to 2440 m. KZN

marginata (Turcz.) Pillans
Perennial. Herb. Ht up to 0.25 m. Alt 700–1350 m. NC, WC

medleyi Engl. = **H. auricoma**

merxmuelleri Friedr.-Holzh.
Perennial. Shrub. Ht ± 2 m. Alt? N

micans Schrad. = **H. salviifolia** var. **salviifolia**

micrantha Adamson
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 230–305 m. WC

micropetala Harv.
Perennial. Dwarf shrub. Ht 0.6–0.76 m. Alt up to 75 m. KZN

mildbraedii Dinter = **H. tigrensis**

minimifolia Friedr.-Holzh.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt up to 800 m. N

minutiflora Engl.
Perennial. Dwarf shrub. Ht 0.03–0.6 m. Alt 100–2116 m. N, NC

modesta (Ehrenb.) Mast.
H. arabica Hochst. & Steud. ex Fisch. (9)
H. filipes Harv. (9)
H. holubii Burtt Davy (9)
H. kirkii Mast. (9)
H. lugardii N.E.Br. (9)
Perennial. Dwarf shrub, herb. Ht 0.05–1 m. Alt 155–2000 m. N, B, LIM, NW, FS, NC, WC, EC

montana N.E.Br.
H. rogersii Burtt Davy (12)
Perennial. Dwarf shrub. Ht 0.06–0.3 m. Alt up to 2255 m. LIM, M

mucronulata Turcz.
Perennial. Dwarf shrub. Ht 0.45–1.25 m. Alt 305–655 m. EC

muirii Pillans
Perennial. Dwarf shrub. Ht 0.38–0.5 m. Alt 155–366 m. WC

multifida DC., superfluous name = **H. abrotanoides**

multiflora Jacq.
H. cuneifolia in sense of Harv. in part, not of Jacq., misapplied name (9)
Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 5–1036 m. FS, NC, WC, EC

muricata Eckl. & Zeyh.
H. dryadiphylla (Eckl. & Zeyh.) Harv. (9)
Perennial. Dwarf shrub. Ht 0.3–0.61 m. Alt 365–945 m. NC, WC, EC

myrrhifolia Thunb. = **H. procumbens** subsp. **myrrhifolia**

natalensis Szyszyl. = **H. oblongifolia**

nivea Schinz = **H. gariepina**

oblongifolia (Harv.) Hochr.
H. natalensis Szyszyl. (12)
Mahernia oblongifolia Harv. (12)
Perennial. Herb. Ht ± 0.07 m. Alt up to 1675 m. G, M, FS, KZN, EC

odorata Aiton
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 300–1220 m. WC, EC

oligantha T.M.Salter = **H. rigida**

oligosperma K.Schum.
Perennial. Dwarf shrub. Ht up to 1.22 m. Alt up to 2135 m. KZN, L

orophila Eckl. & Zeyh. = **H. flammea**

pallens Eckl. & Zeyh. = **H. cuneifolia** var. **cuneifolia**

pallens Eckl. & Zeyh. var. *glabrescens* Harv. in part = **H. cuneifolia** var. **glabrescens**

parviflora Eckl. & Zeyh.
Mahernia parviflora (Eckl. & Zeyh.) Harv. (12)
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 15–2161 m. M, FS, KZN, L, EC

parvula Burtt Davy
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 800–1675 m. B, LIM, NW, G, M

patellicalyx Engl. = **H. pfeilii**

patula Harv. = **H. scabra**

paucifolia Turcz.
H. chrysanthemifolia E.Mey. ex Harv. (9)
Perennial. Dwarf shrub. Ht 0.12–0.4 m. Alt 260–1065 m. N, NC, WC

pedunculata E.Phillips = **H. scabra**

pfeilii K.Schum.
H. patellicalyx Engl. (9)
Perennial. Dwarf shrub. Ht 0.25–0.76 m. Alt 60–660 m. N, NC

pillansii Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1300 m. WC

pinnata L.
Mahernia verticillata L. (7)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 5–365 m. NC, WC

presliana Turcz. = **H. scabra**

prismatocarpa E.Mey. ex Harv.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 5–915 m. WC, EC

procumbens Cav. subsp. **myrrhifolia** (Thunb.) De Winter
H. myrrhifolia Thunb. (7)
Perennial. Herb. Ht up to 0.25 m. Alt up to 45 m. WC

procumbens Cav. subsp. **procumbens**
Perennial. Herb. Ht up to 0.25 m. Alt? WC

pseudo-mildbraedii Dinter & Engl. = **H. tigrensis**

pulchella L.f.
H. vernicata (Burch.) K.Schum. (7)
Mahernia pulchella (L.f.) Cav. (7)
Mahernia vernicata Burch. (7)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 460–1525 m. N, FS, NC, WC, EC

pulverata Andrews
H. argentea Sm. (9)
H. bolusii Szyszyl. (9)
H. cana K.Schum. (9)
Perennial. Herb. Ht 0.08–0.3 m. Alt 215–1220 m. NW, FS, NC, WC, EC

quartiniana A.Rich.
Perennial. Herb, prostrate. Length up to 0.3 m. Alt up to 1500 m. N, LIM, NW

rautanenii Schinz ex K.Schum.
H. violiifolia Engl. ex Dinter (12)
Perennial. Herb. Ht ± 0.3 m. Alt 945–1900 m. N, B, LIM

rehobothensis Friedr.-Holzh. = **H. juttae**

repetenda I.Verd.
H. hirsuta Schrad., not of Mill. (9)
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 305–1220 m. WC, EC

resedifolia (Burch.) R.A.Dyer = **H. erodioides**

rigida Harv.
H. oligantha T.M.Salter (9)
Perennial. Dwarf shrub. Ht 0.3–1.3 m. Alt 610–915 m. NC, WC

rogersii Burtt Davy = **H. montana**

rudis N.E.Br.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 5–220 m. WC

rugosa Adamson
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 460–530 m. WC

saccifera (Turcz.) K.Schum.
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 45–816 m. WC, EC

salviifolia L.f. var. **grandistipula** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.22 m. Alt ?–610 m. NC, WC, EC

salviifolia L.f. var. **oblonga** Harv.
H. hyssopifolia L. var. *integerrima* Schinz (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.22 m. Alt 60–455 m. WC

salviifolia L.f. var. *ovalis* Harv. in part = **H. salviifolia** var. **salviifolia**

salviifolia L.f. var. **salviifolia**
H. chrysophylla Eckl. & Zeyh. in part (9)
H. latifolia Jacq. (9)
H. micans Schrad. (9)
H. salviifolia L.f. var. *ovalis* Harv. in part (9)
Perennial. Shrub, dwarf shrub. Ht 0.38–1.5 m. Alt 5–1280 m. WC, EC

sandersonii Harv.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 610–765 m. KZN

scabra Cav.
H. patula Harv. (9)
H. pedunculata E.Phillips (9)
H. presliana Turcz. (9)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 60–1070 m. NC, WC

scabricaulis T.M.Salter
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt? WC

schinzii K.Schum. = **H. stellulata**

schlechteriana Schinz ex K.Schum.
Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt up to 1465 m. KZN, EC

scoparia (Eckl. & Zeyh.) Harv. = **H. linifolia**

scordifolia Jacq.
H. scordifolia Jacq. var. *integriuscula* Harv. (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 5–610 m. NC, WC

scordifolia Jacq. var. *integriuscula* Harv. = **H. scordifolia**

seineri Engl.
Perennial. Herb. Ht up to 0.35 m. Alt? N, B

seineri Engl. var. *latifolia* Engl. = **H. eenii**

seitziana Engl. = **H. engleri**

sinuata Burtt Davy = **H. stellulata**

sisymbriifolia (Turcz.) Hochr.
Mahernia sisymbriifolia Turcz. (12)
Perennial. Shrub, dwarf shrub. Ht 0.25–0.76 m. Alt 100–1510 m. NC, WC

solaniflora K.Schum.
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt ?–700 m. N, NC

spinosa E.Mey. ex Harv.
H. asbestina Schltr. (9)
H. aspericaulis Dinter & Engl. (9)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–1270 m. N, FS, NC, WC, EC

staurostemon K.Schum.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.75 m. Alt up to 1980 m. LIM, G, M, S, FS

stellulata (Harv.) K.Schum.
H. abyssinica (Harv.) K.Schum. (1)
H. adenotricha K.Schum. (1)
H. exilis Burtt Davy (12)
H. geminiflora Dinter & Engl. (1)
H. schinzii K.Schum. (1)
H. sinuata Burtt Davy (12)
Mahernia abyssinica Hochst. ex Harv. (1)
Mahernia stellulata Harv. (12)
Perennial. Prostrate herb. Length ± 0.3 m. Alt? N, B, LIM, NW, G, M, FS, KZN, NC, EC

stipitata Pillans
H. collina Schltdl. (12)
Perennial. Herb. Ht up to 0.2 m. Alt 305–795 m. N, NC, WC

stipulacea Lehm. ex Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.19–0.6 m. Alt 120–945 m. WC, EC

stricta (E.Mey. ex Turcz.) Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 90–1300 m. N, NC, WC

suavis C.Presl ex Harv.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 20–230 m. WC, EC

sulcata Harv.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 914 m. WC, EC

tenella Dinter & Schinz = **H. tigrensis**

tenuifolia Eckl. & Zeyh., not of Sims = **H. confusa**

ternifolia C.Presl ex Harv.
Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 5–270 m. WC

tigrensis Hochst.
H. mildbraedii Dinter (9)
H. pseudo-mildbraedii Dinter & Engl. (9)
H. tenella Dinter & Schinz (9)
Annual. Herb. Ht 0.2–0.45 m. Alt up to 1300 m. N

tomentosa (Turcz.) Schinz ex Engl.
H. brachypetala Harv. (9)
H. longiramosa Engl. (6)
Mahernia tomentosa Harv. in part, not of Turcz. (9)
Mahernia tomentosa Turcz. (9)
Perennial. Herb. Ht 0.05–0.6 m. Alt 460–1525 m. N, B, LIM, NW, G, M, FS, NC

transvaalensis Schinz
Perennial. Herb. Ht 0.05–0.22 m. Alt up to 2135 m. G, M, FS, KZN

trifoliata L.
Perennial. Dwarf shrub. Ht 0.19–1.5 m. Alt 5–850 m. NC, WC

trifurca L.
H. trifurcata according to Cav., DC.; Harv. (9)
Perennial. Dwarf shrub. Ht 0.03–1.82 m. Alt 30–850 m. N, NC, WC

trifurcata according to Cav., DC.; Harv. = **H. trifurca**

umbratica I.Verd.
Annual, occ. perennial. Herb. Ht up to 0.15 m. Alt up to 1610 m. LIM, NW, G

velutina DC.
Perennial. Shrub, dwarf shrub. Ht 0.7–3 m. Alt 5–1125 m. S, KZN, WC, EC

vernicata (Burch.) K.Schum. = **H. pulchella**

veronicifolia (Eckl. & Zeyh.) Hochr.
Mahernia veronicifolia Eckl. & Zeyh. (12)
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 155–915 m. WC, EC

vesicaria Cav. = **H. grossularifolia**

vestita Thunb.
H. candidissima A.Spreng. (9)
Biennial. Dwarf shrub. Ht 0.1–0.75 m. Alt up to 1340 m. N, FS, NC, WC, EC

violacea (Burch. ex DC.) K.Schum.
Mahernia violacea Burch. ex DC. (12)
Perennial. Herb, procumbent. Length ± 0.4 m. Alt 610–1341 m. EC

violiifolia Engl. ex Dinter = **H. rautanenii**

viscosa Hiern
Biennial. Dwarf shrub. Ht up to 0.5 m. Alt? N

viscosa in sense of Burtt Davy, not of Hiern, misapplied name = **H. glanduligera**

woodii Schinz
Perennial. Herb. Ht 0.09–0.15 m. Alt up to 2200 m. LIM, NW, FS, KZN, L, EC

MAHERNIA Schum. 5056010

abyssinica Hochst. ex Harv. = **Hermannia stellulata**

angustifolia in sense of Harv., not of Turcz., misapplied name = **Hermannia lancifolia**

betonicifolia (Eckl. & Zeyh.) Harv. = **Hermannia geniculata**

bipinnata L. var. *acutifolia* Harv. = **Hermannia diffusa**

bipinnata L. var. *bipinnata* = **Hermannia abrotanoides**

bipinnata L. var. *glandulosa* Harv. = **Hermannia diffusa**

chrysantha Planch. ex Harv., not of E.Mey in Turcz. = **Hermannia gerrardii**

coccocarpa Eckl. & Zeyh. = **Hermannia coccocarpa**

elliottiana Harv. = **Hermannia elliottiana**

erodioides Burch. ex DC. = **Hermannia erodioides**

erodioides Burch. ex DC. var. *latifolia* Harv. = **Hermannia depressa**

glabrata (L.f.) Cav. = **Hermannia glabrata**

grandiflora DC. var. *burchellii* Harv. = **Hermannia burchellii**

grandistipula Buchinger ex Hochst. = **Hermannia grandistipula**

heterophylla Cav. = **Hermannia heterophylla**

linearis Harv. = **Hermannia glabrata**

linnaeoides Burch. = **Hermannia linnaeoides**

multifida (DC.) Harv. = **Hermannia abrotanoides**

nana Eckl. & Zeyh. = **Hermannia cernua**

oblongifolia Harv. = **Hermannia oblongifolia**

ovata E.Mey. ex Turcz. = **Hermannia grossularifolia**

parviflora (Eckl. & Zeyh.) Harv. = **Hermannia parviflora**

pilosula Harv. = **Hermannia diffusa**

pilosula Harv. var. *latifolia* Harv. = **Hermannia diffusa**

pulchella (L.f.) Cav. = **Hermannia pulchella**

resedaefolia Burch. = **Hermannia erodioides**

scabra Eckl. & Zeyh., not of *H. scabra* Cav. = **Hermannia lacera**

sisymbriifolia Turcz. = **Hermannia sisymbriifolia**

stellulata Harv. = **Hermannia stellulata**

tomentosa Harv. in part, not of Turcz. = **Hermannia lancifolia**

tomentosa Harv. in part, not of Turcz. = **Hermannia tomentosa**

tomentosa Turcz. = **Hermannia tomentosa**

vernicata Burch. = **Hermannia pulchella**

veronicifolia Eckl. & Zeyh. = **Hermannia veronicifolia**

verticillata L. = **Hermannia pinnata**

vesicaria (Cav.) DC. = **Hermannia grossularifolia**

violacea Burch. ex DC. = **Hermannia violacea**

MELHANIA Forssk. 5047000

(1) Wild. 1961. *FZ* 1: 528–535.
(2) Verdoorn. 1981. *Bothalia* 13: 263–273.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 183.
(4) Thulin. 1999. *Nordic Journal of Botany* 19: 193–197.

acuminata Mast. var. **acuminata**
Perennial. Dwarf shrub. Ht 0.3–0.65 m. Alt 62–1525 m. N, B, LIM, NW, G, M, KZN, EC

acuminata Mast. var. **agnosta** (K.Schum.) Wild
M. agnosta K.Schum. (2)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt up to 1400 m. B, LIM, NW

agnosta K.Schum. = **M. acuminata** var. **agnosta**

albicans Baker f. = **M. burchellii**

bolusii Burtt Davy = **M. virescens**

burchellii DC.
M. albicans Baker f. (2)
Perennial. Herb. Ht 0.1–1 m. Alt 950–1366 m. N, B, LIM, NW, M, NC

damarana Harv.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt up to 1830 m. N, B, NC

didyma Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 40–1372 m. B, LIM, NW, M, S, KZN, EC

didyma Eckl. & Zeyh. var. *linearifolia* (Sond.) Szyszyl. = **M. prostrata**

forbesii Planch. ex Mast.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.25 m. Alt 45–1669 m. N, B, LIM, M, S, KZN

griquensis Bolus in part = **M. rehmannii**

griquensis Bolus in part = **M. virescens**

integra I.Verd.
Perennial. Dwarf shrub. Ht 0.35–0.76 m. Alt 975–1830 m. LIM, NW

linearifolia Sond. = **M. prostrata**

polygama I.Verd.
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt? KZN

prostrata DC.
M. didyma Eckl. & Zeyh. var. *linearifolia* (Sond.) Szyszyl. (2)
M. linearifolia Sond. (2)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 152–2900 m. LIM, NW, G, M, S, FS, KZN, EC

randii Baker f.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 1220 m. LIM, M, S

rehmannii Szyszyl.
M. griquensis Bolus in part (2)
M. rupestris Schinz (2)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 152–1370 m. N, B, LIM, M, S, NC

rupestris Schinz = **M. rehmannii**

suluensis Gerstner
Perennial. Dwarf shrub. Ht 0.3–0.91 m. Alt 5–490 m. M, S, KZN

transvaalensis Szyszyl.
Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 945–1430 m. LIM, NW, G

virescens (K.Schum.) K.Schum.
M. bolusii Burtt Davy (2)
M. griquensis Bolus in part (2)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 410–1405 m. N, B, LIM, NW, NC

MELOCHIA L. 5057000

(1) Wild. 1961. *FZ* 1: 535, 536.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 184.

corchorifolia L.
Annual. Herb. Ht up to 2 m. Alt? B

STERCULIA L. 5083000

(1) Archibald. 1951. *The Flowering Plants of Africa* 28: t. 1103.
(2) Dyer. 1958. *The Flowering Plants of Africa* 32: t. 1279.
(3) Wild. 1961. *FZ* 1: 551–558.
(4) Friedrich Holzhammer *et al.* 1973. *FSWA* 84: 26.
(5) Fourie & Retief. 1989. *The Flowering Plants of Africa* 50: t. 1999.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 184, 185.

africana (Lour.) Fiori var. **africana**
S. guerichii K.Schum. (4)
S. tomentosa in sense of Sim, misapplied name (3)
S. triphaca R.Br. (3)
Perennial. Tree. Ht 10–25 m. Alt 106–915 m. N, B

alexandri Harv.
Perennial. Tree. Ht 3.04–6.09 m. Alt 60–490 m. EC

guerichii K.Schum. = **S. africana** var. **africana**

murex Hemsl.
Perennial. Tree. Ht 3.65–18.28 m. Alt 395–1250 m. LIM, G, M

quinqueloba (Garcke) K.Schum.
S. zastrowiana Engl. (4)
Perennial. Tree. Ht 4–15.24 m. Alt up to 680 m. N

rogersii N.E.Br.
Perennial. Tree, shrub. Ht 0.25–5 m. Alt 60–1180 m. B, LIM, M, S, KZN

tomentosa in sense of Sim, misapplied name = **S. africana** var. **africana**

triphaca R.Br. = **S. africana** var. **africana**

zastrowiana Engl. = **S. quinqueloba**

WALTHERIA L. 5059000

(1) Wild. 1961. *FZ* 1: 536, 537.
(2) Verdoorn. 1981. *Bothalia* 275, 276.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 185.

americana L. = **W. indica**

americana L. var. *indica* (L.) K.Schum. = **W. indica**

americana L. var. *sahelica* Roberty = **W. indica**

americana L. var. *subspicata* K.Schum. = **W. indica**

indica L.
W. americana L. (1)
W. americana L. var. *indica* (L.) K.Schum. (1)
W. americana L. var. *sahelica* Roberty (3)
W. americana L. var. *subspicata* K.Schum. (1)
Annual. Herb. Ht 0.6–1.3 m. Alt 30–1585 m. N, B, LIM, NW, G, M, S, KZN, NC

STILBACEAE

Compiled by J.P. Rourke, *Retzia* by E. Retief

CAMPYLOSTACHYS Kunth 7133000

(1) Pearson. 1901. *FC* 5,1: 180–226.

abbreviata E.Mey. = **Euthystachys abbreviata**

cernua (L.f.) Kunth
Stilbe cernua L.f. (1)
Perennial. Dwarf lignotuberous shrub. Ht 0.2–0.7 m. Alt 50–650 m. WC

phylicoides Sond. = **Kogelbergia phylicoides**

EURYLOBIUM Hochst. 7137000

serrulatum Hochst. = **Stilbe serrulata**

EUTHYSTACHYS A.DC. 7135000

(1) Pearson. 1901. *FC* 5,1: 180–226.
(2) Rourke. 2000. *Bothalia* 30: 10, 11.

abbreviata (E.Mey.) A.DC.
Campylostachys abbreviata E.Mey. (1)
Perennial. Dwarf lignotuberous shrub. Ht 0.5–0.6 m. Alt 560–1500 m. WC

KOGELBERGIA Rourke 7134010

(1) Rourke. 2000. *Bothalia* 30: 11–15.

phylicoides (A.DC.) Rourke
Campylostachys phylicoides Sond. (1)
Stilbe phylicoides A.DC. (1)
Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 425–1100 m. WC

verticillata (Eckl. & Zeyh.) Rourke
Stilbe chorisepala Sucss. (1)
Stilbe mucronata N.E.Br. (1)
Trichocephalus verticillatus Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 250–1150 m. WC

RETZIA Thunb. 7456000

(1) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 942.
(2) Rourke. 2000. *Bothalia* 30: 9.
(3) Angiosperm Phylogeny Group II. 2003. *Botanical Journal of the Linnean Society* 141: 399–436.

capensis Thunb. (2, 3)
Perennial. Shrub. Ht 0.5–1.3 m. Alt 10–1300 m. WC

STILBE P.J.Bergius 7134000

(1) Pearson. 1901. *FC* 5,1: 180–226.
(2) Compton. 1944. *Journal of South African Botany* 10: 127, 128.
(3) Suessenguth. 1950. *Mitteilungen der Botanischen Staatssammlung München* 2: 56.
(4) Rourke. 1977. *Journal of South African Botany* 43: 1–8.
(5) Rourke. 2000. *Bothalia* 30: 9–15.

albiflora E.Mey.
Perennial. Lignotuberous shrub. Ht 0.5–1.3 m. Alt 10–1000 m. WC

cernua L.f. = **Campylostachys cernua**

chorisepala Suess. = **Kogelbergia verticillata**

ericoides (L.) L.
Selago ericoides L. (1)
Perennial. Dwarf lignotuberous shrub. Ht up to 1 m. Alt 10–1000 m. WC

gymnopharyngia (Rourke) Rourke
Xeroplana gymnopharyngia Rourke (4)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 900–1200 m. WC

mucronata N.E.Br. = **Kogelbergia verticillata**

overbergensis Rourke
Xeroplana zeyheri Briq. (4)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 70–200 m. WC

phylicoides A.DC. = **Kogelbergia phylicoides**

rupestris Compton
Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.3 m. Alt 300–1000 m. WC

serrulata Hochst.
Eurylobium serrulatum Hochst. (5)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 1000–1600 m. WC

vestita P.J.Bergius
Selago pinastra L. (1)
Perennial. Lignotuberous shrub. Ht 0.5–1.5 m. Alt 200–1000 m. WC

THESMOPHORA Rourke 7133010

(1) Rourke. 1993. *Edinburgh Journal of Botany* 50: 89–95.

scopulosa Rourke
Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.3 m. Alt 1000–1200 m. WC

TRICHOCEPHALUS Brongn. 4886010

verticillatus Eckl. & Zeyh. = **Kogelbergia verticillata**

XEROPLANA Briq. 7136000

gymnopharyngia Rourke = **Stilbe gymnopharyngia**
zeyheri Briq. = **Stilbe overbergensis**

STRYCHNACEAE

Compiled by M. Jordaan

STRYCHNOS L. 6460000

(1) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1242.
(2) Verdoorn. 1963. *FSA* 26: 136–149.
(3) Leeuwenberg. 1969. *Mededelingen van de Landbouwhogeschool Wageningen* 69-1: 17–316.
(4) Leeuwenberg. 1983. *FZ* 7,1: 353–374.
(5) Pooley. 1993. *Trees of Natal*: 416–420.

cocculoides Baker
Perennial. Tree or shrub. Ht 1–6 m. Alt 795–1675 m. N, B, LIM, M

decussata (Pappe) Gilg
Perennial. Tree or shrub. Ht 1.5–16 m. Alt 15–1000 m. LIM, KZN, WC, EC

gerrardii N.E.Br.
S. innocua Delile subsp. *gerrardii* (N.E.Br.) I.Verd. (5)
Perennial. Tree. Ht 2–15 m. Alt 5–600 m. KZN

henningsii Gilg
Perennial. Tree or shrub. Ht 1.5–18 m. Alt 5–1310 m. LIM, M, S, KZN, EC

innocua Delile subsp. *dysophylla* (Benth.) I.Verd. = **S. madagascariensis**

innocua Delile subsp. *gerrardii* (N.E.Br.) I.Verd. = **S. gerrardii**

madagascariensis Poir.
S. innocua Delile subsp. *dysophylla* (Benth.) I.Verd. (3)
Perennial. Tree or shrub. Ht 1.5–10 m. Alt 300–1450 m. B, LIM, NW, M, S, KZN

micans S.Moore = **S. usambarensis**

mitis S.Moore
Perennial. Tree or shrub. Ht 4–35 m. Alt 10–1200 m. LIM, M, S, KZN, EC

potatorum L.f.
S. stuhlmannii Gilg (3)
Perennial. Tree or shrub. Ht 4–10 m. Alt 275–520 m. N, B, LIM

pungens Soler.
Perennial. Tree or shrub. Ht 0.6–8 m. Alt 120–1755 m. N, B, LIM, NW, G, M

spinosa Lam.
Perennial. Tree or shrub. Ht 1–10 m. Alt 5–1465 m. N, B, LIM, M, S, KZN, EC

stuhlmannii Gilg = **S. potatorum**

usambarensis Gilg
S. micans S.Moore (2)
Perennial. Tree, shrub or climber. Ht 1–15 m. Alt 30–1370 m. LIM, NW, G, M, S, KZN

TAMARICACEAE

Compiled by C.L. Bredenkamp

TAMARIX L. 5239000

(1) Podlech. 1968. *FSWA* 90: 1, 2.
(2) Obermeyer. 1976. *FSA* 22: 36–39.
(3) Baum. 1978. *The genus* Tamarix: 19–209.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126, 127.

angolensis Nied. = **T. usneoides**

***aphylla** (L.) Karst.
Perennial. Tree, shrub. Ht up to 10 m. Alt? N

austro-africana Schinz = **T. usneoides**

***chinensis** Lour.
Perennial. Tree. Ht 1.5–5 m. Alt up to 1400 m. FS, WC

engleri = **T. usneoides**

***parviflora** DC.
Perennial. Tree. Ht 2–3 m. Alt? WC

***ramosissima** Ledeb.
Perennial. Tree or shrub. Ht 1–5 m. Alt 100–800 m. N, NC, WC

usneoides E.Mey. ex Bunge
T. angolensis Nied. (4)
T. austro-africana Schinz (3)
T. engleri (3)
Perennial. Tree, shrub. Ht 0.6–6.09 m. Alt 90–1370 m. N, NC, WC, EC

usneoides E.Mey. ex Bunge × **T. ramosissima** Ledeb.
Perennial. Tree, shrub. Ht 1.37–4 m. Alt 10–99 m. N

THEOPHRASTACEAE

Compiled by H.F. Glen

SAMOLUS L. 6328000

(1) Dyer. 1963. *FSA* 26: 10, 11.

porosus (L.f.) Thunb.
Perennial. Herb, hydrophyte. Ht 0.15–0.6 m. Alt 1–915 m. KZN, WC, EC

valerandi L.
Perennial. Herb, hydrophyte. Ht 0.1–0.36 m. Alt 1–1280 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

THYMELAEACEAE

Compiled by C.L. Bredenkamp & J.B.P. Beyers

ARTHROSOLEN C.A.Mey. 5435020

calocephalus C.A.Mey. = **Gnidia calocephala**
compactus C.H.Wright = **Gnidia compacta**
fraternus N.E.Br. = **Gnidia fraterna**
gymnostachys C.A.Mey. = **Gnidia gymnostachya**
inconspicuus Meisn. = **Gnidia inconspicua**
laxus (L.f.) C.A.Mey. = **Gnidia laxa**
microcephalus (Meisn.) E.Phillips = **Gnidia microcephala**
ornatus Meisn. = **Gnidia ornata**
phaeotrichus C.H.Wright = **Gnidia phaeotricha**
polycephalus C.A.Mey. = **Gnidia polycephala**
sericocephalus Meisn. = **Gnidia sericocephala**
spicatus C.A.Mey. = **Gnidia spicata**
variabilis C.H.Wright = **Gnidia variabilis**

BASUTICA E.Phillips 5435030

aberrans (C.H.Wright) E.Phillips = **Gnidia aberrans**
propinqua Hilliard = **Gnidia propinqua**

CHYMOCOCCA Meisn. 5461010

empetroides Meisn. = **Passerina ericoides**

CRYPTADENIA Meisn. 5459000

breviflora Meisn. = **Lachnaea grandiflora**
filicaulis Meisn. = **Lachnaea filicaulis**
grandiflora (L.f.) Meisn. var. *grandiflora* = **Lachnaea grandiflora**
grandiflora (L.f.) Meisn. var. *latifolia* Meisn. = **Lachnaea grandiflora**
laxa C.H.Wright = **Lachnaea laxa**
uniflora (L.) Meisn. = **Lachnaea uniflora**

DAIS L. 5465000

(1) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 869.
(2) Peterson. 1978. *FTEA* Thymelaeaceae: 16.

cotinifolia L.
Perennial. Tree. Ht 1.37–12.19 m. Alt 15–1830 m. LIM, G, M, S, FS, KZN, L, EC

ENGLERODAPHNE Gilg 5438000

(1) Wright. 1915. *FC* 5,2: 78.
(2) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 639, 640.
(3) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 204, 205.
(4) Peterson. 1978. *FTEA* Thymelaeaceae: 18.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 116.
(6) Van Wyk. 1997. *Field guide to trees of southern Africa*: 354.

leiosiphon Gilg = **Gnidia subcordata**

ovalifolia (Meisn.) E.Phillips
Perennial. Shrub. Ht 0.61–4.57 m. Alt 10–1830 m. KZN, EC

pilosa Burtt Davy
Perennial. Shrub. Ht up to 4 m. Alt 915–1525 m. KZN, EC

subcordata (Meisn.) Engl. = **Gnidia subcordata**

GNIDIA L. 5435000

(1) Meisner. 1840. *Linnaea* 14: 424.
(2) Meisner. 1843. *Journal of Botany* 2: 551–556.
(3) Meisner. 1857. In De Candolle, *Prodromus* 14: 580–593.
(4) Gilg. 1894. *Die natürlichen Pflanzenfamilien* 3,6a: 226–228.
(5) Gilg. 1895. *Botanische Jahrbücher* 19: 263–268.
(6) Kuntze. 1898. *Revisio generum plantarum* 3: 280, 281.
(7) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 142.
(8) Wright. 1915. *FC* 5: 43–68.
(9) Dinter. 1920. *Feddes Repertorium* 16: 340.
(10) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 634.
(11) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 718.
(12) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 937.
(13) Phillips. 1944. *Journal of South African Botany* 10: 61–65.
(14) Compton. 1949. *Journal of South African Botany* 15: 111, 112.
(15) Peterson. 1958. *Botaniska Notiser* 111: 623–631.
(16) Peterson. 1959. *Botaniska Notiser* 112: 465–480.
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aberrans C.H.Wright
Basutica aberrans (C.H.Wright) E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt up to 3290 m. KZN, L

albicans Meisn. var. *tenella* Meisn. = **G. tenella**

albosericea Moss ex B.Peterson
Lasiosiphon ornatus Burtt Davy (20)
Perennial. Shrub, dwarf shrub. Ht up to 1 m. Alt up to 1524 m. M, S, KZN

anomala Meisn.
Pseudognidia anomala (Meisn.) E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.01–4 m. Alt 12–1500 m. WC

anthylloides (L.f.) Gilg
Lasiosiphon anthylloides Meisn. (4)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 15–1940 m. KZN, WC, EC

baurii C.H.Wright
Perennial. Herb. Ht 0.17–0.36 m. Alt 743–2438 m. KZN, EC

burchellii (Meisn.) Gilg
Lasiosiphon burchellii Meisn. (4)
Lasiosiphon burchellii Meisn. var. *angustifolius* C.H.Wright (8)
Lasiosiphon burchellii Meisn. var. *glabrifolius* Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.25–1.37 m. Alt 20–2650 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

burmannii Eckl. & Zeyh. ex Meisn. (insufficiently known)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 713–2180 m. WC

caffra (Meisn.) Gilg
Lasiosiphon caffer Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.07–5 m. Alt 303–2300 m. LIM, NW, G, M, S, FS, KZN, EC

calocephala (C.A.Mey.) Gilg
Arthrosolen calocephalus C.A.Mey. (4)
Perennial. Shrub, dwarf shrub. Ht 0.01–1.5 m. Alt 155–1676 m. KZN, EC

caniflora Meisn.
Perennial. Herb. Ht up to 0.5 m. Alt 200–670 m. NC, WC

canoargentea (C.H.Wright) Gilg
Lasiosiphon canoargentea C.H.Wright (20)
Lasiosiphon mossii Burtt Davy (20)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt up to 2250 m. LIM, NW, G, M, KZN

capitata L.f.
Lasiosiphon capitatus (L.f.) Burtt Davy (15)
Lasiosiphon linifolius Decne. (4)
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 60–2045 m. B, LIM, NW, G, M, S, FS, KZN

cayleyi C.H.Wright (insufficiently known)
Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt? 'CP'

chrysophylla Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 45–910 m. WC

clavata Schinz
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt ?–1518 m. NC, WC

compacta (C.H.Wright) J.H.Ross
Arthrosolen compactus C.H.Wright (19)
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt ?–2750 m. FS, KZN, L

conspicua Meisn. (insufficiently known)

coriacea Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.76 m. Alt 45–1005 m. KZN, WC, EC

cuneata Meisn.
Lasiosiphon meisnerianus Endl. (4)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 610–1000 m. KZN, EC

decurrens Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.76 m. Alt 90–1220 m. WC

denudata Lindl.
Perennial. Shrub. Ht 1.06–3.04 m. Alt 100–1280 m. WC, EC

deserticola Gilg
Lasiosiphon deserticola C.H.Wright (13)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 853–1025 m. NC, WC, EC

dregeana Meisn. (insufficiently known)
Lasiosiphon dregeanus Endl. (26)

ericoides C.H.Wright
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 60–1032 m. WC

fastigiata Rendle
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 2400 m. M, S, KZN

flanaganii C.H.Wright (insufficiently known)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 15–30 m. WC, EC

fourcadei Moss
Perennial. Dwarf shrub. Ht? Alt up to 230 m. WC

francisci Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 915–1705 m. WC

fraterna (N.E.Br.) E.Phillips
Arthrosolen fraternus N.E.Br. (13)
Perennial. Dwarf shrub. Ht 0.18–0.3 m. Alt ± 1667 m. EC

galpinii C.H.Wright
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 400–1500 m. WC

geminiflora E.Mey. ex Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 90–1675 m. WC

gymnostachya (C.A.Mey.) Gilg
Arthrosolen gymnostachys C.A.Mey. (13)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 20–2400 m. G, M, S, FS, KZN, L

harveyiana Meisn. (insufficiently known)
Perennial. Shrub. Ht? Alt? WC

hoepfneriana Gilg = **G. kraussiana** var. **kraussiana**

humilis Meisn.
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 60–915 m. WC

imbricata L.f.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 120–1405 m. NC, WC

inconspicua Meisn.
Arthrosolen inconspicuus Meisn. (4)
Perennial. Shrub. Ht 0.2–1.21 m. Alt 5–765 m. WC

insignis Compton
Perennial. Shrub. Ht up to 1 m. Alt ?–765 m. WC

juniperifolia Lam.
Perennial. Shrub, dwarf shrub. Ht 0.1–0.91 m. Alt 137–1050 m. WC

kraussiana Meisn. var. **kraussiana**
G. hoepfneriana Gilg (15)
Lasiosiphon hoepfnerianus Vatke ex Gilg (15)
Lasiosiphon kraussii Meisn. (15)
Perennial. Shrub, dwarf shrub. Ht 0.1–3 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

laxa (L.f.) Gilg
Arthrosolen laxa (L.f.) C.A.Mey. (4)
Lachnaea dubia Gand. (25)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 15–950 m. WC

leipoldtii C.H.Wright (insufficiently known)
Perennial. Shrub, dwarf shrub. Ht? Alt 610–1219 m. NC

linearifolia (Wikstr.) B.Peterson
Struthiolopsis bolusii E.Phillips (16)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 185–1400 m. WC

linoides Wikstr.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 316–1450 m. WC

lucens Lam. (insufficiently known)

macropetala Meisn.
Lasiosiphon macropetalus Meisn. (4)
Perennial. Shrub. Ht 1–1.33 m. Alt? KZN

meyeri Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 120–1890 m. NC, WC

microcephala Meisn.
Arthrosolen microcephalus (Meisn.) E.Phillips (15)
Perennial. Shrub, dwarf shrub. Ht 0.17–0.8 m. Alt 30–1740 m. B, LIM, NW, G, M, S, FS, KZN, EC

microphylla Meisn.
Lasiosiphon microphyllus Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 914–1371 m. FS, NC, EC

myrtifolia C.H.Wright
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 15–365 m. KZN, EC

nana (L.f.) Wikstr.
G. pulvinata Bolus (7)
Struthiolopsis pulvinata (Bolus) E.Phillips (16)
Perennial. Shrub, dwarf shrub. Ht 0.15–3 m. Alt 25–1675 m. WC, EC

nitida Bolus
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 185–1525 m. NC, WC

nodiflora Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.52 m. Alt 5–2150 m. LIM, G, M, FS, KZN, NC, WC, EC

obtusissima Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.45–1.5 m. Alt 45–675 m. WC, EC

oppositifolia L.
Perennial. Shrub, dwarf shrub. Ht 0.01–2.43 m. Alt 10–1830 m. WC, EC

orbiculata C.H.Wright
Perennial. Shrub. Ht up to 3 m. Alt ?–915 m. WC, EC

ornata (Meisn.) Gilg
Arthrosolen ornatus Meisn. (3)
G. vesiculosa Eckl. & Zeyh. ex Drège (24)
Perennial. Dwarf shrub. Ht 0.19–0.6 m. Alt 30–152 m. WC

pallida Meisn. (insufficiently known)

parviflora Meisn.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 92–455 m. WC

parvula Wolley-Dod
Perennial. Shrublet. Ht up to 0.3 m. Alt? WC

pedunculata Beyers
Perennial. Dwarf shrub. Ht 0.25 m. Alt 0–300 m. WC

penicillata Licht. ex Meisn.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 60–671 m. WC

phaeotricha Gilg
Arthrosolen phaeotrichus C.H.Wright (13)
Perennial. Dwarf shrub. Ht up to 0.46 m. Alt 945–1740 m. M, FS, KZN, EC

pinifolia L.
Perennial. Shrub, dwarf shrub. Ht 0.25–1.21 m. Alt 10–750 m. WC, EC

polyantha Gilg
Lasiosiphon polyanthus Gilg (4)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.91 m. Alt 60–2250 m. FS, KZN, EC

polycephala (C.A.Mey.) Gilg
Arthrosolen polycephalus C.A.Mey. (4)
Perennial. Dwarf shrub, herb. Ht 0.07–1.06 m. Alt 607–1830 m. N, B, NW, G, FS, NC, WC, EC

polystachya P.J.Bergius var. *congesta* C.H.Wright = **G. squarrosa**

polystachya P.J.Bergius var. *polystachya* = **G. squarrosa**

propinqua (Hilliard) B.Peterson
Basutica propinqua Hilliard (20)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ?–3200 m. KZN, L, EC

pulchella Meisn.
Lasiosiphon pulchellus Decne. (3)
Perennial. Shrub. Ht 1–2 m. Alt 823–1128 m. KZN, EC

pulvinata Bolus = **G. nana**

quadrifaria C.H.Wright = **G. styphelioides**

racemosa Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 46–700 m. WC, EC

renniana Hilliard & B.L.Burtt
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 1524–2042 m. KZN

robusta B.Peterson
Lasiosiphon nanus Burtt Davy (20)
Perennial. Subshrub, herb. Ht up to 0.5 m. Alt ?–1371 m. M, S, KZN

rubescens B.Peterson
Perennial. Dwarf shrub. Ht 0.01–0.6 m. Alt 250–1405 m. LIM, M, S

scabra Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.67 m. Alt 20–1130 m. NC, WC

scabrida Meisn.
Perennial. Shrub. Ht 0.45–1.3 m. Alt 380–610 m. WC

sericea L. var. **hirsuta** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.61 m. Alt? WC, EC

sericea L. var. **sericea**
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 185–1234 m. WC, EC

sericocephala (Meisn.) Gilg ex Engl.
Arthrosolen sericocephalus Meisn. (10)
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt up to 1660 m. B, LIM, NW, G, M

setosa Wikstr.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 120–1219 m. WC

similis C.H.Wright
Perennial. Shrub. Ht 0.22–3.04 m. Alt? KZN, EC

simplex L.
Perennial. Shrublet. Ht up to 0.3 m. Alt? WC

singularis Hilliard
Perennial. Herb or dwarf shrub. Ht ± 0.1 m. Alt? L

sonderiana Meisn. (insufficiently known)

sparsiflora Bartl. ex Meisn. (insufficiently known)

spicata (L.f.) Gilg
Arthrosolen spicatus C.A.Mey. (13)
Perennial. Shrub, dwarf shrub. Ht 0.22–1 m. Alt 12–215 m. WC

splendens Meisn.
Lasiosiphon splendens Endl. (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.06 m. Alt 10–1900 m. LIM, M, S, FS, KZN

squarrosa (L.) Druce
G. polystachya P.J.Bergius var. *congesta* C.H.Wright (24)
G. polystachya P.J.Bergius var. *polystachya* (24)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 5–3475 m. FS, L, WC, EC

stellatifolia Gand. (insufficiently known)
Perennial. Shrub? Ht up to 0.61 m. Alt? KZN

strigillosa Meisn.
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt? WC

styphelioides Meisn.
G. quadrifaria C.H.Wright (24)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.91 m. Alt 30–610 m. KZN, WC, EC

suavissima Dinter
Perennial. Dwarf shrub. Ht ± 0.45 m. Alt ?–130 m. N, NC

subcordata (Meisn.) Engl.
Englerodaphne leiosiphon Gilg (19, 23)
Englerodaphne subcordata (Meisn.) Engl. (19, 23)
Perennial. Shrub. Ht 1.82–3.04 m. Alt 5–610 m. KZN, EC

subulata Lam. (insufficiently known)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 15–765 m. WC

tenella Meisn.
G. albicans Meisn. var. *tenella* Meisn. (24)
Perennial. Dwarf shrub. Ht up to 2 m. Alt 83–1160 m. WC

thesioides Meisn. var. **condensata** Meisn. (insufficiently known)

thesioides Meisn. var. **laxa** Meisn.
Perennial. Shrub. Ht ± 0.5 m. Alt up to 300 m. WC

thesioides Meisn. var. **thesioides**
Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 155–1000 m. KZN, NC, WC, EC

tomentosa L.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 535–1875 m. WC

triplinervis Meisn.
Lasiosiphon triplinervis Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.45–2 m. Alt 170–1150 m. KZN, EC

variabilis (C.H.Wright) E.Phillips
Arthrosolen variabilis C.H.Wright (13)
Perennial. Herb, dwarf shrub. Ht ± 0.15 m. Alt 914–1524 m. M

variegata Gand. (insufficiently known)
Perennial. Shrub. Ht up to 0.3 m. Alt ± 200 m. WC

vesiculosa Eckl. & Zeyh. ex Drège = **G. ornata**

wikstroemiana Meisn.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 2045 m. FS, NC

wilmsii (C.H.Wright) Engl.
Lasiosiphon wilmsii C.H.Wright (10)
Perennial. Shrub. Ht 0.45–1.82 m. Alt? KZN, EC

woodii C.H.Wright
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt 50–1371 m. S, KZN, EC

LACHNAEA L. 5460000

(1) Beyers. 2001. *Strelitzia* 11: 1–115.

alpina (Eckl. & Zeyh.) Meisn.
Perennial. Shrub. Ht up to 1 m. Alt 1600–2100 m. WC

ambigua Meisn. var. *ambigua* = **L. nervosa**

ambigua Meisn. var. *minor* Meisn. = **L. nervosa**

aurea (Eckl. & Zeyh.) Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt up to 900 m. WC

axillaris Meisn.
L. micrantha Schltr. (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.75 m. Alt 15–300 m. WC

burchellii Meisn.
L. burchellii Meisn. var. *latifolia* Meisn. (1)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 330–1660 m. WC, EC

burchellii Meisn. var. *latifolia* Meisn. = **L. burchellii**

buxifolia Lam. = **L. pomposa**

capitata (L.) Crantz
Perennial. Shrub, dwarf shrub. Ht 0.4–1.8 m. Alt 15–800 m. WC

densiflora Meisn.
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 1–765 m. WC

diosmoides Meisn.

L. diosmoides Meisn. var. *tenella* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 155–1665 m. WC, EC

diosmoides Meisn. var. *tenella* Meisn. = **L. diosmoides**

dubia Gand. = **Gnidia laxa**

elegans Compton = **L. striata**

elsieae Beyers
Perennial. Dwarf shrub, shrub. Ht 0.15–0.6 m. Alt 1250–2300 m. WC

ericoides Meisn.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–665 m. WC

eriocephala L.
L. purpurea Andrews (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 100–500 m. WC

filamentosa Meisn.
L. filamentosa Meisn. var. *major* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 665–1920 m. WC

filamentosa Meisn. var. *major* Meisn. = **L. filamentosa**

filicaulis (Meisn.) Beyers
Cryptadenia filicaulis Meisn. (1)
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 365 m. WC

funicaulis Schinz
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 500–1000 m. WC

globulifera Meisn. subsp. **globulifera**
Perennial. Dwarf shrub, shrub. Ht 0.25–0.6(–0.9) m. Alt 200–1100 m. WC

globulifera Meisn. subsp. **incana** Beyers
L. globulifera Meisn. var. *coerulescens* Eckl. & Zeyh. ex Meisn. (1)
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6(–1) m. Alt 650–1665 m. WC

globulifera Meisn. var. *coerulescens* Eckl. & Zeyh. ex Meisn. = **L. globulifera** subsp. **incana**

glomerata Fourc.
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 330–1130 m. WC, EC

gracilis Meisn.
Perennial. Dwarf shrub, shrub. Ht 0.25–2 m. Alt 330–1660 m. WC

grandiflora (L.f.) Baill.
Cryptadenia breviflora Meisn. (1)
Cryptadenia grandiflora (L.f.) Meisn. var. *grandiflora* (1)
Cryptadenia grandiflora (L.f.) Meisn. var. *latifolia* Meisn. (1)
Passerina grandiflora L.f. (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6(–1) m. Alt 15–1000 m. WC

greytonensis Beyers
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 640–830 m. WC

laniflora (C.H.Wright) Bond
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–2200 m. WC

laxa (C.H.Wright) Beyers
Cryptadenia laxa C.H.Wright (1)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 400–2150 m. WC

leipoldtii Beyers
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1000 m. WC

macrantha Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.45–2 m. Alt 1330–2255 m. WC

marlothii Schltr.
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1800–2330 m. WC

micrantha Schltr. = **L. axillaris**

montana Beyers
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 765–2330 m. WC

naviculifolia Compton
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 1000–1865 m. WC

nervosa (Thunb.) Meisn.
L. ambigua Meisn. var. *ambigua* (1)
L. ambigua Meisn. var. *minor* Meisn. (1)
Perennial. Dwarf shrub, shrub. Ht up to 0.3(–1) m. Alt 830–2000 m. WC

oliverorum Beyers
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1280–1400 m. WC

passerinoides N.E.Br. = **L. penicillata**

pedicellata Beyers
Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt 1760–1830 m. WC

pendula Beyers
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1330–2000 m. WC

penicillata Meisn.
L. passerinoides N.E.Br. (1)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 330–1330 m. WC

pomposa Beyers
L. buxifolia Lam. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.7 m. Alt 500–2330 m. WC

pudens Beyers
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 330–1530 m. WC

purpurea Andrews = **L. eriocephala**

pusilla Beyers
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 70–1000 m. WC

rupestris Beyers
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt above 1500 m. WC

ruscifolia Compton
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 650–1150 m. WC

sociorum Beyers
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 300–1100 m. WC

stokoei Beyers
Perennial. Dwarf shrub. Ht? Alt? WC

striata (Poir.) Meisn.
L. elegans Compton (1)

Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt 800–1160 m. WC

uniflora (L.) Crantz
Cryptadenia uniflora (L.) Meisn. (1)
Passerina uniflora L. (1)
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1–860 m. WC

villosa Beyers
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 480–1500 m. WC

LASIOSIPHON Fresen. 5435010

anthylloides Meisn. = **Gnidia anthylloides**

burchellii Meisn. = **Gnidia burchellii**

burchellii Meisn. var. *angustifolius* C.H.Wright = **Gnidia burchellii**

burchellii Meisn. var. *glabrifolius* Meisn. = **Gnidia burchellii**

caffer Meisn. = **Gnidia caffra**

canoargentea C.H.Wright = **Gnidia canoargentea**

capitatus (L.f.) Burtt Davy = **Gnidia capitata**

deserticola C.H.Wright = **Gnidia deserticola**

dregeanus Endl. = **Gnidia dregeana**

hoepfnerianus Vatke ex Gilg = **Gnidia kraussiana** var. **kraussiana**

kraussii Meisn. = **Gnidia kraussiana** var. **kraussiana**

linifolius Decne. = **Gnidia capitata**

macropetalus Meisn. = **Gnidia macropetala**

meisnerianus Endl. = **Gnidia cuneata**

microphyllus Meisn. = **Gnidia microphylla**

mossii Burtt Davy = **Gnidia canoargentea**

nanus Burtt Davy = **Gnidia robusta**

ornatus Burtt Davy = **Gnidia albosericea**

polyanthus Gilg = **Gnidia polyantha**

pulchellus Decne. = **Gnidia pulchella**

splendens Endl. = **Gnidia splendens**

triplinervis Meisn. = **Gnidia triplinervis**

wilmsii C.H.Wright = **Gnidia wilmsii**

PASSERINA L. 5461000

(1) Meisner. 1857. In De Candolle, *Prodromus* 14: 493–605.
(2) Wright. 1915. *FC* 5,2: 9–15.
(3) Thoday. 1924. *Kew Bulletin* 4: 146–168.
(4) Hilliard & Burtt. 1987. *Annals of the Kirstenbosch Botanic Gardens* 15: 182–184; 233.
(5) Bredenkamp. 2002. *Bothalia* 32: 33, 34, 66–69, 77.
(6) Bredenkamp. 2002. *South African Journal of Botany* 68: 1–4.
(7) Bredenkamp. 2003. *Bothalia* 33: 59–98.

burchellii Thoday
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1500 m. WC

comosa C.H.Wright
Perennial. Shrub. Ht 0.76–1.82 m. Alt 185–2300 m. NC, WC

corymbosa Eckl. ex C.H.Wright
P. filiformis L. var. *vulgaris* Meisn. (1)
P. vulgaris (Meisn.) Thoday (3)
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 20–1850 m. KZN, WC, EC

drakensbergensis Hilliard & B.L.Burtt
Perennial. Shrub, dwarf shrub. Ht up to 2 m. Alt 1494–1981 m. KZN

ericoides L.
Chymococca empetroides Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 4–1575 m. WC

esterhuyseniae Bredenkamp & A.E.van Wyk
Perennial. Shrub, shrublet. Ht 0.3–0.5 m. Alt ± 1167 m. WC

falcifolia C.H.Wright
Perennial. Tree, shrub. Ht 0.91–6.09 m. Alt 180–1001 m. WC, EC

filiformis L. in part = **P. montivaga**

filiformis L. subsp. **filiformis**
Perennial. Shrub. Ht up to 2 m. Alt 30–1951 m. WC

filiformis L. subsp. **glutinosa** (Thoday) Bredenkamp & A.E.van Wyk
P. filiformis L. var. *glutinosa* Thoday (3)
Perennial. Shrub. Ht up to 2 m. Alt 0–1000 m. WC

filiformis L. var. *glutinosa* Thoday = **P. filiformis** subsp. **glutinosa**

filiformis L. var. *squarrosa* Meisn. = **P. rubra**

filiformis L. var. *vulgaris* Meisn. = **P. corymbosa**

galpinii C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 10–2025 m. WC

glomerata Thunb., misapplied name = **P. truncata** subsp. **truncata**

grandiflora L.f. = **Lachnaea grandiflora**

montana Thoday
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 50–2700 m. N, LIM, NW, M, S, FS, KZN, L, EC

montivaga Bredenkamp & A.E.van Wyk
P. filiformis L. in part (5)
P. montivagus Bredenkamp & A.E.van Wyk, error (5)
Perennial. Shrub. Ht 1–2 m. Alt 42–2070 m. M, S, KZN, WC, EC

montivagus Bredenkamp & A.E.van Wyk, error = **P. montivaga**

nivicola Bredenkamp & A.E.van Wyk
Perennial. Low rounded shrublets. Ht 0.3–0.5 m. Alt ± 1760 m. NC, WC

obtusifolia Thoday
Perennial. Shrub, dwarf shrub. Ht 0.3–3.04 m. Alt 60–3050 m. NC, WC, EC

paleacea Wikstr.
Perennial. Shrub, dwarf shrub. Ht 0.16–1.5 m. Alt 5–460 m. WC

paludosa Thoday
Perennial. Shrub. Ht up to 2 m. Alt 60–460 m. WC

pendula Eckl. & Zeyh. ex Thoday.
P. rigida Wikstr. var. *comosa* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 1–1.5 m. Alt 133–823 m. WC, EC

quadrifaria Bredenkamp & A.E.van Wyk
Perennial. Low shrubs. Ht up to 1 m. Alt 1500–1670 m. WC, EC

rigida Wikstr.
Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 4–1950 m. KZN, WC, EC

rigida Wikstr. var. *comosa* Meisn. = **P. pendula**

rigida Wikstr. var. *tetragona* Meisn. = **P. truncata** subsp. **truncata**

rigida Wikstr. var. *truncata* Meisn. = **P. truncata** subsp. **truncata**

rubra C.H.Wright
P. filiformis L. var. *squarrosa* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.1 m. Alt 70–1370 m. WC, EC

truncata (Meisn.) Bredenkamp & A.E.van Wyk subsp. **monticola** Bredenkamp & A.E.van Wyk
Perennial. Low shrublets. Ht 0.2–1.5 m. Alt ± 2000 m. WC

truncata (Meisn.) Bredenkamp & A.E.van Wyk subsp. **truncata**
P. glomerata Thunb., misapplied name (5)
P. rigida Wikstr. var. *tetragona* Meisn. (5)
P. rigida Wikstr. var. *truncata* Meisn. (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 30–914 m. NC, WC, EC

uniflora L. = **Lachnaea uniflora**

vulgaris Thoday = **P. corymbosa**

PEDDIEA Harv. 5434000

(1) Wright. 1915. *FC* 5: 80, 81.
(2) Peterson. 1958. *Botaniska Notiser* 3: 623, 624.
(3) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1930.
(4) Breteler. 1994. *Bulletin du Jardin Botanique National de Belgique* 63: 205–207.

africana Harv.
Perennial. Tree, shrub. Ht 0.6–9.14 m. Alt 5–1900 m. LIM, G, M, S, KZN, EC

PSEUDOGNIDIA E.Phillips 5435040

anomala (Meisn.) E.Phillips = **Gnidia anomala**

STRUTHIOLA L. 5436000

(1) Wright. 1915. *FC* 5: 26–42.
(2) Moore. 1919. *Journal of Botany* 57: 112, 113.
(3) Compton. 1934. *Kew Bulletin* 1934: 261.
(4) Levyns. 1941. *Journal of South African Botany* 7: 86, 87.
(5) Hutchinson. 1946. *A botanist in southern Africa*: 49, 51, 90, 113.
(6) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 599, 600.
(7) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 219, 220.
(8) Hilliard. 1993. *Edinburgh Journal of Botany* 50: 182–184.
(9) Beyers. 2000. *Strelitzia* 9: 684, 685.
Note: several names and changes proposed by Peterson are not included in this list as they have never been published.

angustifolia Lam. = **S. ciliata**

angustiloba Peterson & Hilliard
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1600–2665 m. KZN

anomala Hilliard
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1100–1400 m. KZN

argentea Lehm.
Perennial. Shrub, dwarf shrub. Ht 0.27–2 m. Alt 5–1530 m. WC, EC

bachmanniana Gilg (insufficiently known)

cicatricosa C.H.Wright
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 90–340 m. WC

ciliata (L.) Lam. in a broad sense
S. angustifolia Lam. (9)
S. flavescens Gilg ex C.H.Wright (9)
S. longiflora Lam. (6)
S. lucens Lam. (9)
S. pillansii Hutch. (9)
S. rustiana Gilg (9)
S. schlechteri Gilg ex C.H.Wright (9)
S. virgata L. (9)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.5 m. Alt 10–2165 m. NC, WC

concava S.Moore (insufficiently known) (2)
Perennial. Dwarf shrub. Ht? Alt? WC

confusa C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 100–1770 m. WC

congesta C.H.Wright = **S. pondoensis**

dodecandra (L.) Druce
S. erecta Lam. (6)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 5–960 m. WC

eckloniana Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 60–1600 m. WC, EC

epacridioides C.H.Wright = **S. hirsuta**

erecta Lam. = **S. dodecandra**

ericoides C.H.Wright
Perennial. Dwarf shrub, shrub. Ht 0.2–0.75 m. Alt 100–1000 m. WC

fasciata C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 100–600 m. WC

flavescens Gilg ex C.H.Wright = **S. ciliata**

floribunda C.H.Wright (insufficiently known)

fourcadei Compton = **S. martiana**

galpinii C.H.Wright (insufficiently known)

garciana C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.46–1.52 m. Alt 60–2000 m. WC, EC

hirsuta Wikstr.
S. epacridioides C.H.Wright (9)
S. pentheri S.Moore (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.82 m. Alt 40–549 m. WC, EC

leiosiphon Gilg ex C.H.Wright = **S. martiana**

leptantha Bolus
Perennial. Shrub, dwarf shrub. Ht 0.3–1.82 m. Alt 10–1400 m. NC, WC

lineariloba Meisn.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 900 m. WC

longiflora Lam. = **S. ciliata**

longifolia C.H.Wright (insufficiently known)
Perennial. Shrub. Ht? Alt? WC

lucens Lam. = **S. ciliata**

macowanii C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.22–1.52 m. Alt 15–1830 m. WC, EC

martiana Meisn.
S. fourcadei Compton (9)
S. leiosiphon Gilg ex C.H.Wright (9)

Perennial. Shrub. Ht 0.9–1.8 m. Alt 750–1800 m. WC

mundii Eckl. ex Meisn.
Perennial. Dwarf shrub, shrub. Ht 0.25–0.6 m. Alt 100–800 m. WC

myrsinites Lam.
S. ovata Thunb. (6)
Perennial. Shrub, dwarf shrub. Ht 0.25–2.5 m. Alt 15–1665 m. WC, EC

ovata Thunb. = **S. myrsinites**

parviflora Bartl. ex Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 15–1190 m. WC, EC

pentheri S.Moore = **S. hirsuta**

pillansii Hutch. = **S. ciliata**

pondoensis Gilg ex C.H.Wright
S. congesta C.H.Wright (9)
Perennial. Shrub. Ht 0.9–2 m. Alt 250–530 m. KZN, EC

ramosa C.H.Wright (insufficiently known)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt? WC

recta C.H.Wright (insufficiently known)
Perennial. Shrub, dwarf shrub. Ht? Alt 270–667 m. WC

rigida Meisn.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 76–300 m. WC

rustiana Gilg = **S. ciliata**

salteri Levyns
Perennial. Shrub, dwarf shrub. Ht 0.33–0.8 m. Alt 1–300 m. WC

schlechteri Gilg ex C.H.Wright = **S. ciliata**

striata Lam.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.82 m. Alt 6–900 m. WC, EC

tetralepis Schltr. var. **glabricaulis** Schltr.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 274–762 m. WC

tetralepis Schltr. var. **tetralepis**
Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt up to 1000 m. WC

tomentosa Andrews
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 50–1865 m. WC

tuberculosa Lam. (insufficiently known)
Perennial. Shrub, dwarf shrub. Ht? Alt? WC, EC

virgata L. = **S. ciliata**

STRUTHIOLOPSIS E.Phillips 5435050

bolusii E.Phillips = **Gnidia linearifolia**

pulvinata (Bolus) E.Phillips = **Gnidia nana**

SYNAPTOLEPIS Oliv. 5442000

(1) Wright. 1915. *FC* 5: 79, 80.
(2) Peterson. 1978. *FTEA* Thymelaeaceae: 5–8.

kirkii Oliv.
Perennial. Shrub. Ht 1.21–3.04 m. Alt 6–155 m. LIM, S, KZN

TILIACEAE

Compiled by C.L. Bredenkamp & M. Jordaan

CORCHORUS L. 4953000

(1) Wild. 1963. *FZ* 2: 82–91.
(2) Codd. 1983. *Bothalia* 14: 221.
(3) Wild. 1984. *FSA* 21: 32–42.
(4) Edmonds. 1990. *Herbarium survey of African* Corchorus *L. species*: 1–284.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 173, 174.

angolensis Exell & Mendonça
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt ?–1000 m. N

asplenifolius Burch.
C. serrifolius Burch. (3)
Perennial. Herb. Ht 0.05–0.91 m. Alt 303–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

confusus Wild
Perennial. Herb. Ht 0.06–0.35 m. Alt 25–2500 m. B, LIM, NW, G, M, S, KZN

discolor N.E.Br. = **C. junodii**

junodii (Schinz) N.E.Br.
C. discolor N.E.Br. (3)
Perennial. Shrub. Ht 0.3–1.6 m. Alt 15–670 m. LIM, M, KZN

kirkii N.E.Br.
C. pongolensis Burtt Davy & Greenway (3)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 275–1645 m. B, LIM, NW, G

longipedunculatus Mast.
Annual. Herb. Ht 0.38–0.6 m. Alt up to 460 m. B, LIM, M

merxmuelleri Wild
Perennial. Shrub. Ht 0.5–2 m. Alt up to 1800 m. N

***olitorius** L.
Annual. Herb. Ht 0.4–1.82 m. Alt 45–520 m. N, B, LIM, G, M, KZN

pinnatipartitus Wild
Perennial. Herb. Ht ± 0.2 m. Alt ?–1467 m. B, NW, NC

pongolensis Burtt Davy & Greenway = **C. kirkii**

psammophilus Codd
Perennial. Herb. Ht 0.3–0.6 m. Alt? B, LIM

schimperi Cufod.
Annual. Herb. Ht up to 0.15 m. Alt 198–1405 m. N, B, LIM, NW, G, S, FS, KZN, NC

serrifolius Burch. = **C. asplenifolius**

sulcatus I.Verd.
Perennial. Herb. Ht up to 0.3 m. Alt 795–945 m. LIM, M, NC

***tridens** L.
Annual. Herb. Ht 0.12–0.91 m. Alt 245–1005 m. N, B, LIM, NW, G, M, S, KZN

***trilocularis** L.
Biennial. Herb. Ht 0.3–1.06 m. Alt 5–1371 m. N, B, LIM, NW, G, M, S, KZN, EC

velutinus Wild
Perennial. Shrub. Ht 0.91–1.21 m. Alt 490–520 m. LIM

GREWIA L. 4966000

(1) Wild. 1963. *FZ* 2: 37–63.
(2) Codd. 1977. *The Flowering Plants of Africa* 44: t. 1733.
(3) Wild. 1984. *FSA* 21: 1–19.
(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3.

avellana Hiern
G. calycina N.E.Br. (3)
Perennial. Shrub. Ht up to 2 m. Alt 885–1220 m. N, B, LIM, NC

bicolor Juss. var. **bicolor**
G. disticha Dinter & Burret (3)
G. kwebensis N.E.Br. (3)
G. miniata Mast. ex Hiern (3)
Perennial. Tree or shrub. Ht up to 9 m. Alt 30–1350 m. N, B, LIM, NW, G, M, S, KZN

caffra Meisn.
Perennial. Shrub or scrambler. Ht 1–3 m. Alt 15–1158 m. LIM, M, S, KZN

calycina N.E.Br. = **G. avellana**

cana Sond. = **G. flava**

cordata N.E.Br. = **G. monticola**

deserticola Ulbr. = **G. retinervis**

discolor Harv. = **G. monticola**

disticha Dinter & Burret = **G. bicolor** var. **bicolor**

falcistipula K.Schum.
Perennial. Shrub or dwarf shrub. Ht up to 1.5 m. Alt 379–1400 m. N, B

flava DC.
G. cana Sond. (3)
G. hermannioides Harv. (3)
Perennial. Shrub. Ht up to 3 m. Alt 155–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

flavescens Juss.
Perennial. Shrub. Ht up to 5 m. Alt 100–1525 m. N, B, LIM, NW, G, M, S, KZN

flavescens Juss. var. *olukondae* (Schinz) Wild = **G. olukondae**

gracillima Wild
Perennial. Shrub. Ht up to 2 m. Alt 580–700 m. LIM

hermannioides Harv. = **G. flava**

hexamita Burret
G. messinica Burtt Davy & Greenway (3)
G. schweickerdtii Burret (3)
Perennial. Tree or shrub. Ht 2–5 m. Alt 151–1300 m. LIM, M, S, KZN

hispida Harv.
Perennial. Shrub. Ht up to 1.5 m. Alt 800–1830 m. M, FS, KZN

hornbyi Wild
Perennial. Shrub. Ht 2–4 m. Alt 0–300 m. KZN

inaequilatera Garcke
Perennial. Tree or shrub. Ht up to 7 m. Alt 245–275 m. B, LIM, M

kwebensis N.E.Br. = **G. bicolor** var. **bicolor**

lasiocarpa E.Mey. ex Harv.
Perennial. Shrub or climber. Ht up to 5 m. Alt 5–1220 m. KZN, EC

messinica Burtt Davy & Greenway = **G. hexamita**

microthyrsa K.Schum. ex Burret
Perennial. Shrub. Ht up to 3 m. Alt 20–1050 m. LIM, KZN

miniata Mast. ex Hiern = **G. bicolor** var. **bicolor**

monticola Sond.
G. cordata N.E.Br. (3)
G. discolor Harv. (3)
Perennial. Tree or shrub. Ht up to 5 m. Alt 20–1980 m. N, B, LIM, NW, G, M, S, KZN

occidentalis L. var. **occidentalis**
Perennial. Tree or shrub. Ht up to 3 m. Alt 2–2075 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

olukondae Schinz
G. flavescens Juss. var. *olukondae* (Schinz) Wild (4)
Perennial. Shrub. Ht up to 3 m. Alt 305–1500 m. N, B, LIM

pachycalyx K.Schum.
Perennial. Shrub. Ht up to 5 m. Alt ?–915 m. N, B

pondoensis Burret
Perennial. Tree, shrub or climber. Ht up to 5 m. Alt ?–305 m. KZN, EC

populifolia Vahl, illegitimate name = **G. tenax** var. **tenax**

praecox K.Schum.
Perennial. Tree or shrub. Ht up to 4 m. Alt 0–300 m. B

retinervis Burret
G. deserticola Ulbr. (3)
Perennial. Shrub. Ht up to 2 m. Alt 410–1950 m. N, B, LIM, NW

robusta Burch.
Perennial. Shrub. Ht up to 3 m. Alt 20–1372 m. WC, EC

rogersii Burtt Davy & Greenway
Perennial. Shrub. Ht up to 5 m. Alt ?–1525 m. LIM

schinzii K.Schum.
Perennial. Shrub. Ht 1.5–5 m. Alt 945–1005 m. N, B

schweickerdtii Burret = **G. hexamita**

subspathulata N.E.Br.
Perennial. Shrub. Ht up to 8 m. Alt 90–1600 m. N, B, LIM, NW, G, M, S, KZN

sulcata Mast. var. **sulcata**
Perennial. Shrub. Ht up to 3 m. Alt 245–610 m. LIM, M

tenax (Forssk.) Fiori var. **tenax**
G. populifolia Vahl, illegitimate name (3)
Perennial. Shrub. Ht up to 2 m. Alt 520–2000 m. N, B, LIM

vernicosa Schinz
Perennial. Shrub or dwarf shrub. Ht up to 1.5 m. Alt 457–1585 m. LIM, M

villosa Willd. var. **villosa**

Perennial. Shrub. Ht up to 3 m. Alt 60–1850 m. N, B, LIM, NW, M, S, KZN

SPARRMANNIA L.f. 4957000

(1) Killick. 1973. *The Flowering Plants of Africa* 42: t. 1663.
(2) Wild. 1984. *FSA* 21: 29–31.
(3) Codd & Nicholas. 1989. *Taxon* 38: 669, 670.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 176.

africana L.f.
Perennial. Shrub. Ht 2–7 m. Alt 10–610 m. WC, EC

palmata E.Mey. ex Harv. = **S. ricinocarpa**

ricinocarpa (Eckl. & Zeyh.) Kuntze
S. palmata E.Mey. ex Harv. (2)
Perennial. Shrub. Ht 0.5–3.04 m. Alt 365–2133 m. LIM, G, M, S, FS, KZN, L, EC

TRIUMFETTA L. 4975000

(1) Wild. 1963. *FZ* 2: 63–78.
(2) Wild. 1984. *FSA* 21: 20–28.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 176–178.

angolensis Sprague & Hutch.
Perennial. Herb. Ht 0.6–0.9 m. Alt up to 1280 m. N, LIM, NW, G

annua L. forma **annua**
Annual. Herb. Ht 0.2–0.6 m. Alt 945–1600 m. N, B, LIM, NW, G, M, S, KZN

annua L. forma **piligera** Sprague & Hutch.
Annual. Herb. Ht 0.2–0.6 m. Alt up to 1215 m. N, B, LIM, NW, G, KZN

benguelensis Wawra ex Wawra & Peyr.
Perennial. Shrub. Ht 0.6–1.5 m. Alt? N

dekindtiana Engl.
Perennial. Herb. Ht 0.5–1 m. Alt up to 1500 m. LIM

delicatula Sprague & Hutch.
Perennial. Shrub. Ht up to 0.8 m. Alt? N

effusa E.Mey. ex Harv. = **T. pilosa** var. **effusa**

hirsuta Sprague & Hutch. = **T. welwitschii** var. **hirsuta**

obtusicornis Sprague & Hutch.
Perennial. Shrub, prostrate. Length ± 1 m. Alt up to 1675 m. G, M

pentandra A.Rich. var. **pentandra**
Annual. Herb. Ht 0.2–2 m. Alt 379–1050 m. N, B, LIM, M

pilosa Roth var. **effusa** (E.Mey. ex Harv.) Wild
T. effusa E.Mey. ex Harv. (2)
Perennial. Shrub. Ht 0.55–1.82 m. Alt 12–1770 m. LIM, NW, G, M, S, KZN, EC

pilosa Roth var. **pilosa**
Perennial. Shrub. Ht ± 1.3 m. Alt? LIM

pilosa Roth var. **tomentosa** Szyszyl. ex Sprague & Hutch.
Perennial. Shrub. Ht 0.4–2.13 m. Alt 15–1740 m. B, LIM, NW, G, M, S, KZN, EC

rehmannii Szyszyl. = **T. welwitschii** var. **welwitschii**

rhomboidea Jacq. var. **rhomboidea**
Annual, occ. perennial. Shrub, herb. Ht 0.01–2 m. Alt 5–1280 m. N, B, LIM, NW, G, M, S, KZN, EC

sonderi Ficalho & Hiern
T. trichocarpa Sond. (2)
Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 900–1700 m. LIM, NW, G, M

tomentosa Bojer var. **tomentosa**
Perennial. Shrub. Ht up to 3 m. Alt? N

trichocarpa Sond. = **T. sonderi**

welwitschii Mast. var. **hirsuta** (Sprague & Hutch.) Wild
T. hirsuta Sprague & Hutch. (2)
Perennial. Herb. Ht 0.16–0.5 m. Alt 460–1525 m. LIM, M, S, KZN

welwitschii Mast. var. **welwitschii**
T. rehmannii Szyszyl. (2)
Perennial. Herb. Ht 0.2–0.91 m. Alt 365–1480 m. LIM, M, KZN

TRAPACEAE

Compiled by R.P. Glen & C.L. Bredenkamp

TRAPA L. 5829000

(1) Brenan. 1978. *FZ* 4: 346–348.
(2) Verdcourt. 1986. *Kew Bulletin* 41: 447–449.
(3) Kadono. 1987. *Acta Phytotaxonomica et Geobotanica* 38: 206, 208, 209.
(4) Verdcourt. 1998. *Bothalia* 28: 11–14.

Note: *Trapa* is in a state of flux at the moment, and is being revised by Symoens for various African floras. Owing to poorly collected material there is insufficient information on the nuts in the *FSA* region to distinguish the different varieties. Currently *T. natans* should therefore be treated in the wider sense [(3) & C.D.K. Cook, pers. comm.].

natans L. var. **bispinosa** (Roxb.) Makino
Annual, occ. perennial. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 930–1030 m. N, B

natans L. var. **pumila** Nakano ex Verdc.
Annual, occ. perennial. Herb, hydrophyte: epihydate. Ht depending on depth of water. Alt 6–90 m. KZN

TURNERACEAE

Compiled by C.L. Bredenkamp

PIRIQUETA Aubl. 5357000

(1) Obermeyer. 1976. *FSA* 22: 98–101.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54.

capensis (Harv.) Urb.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 155–1220 m. LIM, NW, G, M, S, KZN

STREPTOPETALUM Hochst. 5356000

(1) Obermeyer. 1976. *FSA* 22: 98.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54.

serratum Hochst.
Annual, occ. perennial. Dwarf shrub. Ht up to 0.4 m. Alt 425–1220 m. N, B, LIM

TRICLICERAS Thonn. ex DC. 5355000

(1) Schreiber. 1968. *FSWA* 88: 1–4.
(2) Fernandes. 1975. *Boletim da Sociedade Broteriana* 49: 15–25.
(3) Obermeyer. 1976. *FSA* 22: 93–98.
(4) Obermeyer. 1978. *Bothalia* 12: 453.
(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54, 55.

glanduliferum (Klotzsch) R.Fern.
Wormskioldia glandulifera Klotzsch (2)
Annual. Herb. Ht 0.15–0.4 m. Alt 275–915 m. N, B, LIM, M, S

laceratum (Oberm.) Oberm.
Wormskioldia lacerata Oberm. (4)
Perennial. Herb. Ht 0.15–0.3 m. Alt 91–950 m. LIM, M, S

lobatum (Urb.) R.Fern.
Wormskioldia lobata Urb. (2)
Annual. Herb. Ht up to 0.6 m. Alt up to 930 m. N, B

longepedunculatum (Mast.) R.Fern. var. **longepedunculatum**
Wormskioldia longipedunculata Mast. (2)
Perennial. Herb. Ht 0.12–0.4 m. Alt 303–1525 m. N, B, LIM, M, S

mossambicense (A.Fern. & R.Fern.) R.Fern.
Wormskioldia mossambicensis A.Fern. & R.Fern. (2)
Perennial. Herb. Ht 0.3–0.4 m. Alt 30–85 m. KZN

schinzii (Urb.) R.Fern. subsp. **schinzii** var. **juttae** (Dinter & Urb.) R.Fern.
Wormskioldia schinzii Urb. (4)
Perennial. Herb. Ht 0.11–0.38 m. Alt 950–1065 m. N, B, LIM, NW, M

tanacetifolium (Klotzsch) R.Fern.
Wormskioldia tanacetifolia Klotzsch (2)
Annual. Herb. Ht 0.22–0.6 m. Alt 335–800 m. M

TURNERA L. 5360000

(1) Linnaeus. 1753. *Species plantarum* edn 1: 271.
(2) Obermeyer. 1976. *FSA* 22: 102, 103.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 55.

oculata Story var. **oculata**
Perennial. Shrub. Ht up to 1.82 m. Alt 700–1830 m. N

oculata Story var. **paucipilosa** Oberm.
Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. Alt? N

WORMSKIOLDIA Thonn. 5355010

glandulifera Klotzsch = **Tricliceras glanduliferum**

lacerata Oberm. = **Tricliceras laceratum**

lobata Urb. = **Tricliceras lobatum**

longipedunculata Mast. = **Tricliceras longepedunculatum** var. **longepedunculatum**

mossambicensis A.Fern. & R.Fern. = **Tricliceras mossambicense**

schinzii Urb. = **Tricliceras** subsp. **schinzii** var. **juttae**

tanacetifolia Klotzsch = **Tricliceras tanacetifolium**

ULMACEAE

Compiled by M. Jordaan

*ULMUS L. 1896000

(1) Bailey & Bailey. 1977. *Hortus third*: 1137, 1138.
(2) Yeo. 1989. *European garden flora* 3: 80–85.

parvifolia Jacq.
Perennial. Tree. Ht 2–25 m. Alt 800–1700 m. G, FS, EC

procera Salisb.
Perennial. Tree. Ht 2–40 m. Alt 800–1500 m. G, EC

URTICACEAE

Compiled by M. Jordaan

AUSTRALINA Gaudich. 2014000

acuminata Wedd. = **Didymodoxa caffra**

caffra (Thunb.) Prain = **Didymodoxa caffra**

capensis Wedd. = **Didymodoxa capensis** var. **integrifolia**

integrifolia Wedd. = **Didymodoxa capensis** var. **integrifolia**

paarlensis N.E.Br. = **Didymodoxa capensis** var. **integrifolia**

procumbens N.E.Br. = **Didymodoxa capensis** var. **capensis**

thunbergii N.E.Br. = **Didymodoxa capensis** var. **capensis**

DIDYMODOXA Wedd. 2014010

(1) Friis & Wilmot-Dear. 1985. *Boletim da Sociedade Broteriana* 58: 210–214.
(2) Friis *et al.* 1987. *Nordic Journal of Botany* 7: 126.
(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 45–53.
(4) Friis. 1991. *FZ* 9,6: 114–116.
(5) Friis & Immelman. 2001. *FSA* 9: 29–32.

caffra (Thunb.) Friis & Wilmot-Dear
Australina acuminata Wedd. (1)
Australina caffra (Thunb.) Prain (1)
Annual. Herb. Ht 0.2–0.5 m. Alt 10–1740 m. N, LIM, G, M, FS, KZN, L, EC

capensis (L.f.) Friis & Wilmot-Dear var. **capensis**
Australina procumbens N.E.Br. (2)
Australina thunbergii N.E.Br. (2)
Urtica capensis L.f. (2)
Annual. Herb. Ht 0.1–0.35 m. Alt 50–1280 m. N, NC, WC

capensis (L.f.) Friis & Wilmot-Dear var. **integrifolia** (Wedd.) Friis & Wilmot-Dear
Australina capensis Wedd. (2)
Australina integrifolia Wedd. (2)
Australina paarlensis N.E.Br. (2)
D. integrifolia (Wedd.) Wedd. (2)
Annual. Herb. Ht 0.1–0.35 m. Alt 0–300 m. NC, WC

integrifolia (Wedd.) Wedd. = **D. capensis** var. **integrifolia**

DROGUETIA Gaudich. 2013000

(1) Friis. 1986. *Taxon* 35: 701–705.
(2) Friis *et al.* 1987. *Nordic Journal of Botany* 7: 126.
(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 36–45.
(4) Friis. 1991. *FZ* 9,6: 112–114.
(5) Friis & Immelman. 2001. *FSA* 9: 26–29.

ambigua Wedd.
D. urticaefolia Wedd. (2)
Perennial. Herb. Ht 0.2–0.4 m. Alt 0–300 m. KZN, EC

burchellii N.E.Br. = **D. iners** subsp. **burchellii**

iners (Forssk.) Schweinf. subsp. **burchellii** (N.E.Br.) Friis & Wilmot-Dear
D. burchellii N.E.Br. (2)
Perennial. Herb. Ht 0.3–0.5 m. Alt 0–244 m. KZN, WC, EC

iners (Forssk.) Schweinf. subsp. **iners**
D. thunbergii N.E.Br. (3)
D. woodii N.E.Br. (3)
Perennial. Herb. Ht 0.1–1.5 m. Alt 30–1000 m. KZN, EC

thunbergii N.E.Br. = **D. iners** subsp. **iners**

urticaefolia Wedd. = **D. ambigua**

woodii N.E.Br. = **D. iners** subsp. **iners**

FLEURYA Gaudich. 1982000

alatipes (Hook.f.) N.E.Br. = **Laportea alatipes**

grossa Wedd. = **Laportea grossa**

mitis (Wedd.) N.E.Br. = **Laportea peduncularis** subsp. **peduncularis**

FORSSKAOLEA L. 2012000

(1) Roessler. 1967. *FSWA* 17: 2–4.
(2) Merxmüller & Roessler. 1980. *Landbouwhogeschool Wageningen, Miscellaneous Papers* 19: 263–280.
(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 25–36.
(3) Friis & Immelman. 2001. *FSA* 9: 23–26.

candida L.f.
F. candida L.f. var. *virescens* Wedd. (1)
Perennial. Herb. Ht 0.1–1.5 m. Alt 50–2000 m. N, NC, WC, EC

candida L.f. var. *virescens* Wedd. = **F. candida**

eenii Rendle = **F. viridis**

hereroensis Schinz
Annual. Herb. Ht 0.25–1 m. Alt 50–600 m. N, NC

viridis Ehrenb. ex Webb
F. eenii Rendle (1)
Annual. Herb. Ht 0.2–1.2 m. Alt 520–900 m. N

GIRARDINIA Gaudich. 1983000

(1) Friis. 1981. *Kew Bulletin* 36: 143–157.
(2) Friis. 1991. *FZ* 9,6: 85–88.
(3) Friis & Immelman. 2001. *FSA* 9: 14–15.

condensata (Steud.) Wedd. = **G. diversifolia**

diversifolia (Link) Friis
G. condensata (Steud.) Wedd. (1)
G. heterophylla Decne. (1)
Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt 1000–1600 m. LIM, M, S

heterophylla Decne. = **G. diversifolia**

LAPORTEA Gaudich. 1980000

(1) Chew. 1965. *Gardens' Bulletin, Singapore* 21: 195–208.
(2) Chew. 1969. *Gardens' Bulletin, Singapore* 25: 111–177.
(3) Friis & Wilmot-Dear. 1985. *Boletim da Sociedade Broteriana* 58: 201–214.
(4) Friis. 1991. *FZ* 9,6: 88–96.
(5) Friis & Immelman. 2001. *FSA* 9: 10–14.

alatipes Hook.f.
Fleurya alatipes (Hook.f.) N.E.Br. (2)
Annual, occ. perennial. Herb. Ht 0.5–1.5 m. Alt 1400–1980 m. LIM, KZN, EC

caffra Chew = **L. peduncularis** subsp. **peduncularis**

grossa (Wedd.) Chew
Fleurya grossa Wedd. (2)
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 50–671 m. M, KZN, WC, EC

peduncularis (Wedd.) Chew subsp. **latidens** Friis
Annual. Herb. Ht 0.25–0.45 m. Alt 50–200 m. KZN, EC

peduncularis (Wedd.) Chew subsp. **peduncularis**
Fleurya mitis (Wedd.) N.E.Br. (2)
L. caffra Chew (3)
Annual, occ. perennial. Herb. Ht 0.5–1.5 m. Alt 100–1675 m. LIM, M, S, KZN, WC, EC

OBETIA Gaudich. 1979000

(1) Roessler. 1967. *FSWA* 17: 5.
(2) Friis. 1983. *Kew Bulletin* 38: 221–228.
(3) Friis. 1991. *FZ* 9,6: 85.
(4) Friis & Immelman. 2001. *FSA* 9: 8–10.

carruthersiana (Hiern) Rendle

Perennial. Tree. Ht up to 4 m. Alt? N

tenax (N.E.Br.) Friis
Urera tenax N.E.Br. (2)
Perennial. Tree or shrub. Ht 2–7 m. Alt 15–1830 m. B, LIM, NW, G, M, S, KZN, EC

PARIETARIA L. 2007000

(1) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 402.
(2) Friis & Immelman. 2001. *FSA* 9: 21, 22.

debilis G.Forst.
P. micrantha in sense of Hilliard & B.L.Burtt (2)
Annual, occ. perennial. Herb. Ht 0.17–0.45 m. Alt 285–3050 m. N, FS, KZN, L, EC

micrantha in sense of Hilliard & B.L.Burtt = **P. debilis**

PILEA Lindl. 1984000

(1) Letouzey. 1968. *Flore du Cameroun* 8: 158–179.
(2) Friis. 1989. *Kew Bulletin* 44: 557–600.
(3) Friis. 1991. *FZ* 9,6: 96–100.
(4) Friis & Immelman. 2001. *FSA* 9: 15–17.

rivularis Wedd.
P. worsdellii N.E.Br. (1)
Perennial. Herb. Ht 0.15–0.6 m. Alt 1800–2100 m. LIM, M, EC

worsdellii N.E.Br. = **P. rivularis**

POUZOLZIA Gaudich. 1992000

(1) Friis & Jellis. 1984. *Kew Bulletin* 39: 587–601.
(2) Friis. 1991. *FZ* 9,6: 108–112.
(3) Friis & Immelman. 2001. *FSA* 9: 17–21.

hypoleuca Wedd. = **P. mixta**

mixta Solms
P. hypoleuca Wedd. (1)
Perennial. Tree or shrub. Ht 1–4 m. Alt 105–1830 m. N, B, LIM, NW, G, M, S, KZN

parasitica (Forssk.) Schweinf.
P. procridioides (Wedd.) Wedd. (1)
Perennial. Herb. Ht 0.45–1 m. Alt 305–1220 m. LIM, M, S, KZN, EC

procridioides (Wedd.) Wedd. = **P. parasitica**

URERA Gaudich. 1978000

(1) Friis. 1985. *Nordic Journal of Botany* 5: 547–553.
(2) Friis *et al.* 1987. *Nordic Journal of Botany* 7: 126.
(3) Friis. 1991. *FZ* 9,6: 80–85.
(4) Friis & Immelman. 2001. *FSA* 9: 7, 8.

cameroonensis Wedd. = **U. trinervis**

tenax N.E.Br. = **Obetia tenax**

trinervis (Hochst.) Friis & Immelman
U. cameroonensis Wedd. (2)
U. woodii N.E.Br. (1)
Perennial. Climber. Ht 3–10 m. Alt 15–610 m. KZN, EC

woodii N.E.Br. = **U. trinervis**

URTICA L. 1974000

(1) Friis. 1989. *FTEA* Urticaceae: 3–5.
(2) Friis. 1991. *FZ* 9,6: 79–116.
(3) Friis & Immelman. 2001. *FSA* 9: 2–7.

burchellii N.E.Br. = **U. lobulata**

capensis L.f. = **Didymodoxa capensis** var. **capensis**

***dioica** L.
Perennial. Herb. Ht 0.3–1 m. Alt 1000–1920 m. NC, WC, EC

lobulata Blume
U. burchellii N.E.Br. (2)
Annual. Herb. Ht 0.3–0.8 m. Alt 90–2895 m. FS, KZN, L, NC, WC, EC

***urens** L.
Annual. Herb. Ht 0.1–0.5 m. Alt 20–2685 m. N, G, M, FS, KZN, L, NC, WC, EC

VAHLIACEAE

Compiled by A.M. Makwarela

BISTELLA Adans. 3201010

capensis (L.f.) Bullock = **Vahlia capensis** subsp. **capensis**

digyna (Retz.) Bullock = **Vahlia digyna**

RUSSELIA L.f. 3201020

capensis L.f. = **Vahlia capensis** subsp. **capensis**

VAHLIA Thunb. 3201000

(1) Bullock. 1966. *Acta Botanica Neerlandica* 15: 84, 85.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 180.
(3) Bridson. 1975. *Kew Bulletin* 30,1: 163–182.
(4) Bridson. 1975. *FTEA* Vahliaceae: 1–5.

capensis in sense of J.H.Ross, misapplied name = **V. capensis** subsp. **vulgaris** var. **longifolia**

capensis (L.f.) Thunb. subsp. **capensis**
Bistella capensis (L.f.) Bullock (3)
Russelia capensis L.f. (3)
V. glandulosa Schltr. ex Engl. (3)
Annual, occ. perennial. Herb. Ht 0.11–0.32 m. Alt 120–850 m. LIM, NW, NC, WC

capensis (L.f.) Thunb. subsp. **ellipticifolia** Bridson
Annual, occ. perennial. Herb, semidecumbent. Ht 0.13–0.2 m. Alt? N, NC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **latifolia** Burtt Davy
Annual, occ. perennial. Herb. Ht 0.1–0.14 m. Alt? G

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **linearis** E.Mey. ex Bridson
V. cynodonteti Dinter (3)
Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt 490–1525 m. N, B, LIM, NW, G, M, FS, L, NC, WC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **longifolia** (Gand.) Bridson
V. capensis in sense of J.H.Ross, misapplied name (2)
V. longifolia Gand. (3)

Annual, occ. perennial. Herb. Ht 0.13–0.4 m. Alt ?–1000 m. M, KZN

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **vulgaris**
Annual, occ. perennial. Herb. Ht 0.07–0.38 m. Alt 40–1420 m. N, B, LIM, NW, G, FS, KZN, NC, WC, EC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **linearis** & var. **longifolia**
Annual, occ. perennial. Herb. Ht 0.1–0.25 m. Alt ?–1100 m. B, LIM, M

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **linearis**
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt ?–1613 m. N, B

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **longifolia**
Annual, occ. perennial. Herb. Ht 0.11–0.43 m. Alt? LIM, G, M

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **verbasciflora**
Annual, occ. perennial. Herb. Ht up to 0.37 m. Alt? N

cynodonteti Dinter = **V. capensis** subsp. **vulgaris** var. **linearis**

digyna (Retz.) Kuntze
Bistella digyna (Retz.) Bullock (3)
Oldenlandia decumbens Spreng. (3)
Oldenlandia digyna Retz. (3)
V. menyharthii Schinz (3)
V. ramosissima DC. (3)
V. sessiliflora DC. (3)
V. viscosa Roxb. (3)
Annual. Herb. Ht 0.05–0.35 m. Alt 900–1000 m. B

glandulosa Schltr. ex Engl. = **V. capensis** subsp. **capensis**

longifolia Gand. = **V. capensis** subsp. **vulgaris** var. **longifolia**

menyharthii Schinz = **V. digyna**

ramosissima DC. = **V. digyna**

sessiliflora DC. = **V. digyna**

viscosa Roxb. = **V. digyna**

VALERIANACEAE

Compiled by W.G. Welman

*CENTRANTHUS DC. 8531000

(1) Richardson. 1976. *Flora europaea* 4: 55.

ruber (L.) DC.
Perennial. Herb. Ht 0.3–0.8 m. Alt 250–300 m. WC

VALERIANA L. 8532000

(1) Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 402–405.

capensis Thunb. var. **capensis**
Perennial. Herb. Ht 0.15–1.5 m. Alt 305–3333 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

capensis Thunb. var. **lanceolata** N.E.Br.
Perennial. Herb. Ht 0.2–0.6 m. Alt 1200–3000 m. KZN, L, EC

capensis Thunb. var. **nana** B.L.Burtt
Perennial. Herb. Ht 0.05–0.75 m. Alt 2200–3333 m. KZN, L, EC

VERBENACEAE

Compiled by E. Retief

BOUCHEA Cham. 7148020

adenostachya Schauer = **Chascanum adenostachyum**

caespitosa H.Pearson = **Chascanum caespitosum**

cuneifolia (L.f.) Schauer = **Chascanum cuneifolium**

hederacea Sond. = **Chascanum hederaceum** var. **hederaceum**

hederacea Sond. var. *natalensis* H.Pearson = **Chascanum hederaceum** var. **natalensis**

incisa H.Pearson = **Chascanum incisum**

integrifolia H.Pearson = **Chascanum integrifolium**

krookii Gürke ex Zahlbr. = **Chascanum krookii**

latifolia Harv. = **Chascanum latifolium** var. **latifolium**

latifolia Harv. var. *glabrescens* H.Pearson = **Chascanum latifolium** var. **glabrescens**

namaquana Bolus ex H.Pearson = **Chascanum namaquanum**

schlechteri Gürke = **Chascanum schlechteri**

CHASCANUM E.Mey. 7148030

(1) Pearson. 1905. *Transactions of the South African Philosophical Society* 15: 175–182.
(2) Moldenke. 1938. *Feddes Repertorium* 45: 114–156, 300–319.
(3) Moldenke. 1939. *Feddes Repertorium* 46: 1–12.
(4) Fernandes. 1984. *Boletim da Sociedade Broteriana* 57: 265–273.
(5) Gilbert. 1986. *Taxon* 35: 391–393.
(6) Verdcourt. 1992. *FTEA* Verbenaceae: 11–17.
(7) Retief & Herman. 1997. *Strelitzia* 6: 640, 641.
(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 687.

adenostachyum (Schauer) Moldenke
Bouchea adenostachya Schauer (4)
Plexipus adenostachyus (Schauer) R.Fern. (4)
Perennial. Herb. Ht 0.25–0.3 m. Alt 380–1675 m. B, NW, G, M, NC

caespitosum (H.Pearson) Moldenke (insufficiently known)
Bouchea caespitosa H.Pearson (4)
Plexipus caespitosus (H.Pearson) R.Fern. (4)

Perennial. Herb. Ht? Alt? Distr.?

cernuum (L.) E.Mey.
Buchnera cernua L. (4)
Plexipus cernuus (L.) R.Fern. (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 9–365 m. WC

cuneifolium (L.f.) E.Mey.
Bouchea cuneifolia (L.f.) Schauer (4)
Buchnera cuneifolia L.f. (4)
C. dehiscens (L.f.) Moldenke (4)
Plexipus cuneifolius (L.f.) Raf. (4)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–1341 m. KZN, EC

dehiscens (L.f.) Moldenke = **C. cuneifolium**

garipense E.Mey.
Plexipus garipensis (E.Mey.) R.Fern. (4)
Perennial. Herb. Ht 0.3–1 m. Alt 350–1400 m. N, NC

hederaceum (Sond.) Moldenke var. **hederaceum**
Bouchea hederacea Sond. (4)
Plexipus hederaceus (Sond.) R.Fern. var. *hederaceus* (4)
Perennial. Herb. Ht 0.1–0.45 m. Alt 120–1713 m. B, LIM, NW, G, M, S, FS, KZN, NC

hederaceum (Sond.) Moldenke var. **natalense** (H.Pearson) Moldenke
Bouchea hederacea Sond. var. *natalensis* H.Pearson (4)
Plexipus hederaceus (Sond.) R.Fern. var. *natalensis* (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.1–0.4 m. Alt 120–1131 m. LIM, NW, M, S, KZN

incisum (H.Pearson) Moldenke
Bouchea incisa H.Pearson (6)
Plexipus incisus (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.2–0.25 m. Alt 168–1676 m. LIM, G, M, S

incisum (H.Pearson) Moldenke var. *canescens* Moldenke = **C. pumilum**

integrifolium (H.Pearson) Moldenke
Bouchea integrifolia H.Pearson (4)
Plexipus integrifolius (H.Pearson) R.Fern. (4)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt ± 190 m. WC

krookii (Gürke ex Zahlbr.) Moldenke
Bouchea krookii Gürke ex Zahlbr. (4)
Plexipus krookii (Gürke ex Zahlbr.) R.Fern. (4)
Perennial. Herb. Ht 0.15–0.2 m. Alt ± 700 m. KZN

latifolium (Harv.) Moldenke var. **glabrescens** (H.Pearson) Moldenke
Bouchea latifolia Harv. var. *glabrescens* H.Pearson (4)
Plexipus latifolius (Harv.) R.Fern. var. *glabrescens* (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.4–0.5 m. Alt 765–1478 m. M, S

latifolium (Harv.) Moldenke var. **latifolium**
Bouchea latifolia Harv. (4)
Plexipus latifolius (Harv.) R.Fern. var. *latifolius* (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 640–1705 m. M, KZN

latifolium (Harv.) Moldenke var. **transvaalense** Moldenke
Plexipus latifolius (Harv.) R.Fern. var. *transvaalensis* (Moldenke) R.Fern. (4)
Perennial. Herb. Ht 0.35–0.45 m. Alt 1000–1350 m. M, S, KZN

lignosum Dinter ex Moldenke = **C. pumilum**

namaquanum (Bolus ex H.Pearson) Moldenke
Bouchea namaquana Bolus ex H.Pearson (4)
Plexipus namaquanus (Bolus ex H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.45–0.5 m. Alt ± 780 m. N, NC

pinnatifidum (L.f.) E.Mey. var. **pinnatifidum**
Buchnera pinnatifida L.f. (6)
Plexipus pinnatifidus (L.f.) R.Fern. var. *pinnatifidus* (4)
Perennial. Herb. Ht 0.1–0.5 m. Alt 290–1850 m. N, B, LIM, NW, G, M, FS, NC, EC

pinnatifidum (L.f.) E.Mey. var. **racemosum** Schinz ex Moldenke
Plexipus pinnatifidus (L.f.) R.Fern. var. *racemosus* (Schinz ex Moldenke) R.Fern. (4)
Perennial. Herb. Ht 0.2–0.5 m. Alt 262–1115 m. LIM, NW, M

pumilum E.Mey.
C. incisum (H.Pearson) Moldenke var. *canescens* Moldenke (4)
C. lignosum Dinter ex Moldenke (4)
Plexipus pumilus (E.Mey.) R.Fern. (4)
Perennial. Herb, semisucculent. Ht 0.2–0.55 m. Alt 650–1524 m. N, B, NW, NC, WC

schlechteri (Gürke) Moldenke
Bouchea schlechteri Gürke (4)
Plexipus schlechteri (Gürke) R.Fern. var. *schlechteri* (4)
Perennial. Herb. Ht 0.2–0.3 m. Alt 165–730 m. M, S, KZN

*DURANTA L. 7162000

(1) Verdcourt. 1992. *FTEA* Verbenaceae: 48, 49.
(2) Retief & Herman. 1997. *Strelitzia* 6: 642.

erecta L.
D. plumieri Jacq. (1)
D. repens L. (1)
Perennial. Shrub. Ht 3–4 m. Alt 100–2428 m. B, LIM, NW, M, S, KZN

plumieri Jacq. = **D. erecta**

repens L. = **D. erecta**

LANTANA L. 7144000

(1) Friedrich-Holzhammer. 1967. *FSWA* 122: 6, 7.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 37–47.
(3) Retief & Herman. 1997. *Strelitzia* 6: 642, 643.

africana L. = **Oftia africana**

angolensis Moldenke
Perennial. Shrub. Ht 0.5–1 m. Alt 22–1350 m. N, B

***camara** L.
Perennial. Shrub. Ht 0.5–3 m. Alt 6–1350 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

capensis Thunb. = **Teedia lucida**

crispa Thunb. = **Oftia africana**

dinteri Moldenke
L. namaensis Loes. ex Range (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 1095–1850 m. N

galpiniana H.Pearson = **Lippia javanica**

mearnsii Moldenke var. **latibracteolata** Moldenke
Shrub. Ht ± 1 m. Alt 304–1555 m. N, B, LIM, NW, M, S, FS, KZN

namaensis Loes. ex Range = **L. dinteri**

rugosa Thunb.
L. salviifolia Jacq. (1)
Perennial. Shrub. Ht up to 1 m. Alt 30–2160 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

salviifolia Jacq. = **L. rugosa**

***trifolia** L.
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt 168–1980 m. LIM, M, S, KZN

LIPPIA L. 7145000

(1) Pearson. 1912. *FC* 5,1: 192–197.
(2) Friedrich-Holzhammer. 1967. *FSWA* 122: 7, 8.
(3) Verdcourt. 1992. *FTEA* Verbenaceae: 27–37.
(4) Retief & Herman. 1997. *Strelitzia* 6: 643.

asperifolia Rich. = **L. javanica**

bazeiana H.Pearson = **L. rehmannii**

javanica (Burm.f.) Spreng.
Lantana galpiniana H.Pearson (1)
L. asperifolia Rich. (1)
Verbena javanica Burm.f. (1)
Perennial. Shrub. Ht 0.7–5 m. Alt 5–1920 m. B, LIM, NW, G, M, S, FS, KZN, EC

nodiflora (L.) Michx. = **Phyla nodiflora** var. **nodiflora**

ovata L. = **Microdon capitatus**

pearsonii Moldenke
L. volkii Moldenke (1)
Perennial. Herb. Ht ± 1 m. Alt ± 1000 m. N

pretoriensis H.Pearson
Perennial. Herb. Ht ± 0.6 m. Alt ± 1300 m. G

rehmannii H.Pearson
L. bazeiana H.Pearson (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 230–1500 m. G

repens Hort. = **Phyla nodiflora** var. **rosea**

scaberrima Sond.
Perennial. Herb. Ht 0.3–0.6 m. Alt 765–1800 m. B, NW, G, M, FS, NC

volkii Moldenke = **L. pearsonii**

wilmsii H.Pearson
Perennial. Shrub. Ht 0.6–1.3 m. Alt 135–1950 m. N, LIM, NW, G, M, FS, KZN, EC

*PHYLA Lour. 7145010

(1) Bailey & Bailey. 1977. *Hortus third*: 865.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 25–27.
(3) Retief & Herman. 1997. *Strelitzia* 6: 643.

nodiflora (L.) Greene var. **nodiflora**
Lippia nodiflora (L.) Michx. (1)
Perennial. Herb, procumbent. Ht ± 0.15 m. Alt 2–1525 m. LIM, G, M, NC, EC

nodiflora (L.) Greene var. **rosea** (D.Don) Moldenke
Lippia repens Hort. (1)
Perennial. Herb, procumbent. Ht ± 0.1 m. Alt 150–1370 m. FS, NC

PLEXIPUS Raf. 7148000

adenostachyus (Schauer) R.Fern. = **Chascanum adenostachyum**

caespitosus (H.Pearson) R.Fern. = **Chascanum caespitosum**

cernuus (L.) R.Fern. = **Chascanum cernuum**

cuneifolius (L.f.) Raf. = **Chascanum cuneifolium**

garipensis (E.Mey.) R.Fern. = **Chascanum garipense**

hederaceus (Sond.) R.Fern. var. *hederaceus* = **Chascanum hederaceum** var. **hederaceum**

hederaceus (Sond.) R.Fern. var. *natalensis* (H.Pearson) R.Fern. = **Chascanum hederaceum** var. **natalense**

incisus (H.Pearson) R.Fern. = **Chascanum incisum**

integrifolius (H.Pearson) R.Fern. = **Chascanum integrifolium**

krookii (Gürke ex Zahlbr.) R.Fern. = **Chascanum krookii**

latifolius (Harv.) R.Fern. var. *glabrescens* (H.Pearson) R.Fern. = **Chascanum latifolium** var. **glabrescens**

latifolius (Harv.) R.Fern. var. *latifolius* = **Chascanum latifolium** var. **latifolium**

latifolius (Harv.) R.Fern. var. *transvaalensis* (Moldenke) R.Fern. = **Chascanum latifolium** var. **transvaalense**

namaquanus (Bolus ex H.Pearson) R.Fern. = **Chascanum namaquanum**

pinnatifidus (L.f.) R.Fern. var. *pinnatifidus* = **Chascanum pinnatifidum** var. **pinnatifidum**

pinnatifidus (L.f.) R.Fern. var. *racemosus* (Schinz ex Moldenke) R.Fern. = **Chascanum pinnatifidum** var. **racemosum**

pumilus (E.Mey.) R.Fern. = **Chascanum pumilum**

schlechteri (Gürke) R.Fern. var. *schlechteri* = **Chascanum schlechteri**

PRIVA Adans. 7153000

(1) Moldenke. 1937. *Feddes Repertorium* 41: 1–76.
(2) Moldenke. 1979. *Phytologia* 44: 92–110.
(3) Verdcourt. 1992. *FTEA* Verbenaceae: 20–25.
(4) Retief & Herman. 1997. *Strelitzia* 6: 643.

abyssinica Jaub. & Spach = **P. cordifolia** var. **abyssinica**

adhaerens (Forssk.) Chiov. (insufficiently known)
Ruellia adhaerens Forssk. (1)

africana Moldenke
Perennial. Herb. Ht 0.3–0.45 m. Alt 460–1100 m. B, LIM, M, S, KZN

auricoccea A.Meeuse
Annual. Herb. Ht 0.5–0.8 m. Alt ± 1585 m. N

cordifolia (L.f.) Druce var. **abyssinica** (Jaub. & Spach) Moldenke
P. abyssinica Jaub. & Spach (1)
Perennial. Herb. Ht 0.3–1 m. Alt 105–1713 m. B, LIM, G, M, S, KZN

cordifolia (L.f.) Druce var. **australis** Moldenke
Perennial. Herb. Ht 1–1.6 m. Alt 190–1260 m. LIM, G, M, KZN

meyeri Jaub. & Spach var. **meyeri**
Perennial. Herb. Ht 0.5–1 m. Alt 15–1675 m. B, NW, G, M, S, FS, KZN, EC

*STACHYTARPHETA Vahl 7151000

(1) Herman. 1991. *Bothalia* 21: 57.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 17–20.

mutabilis (Jacq.) Vahl
Perennial. Shrub. Ht ± 3 m. Alt ± 770 m. M

urticifolia (Salisb.) Sims
Perennial. Herb. Ht 0.6–1 m. Alt ± 155 m. M, KZN

*VERBENA L. 7138000

(1) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 189.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 6–10.
(3) Retief & Herman. 1997. *Strelitzia* 6: 644.

aristigera S.Moore
V. tenera of author, not of Spreng., concept invalid (2)
V. tenuisecta Briq. (2)

Perennial. Herb. Ht 0.2–0.3 m. Alt 254–2500 m. B, LIM, NW, G, M, FS, KZN, EC

bonariensis L.
Annual. Herb. Ht 1–2 m. Alt 46–2135 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

brasiliensis Vell.
Annual, occ. short-lived perennial. Herb. Ht 0.5–1 m. Alt 580–1722 m. LIM, NW, G, M, S, L, NC, EC

javanica Burm.f. = **Lippia javanica**

litoralis Humb., Bonpl. & Kunth
Perennial. Herb. Ht 1–2 m. Alt 230–1800 m. N, KZN, L, NC, EC

officinalis L. in a broad sense
Annual. Herb. Ht ± 1 m. Alt 45–1675 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

rigida Spreng.
V. venosa Gillies & Hook. (2)
Perennial. Herb. Ht 0.3–1 m. Alt 140–1875 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

tenera of author, not of Spreng., concept invalid = **V. aristigera**

tenuisecta Briq. = **V. aristigera**

venosa Gillies & Hook. = **V. rigida**

VIOLACEAE

Compiled by C.L. Bredenkamp

HYBANTHUS Jacq. 5271000

(1) Robson. 1958. *Boletim da Sociedade Broteriana* 32: 164–170.
(2) Robson. 1960. *FZ* 1: 254–258.
(3) Obermeyer. 1976. *FSA* 22: 46–50.
(4) Grey-Wilson. 1981. *Kew Bulletin* 36: 103–110.
(5) Grey-Wilson. 1984. *Kew Bulletin* 39: 771–773.
(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 66, 67.

caffer (Sond.) Engl. = **H. enneaspermus** var. **caffer**

capensis (Thunb.) Engl.
H. natalensis (Harv.) Burtt Davy (3)
Perennial. Herb. Ht 0.01–0.25 m. Alt 5–1500 m. N, LIM, G, M, S, KZN, WC, EC

densifolius Engl.
Annual. Herb. Ht 0.06–0.2 m. Alt 700–945 m. N, B, NW, G, NC

***enneaspermus** (L.) F.Muell. var. **caffer** (Sond.) N.Robson
H. caffer (Sond.) Engl. (2)
Perennial. Herb. Ht up to 0.6 m. Alt ± 100 m. KZN

***enneaspermus** (L.) F.Muell. var. **enneaspermus**
H. hirtus (Klotzsch) Engl. var. *glabrescens* Engl. (2)
Perennial. Herb. Ht 0.2–0.5 m. Alt 10–1100 m. N, LIM, NW, G, M, KZN, EC

***enneaspermus** (L.) F.Muell. var. **serratus** Engl.
Perennial. Herb. Ht up to 0.45 m. Alt 150–1350 m. N, B, LIM

hirtus (Klotzsch) Engl. var. *glabrescens* Engl. = **H. enneaspermus** var. **enneaspermus**

natalensis (Harv.) Burtt Davy = **H. capensis**

***parviflorus** (L.f.) Baill.
Perennial. Herb. Length up to 0.3 m. Alt? KZN

RINOREA Aubl. 5262000

(1) Englcr. 1904. *Botanische Jahrbücher* 33: 135.
(2) Robson. 1960. *FZ* 1: 246–254.
(3) Obermeyer. 1976. *FSA* 22: 42–46.
(4) Grey-Wilson. 1981. *Kew Bulletin* 36: 110–123.
(5) Grey-Wilson. 1984. *Kew Bulletin* 39: 773.
(6) Van Wyk. 1983. *South African Journal of Botany* 2: 168–172.
(7) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 67–69.
(8) Achoundong & Bos. 1999. *Adansonia* 21: 125–131.

angustifolia (Thouars) Baill. subsp. **natalensis** (Engl.) Grey-Wilson
R. natalensis Engl. (4)
Perennial. Tree, shrub. Ht 1.5–7.62 m. Alt 30–1830 m. LIM, M, S, KZN, EC

domatiosa A.E.van Wyk
Perennial. Tree, shrub. Ht 1.5–8 m. Alt? KZN, EC

ilicifolia (Welw. ex Oliv.) Kuntze subsp. **ilicifolia** var. **ilicifolia**
Perennial. Tree, shrub. Ht up to 5 m. Alt ± 400 m. KZN

natalensis Engl. = **R. angustifolia** subsp. **natalensis**

VIOLA L. 5274000

(1) Jessop. 1967. *The Flowering Plants of Africa* 38: t. 1500.
(2) Valentine *et al.* 1968. *Flora europaea* 2: 270–282.
(3) Obermeyer. 1976. *FSA* 22: 50–52.
(4) Walters. 1997. *European garden flora* 5: 250–257.

abyssinica Steud. ex Oliv.
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–2166 m. LIM

***arvensis** Murray
Annual. Herb. Ht up to 0.3 m. Alt? WC, EC

decumbens L.f. var. **decumbens**
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–1214 m. WC, EC

decumbens L.f. var. **scrotiformis** (DC.) Jessop
V. scrotiformis DC. (3)
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 121–1525 m. WC

scrotiformis DC. = **V. decumbens** var. **scrotiformis**

***tricolor** L.
Annual, rarely perennial. Herb. Ht 0.15–0.25 m. Alt up to 1463 m. LIM, KZN

VISCACEAE

Compiled by G. Germishuizen

ASPIDIXIA Tiegh. 2093010

anceps E.Mey. ex Tiegh., naked name = **Viscum anceps**

bivalvis Tiegh. = **Viscum obscurum**

capensis (L.f.) Tiegh. = **Viscum capense**

minima (Harv.) Tiegh. = **Viscum minimum**

robusta (Eckl. & Zeyh.) Tiegh. = **Viscum capense**

VISCUM L. 2093000

(1) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 645B.
(2) Wiens & Toelken. 1979. *FSA* 10: 43–56.
(3) Gilbert *et al.* 1985. *Nordic Journal of Botany* 5: 221–224.
(4) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 184, 185.
(5) Polhill & Wiens. 1998. *Mistletoes of Africa*: 279–307.

anceps E.Mey. ex Sprague
Aspidixia anceps E.Mey. ex Tiegh., naked name (2)
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 5–915 m. KZN, EC

bivalve (Tiegh.) Engl. = **V. obscurum**

bosciae-foetidae Dinter = **V. rotundifolium**

brevifolium (Harv.) Engl. = **V. obscurum**

capense L.f.
Aspidixia capensis (L.f.) Tiegh. (2)
Aspidixia robusta (Eckl. & Zeyh.) Tiegh. (2)
V. rigidum Engl. & K.Krause (2)
V. robustum Eckl. & Zeyh. (2)
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 4–1465 m. N, LIM, M, NC, WC

capense L.f. subsp. *hoolei* Wiens = **V. hoolei**

combreticola Engl.
Perennial. Shrub, parasite. Ht 0.5–2 m. Alt 425–1555 m. LIM, NW, G, M, FS

continuum E.Mey. ex Sprague
Perennial. Shrub, parasite. Ht 1–1.5 m. Alt 90–1020 m. WC, EC

crassulae Eckl. & Zeyh.
V. euphorbiae E.Mey. ex Drège (2)
Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 155–550 m. WC, EC

dielsianum Dinter ex Neusser
Perennial. Shrub, parasite. Ht ± 0.5 m. Alt? N, NC

eucleae Eckl. & Zeyh. = **V. pauciflorum**

euphorbiae E.Mey. ex Drège = **V. crassulae**

galpinianum Schinz = **V. subserratum**

glaucum Eckl. & Zeyh. = **V. rotundifolium**

hoolei Wiens
V. capense L.f. subsp. *hoolei* Wiens (5)
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 140–1520 m. FS, L, WC, EC

macowanii Engl. = **V. rotundifolium**

menyharthii Engl. & Schinz
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 155–945 m. N, LIM

minimum Harv.
Aspidixia minima (Harv.) Tiegh. (2)
Perennial. Herb, parasite. Ht ± 0.03 m. Alt ?–650 m. EC

nervosum Hochst. ex A.Rich. = **V. triflorum**

obovatum Harv.
V. pulchellum Sprague (2)
Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 3–610 m. S, KZN, EC

obscurum Thunb.
Aspidixia bivalvis Tiegh. (2)
V. bivalve (Tiegh.) Engl. (2)
V. brevifolium (Harv.) Engl. (2)
V. obscurum Thunb. var. *brevifolium* Harv. (2)
V. obscurum Thunb. var. *longiflorum* Harv. (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt 10–1585 m. LIM, M, S, KZN, EC, WC

obscurum Thunb. var. *brevifolium* Harv. = **V. obscurum**

obscurum Thunb. var. *longiflorum* Harv. = **V. obscurum**

oreophilum Wiens
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt ?–1555 m. LIM, M, S

pauciflorum L.f.
V. eucleae Eckl. & Zeyh. (2)
V. pauciflorum L.f. var. *eucleae* (Eckl. & Zeyh.) Harv. (2)
Perennial. Shrub, parasite. Ht 0.3–0.75 m. Alt 30–970 m. NC, WC

pauciflorum L.f. var. *eucleae* (Eckl. & Zeyh.) Harv. = **V. pauciflorum**

pulchellum Sprague = **V. obovatum**

rigidum Engl. & K.Krause = **V. capense**

robustum Eckl. & Zeyh. = **V. capense**

rotundifolium L.f.
V. bosciae-foetidae Dinter (2)
V. glaucum Eckl. & Zeyh. (2)
V. macowanii Engl. (2)
V. thymifolium C.Presl (2)
V. tricostatum E.Mey. ex Harv. (2)
V. ziziphi-mucronati Dinter (2)
Perennial. Shrub, parasite. Ht 0.2–0.5 m. Alt 10–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

schaeferi Engl. & K.Krause
Perennial. Shrub, parasite. Ht ± 0.2 m. Alt ?–915 m. N, NW, NC

spragueanum Burtt Davy = **V. tuberculatum**

subserratum Schltr.
V. galpinianum Schinz (2)
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 250–1790 m. LIM, G, M, S, KZN

thymifolium C.Presl = **V. rotundifolium**

tricostatum E.Mey. ex Harv. = **V. rotundifolium**

triflorum DC.
V. nervosum Hochst. ex A.Rich. (4)
V. triflorum DC. subsp. *nervosum* (Hochst. ex A.Rich.) M.G.Gilbert (4)
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt? LIM, M, S, KZN, EC

triflorum DC. subsp. *nervosum* (Hochst. ex A.Rich.) M.G.Gilbert = **V. triflorum**

tuberculatum A.Rich.
V. sprague anum Burtt Davy (5)
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 400–1555 m. N, LIM, NW, G, M

verrucosum Harv.
Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 60–1525 m. N, B, LIM, NW, G, M, S, KZN

ziziphi-mucronati Dinter = **V. rotundifolium**

VITACEAE

Compiled by E. Retief

AMPELOCISSUS Planch. 4910000

(1) Wild & Drummond. 1963. *FZ* 2: 439–443.
(2) Merxmüller & Schreiber. 1969. *FSWA* 80: 1, 2.
(3) Verdcourt. 1993. *FTEA* Vitaceae: 2–8.
(4) Retief & Herman. 1997. *Strelitzia* 6: 648.

africana (Lour.) Merr.
Perennial. Climber. Ht indefinite. Alt ± 1000 m. N, B

kirkiana Planch. = **A. obtusata** subsp. **kirkiana**

obtusata (Welw. ex Baker) Planch. subsp. **kirkiana** (Planch.) Wild & R.B.Drumm.
A. kirkiana Planch. (1)
Perennial. Climber. Ht indefinite. Alt 350–600 m. N, B, LIM

CAYRATIA Juss. 4918020

(1) Wild & Drummond. 1963. *FZ* 2: 491, 492.
(2) Verdcourt. 1993. *FTEA* Vitaceae: 136–139.
(3) Retief & Herman. 1997. *Strelitzia* 6: 648.

gracilis (Guill. & Perr.) Suess.
Cissus gracilis Guill. & Perr. (1)
Perennial. Climber. Ht indefinite. Alt 800–1050 m. LIM, M

CISSUS L. 4918000

(1) Wild & Drummond. 1963. *FZ* 2: 448–459.
(2) Merxmüller & Schreiber. 1969. *FSWA* 80: 2, 3.
(3) Verdcourt. 1993. *FTEA* Vitaceae: 2–8.
(4) Retief & Herman. 1997. *Strelitzia* 6: 648.

anatomicus C.A.Sm. = **Cyphostemma anatomicum**

bainesii Hook.f. = **Cyphostemma bainesii**

capensis Willd. = **Rhoicissus tomentosa**

cirrhosa (Thunb.) Willd. = **Cyphostemma cirrhosum** subsp. **cirrhosum**

cirrhosa (Thunb.) Willd. var. *glabra* Harv. = **Cyphostemma quinatum**

cirrhosa (Thunb.) Willd. var. *transvaalensis* (Szyszyl.) Burtt Davy & R.Pott = **Cyphostemma cirrhosum** subsp. **transvaalense**

connivens Lam. = **Cyphostemma natalitium**

cornifolia (Baker) Planch.
C. lonicerifolia C.A.Sm. (1)
Perennial. Shrub, climber. Ht up to 3 m. Alt 300–1250 m. B, LIM, M

cramerianus Schinz = **Cyphostemma currorii**

crassifolia Gilg
C. succulenta (Galpin) Burtt Davy (3)
C. tetragona Harv. (3)
Vitis succulenta Galpin (3)
Perennial. Climber, succulent. Ht indefinite. Alt 160–1000 m. LIM, M, S, KZN

cuneifolia Eckl. & Zeyh. = **Rhoicissus tridentata** subsp. **cuneifolia**

currorii Hook.f. = **Cyphostemma currorii**

cussonioides Schinz
Perennial. Herb. Ht 0.5–0.75 m. Alt 1400–1700 m. KZN

dasypleurus C.A.Sm. = **Cyphostemma dasypleurum**

dinteri Schinz = **C. nymphaeifolia**

diversilobata C.A.Sm.
Perennial. Herb. Ht ± 1 m. Alt 800–1100 m. M, S, KZN

fleckii Schinz = **Cyphostemma congestum**

fragilis E.Mey. ex Kunth
Perennial. Climber. Ht indefinite. Alt 200–1400 m. M, KZN, EC

gracilis Guill. & Perr. = **Cayratia gracilis**

hereroensis Schinz = **Cyphostemma hereroense**

hispidiflorus C.A.Sm. = **Cyphostemma hispidiflorum**

humilis (N.E.Br.) Planch. = **Cyphostemma humile** subsp. **humile**

hypoleuca Harv. = **Cyphostemma hypoleucum**

integrifolia (Baker) Planch.
Perennial. Climber. Ht indefinite. Alt ± 900 m. N

juttae Dinter & Gilg = **Cyphostemma juttae**

lanigera Harv. = **Cyphostemma lanigerum**

lonicerifolia C.A.Sm. = **C. cornifolia**

natalitia (Szyszyl.) Codd = **Cyphostemma natalitium**

nymphaeifolia (Welw. ex Baker) Planch.
C. dinteri Schinz (3)
Perennial. Shrub. Ht up to 3 m. Alt 1200–1500 m. N

oleraceus Bolus = **Cyphostemma oleraceum**

omburensis Gilg & M.Brandt = **Cyphostemma omburense**

orientalis in sense of Harv., not of Lam., misapplied name = **Cyphostemma natalitium**

puberula C.A.Sm. = **Cyphostemma puberulum**

quadrangularis L. var. **quadrangularis**
Vitis quadrangularis (L.) Wall. ex Wight & Arn. (1)
Perennial. Climber, succulent. Ht indefinite. Alt 300–1000 m. LIM, M

quinata Dryand. = **Cyphostemma quinatum**

rhomboidea E.Mey. ex Harv. = **Rhoicissus rhomboidea**

rotundifolia (Forssk.) Vahl
Perennial. Climber. Ht indefinite. Alt 50–350 m. M, S, KZN

ruacanensis Exell & Mendonça = **Cyphostemma ruacanense**

sandersonii Harv. = **Cyphostemma sandersonii**

sandersonii Harv. var. *transvaalensis* (Szyszyl.) C.A.Sm. = **Cyphostemma cirrhosum** subsp. **transvaalense**

schlechteri Gilg & M.Brandt = **Cyphostemma schlechteri**

segmentatum C.A.Sm. = **Cyphostemma segmentatum**

seitziana Gilg & M.Brandt = **Cyphostemma bainesii**

simulans C.A.Sm. = **Cyphostemma simulans**

spinosopilosum Gilg & M.Brandt = **Cyphostemma spinosopilosum**

subciliata (Baker) Planch. = **Cyphostemma subciliatum**

succulenta (Galpin) Burtt Davy = **C. crassifolia**

sulcatus C.A.Sm. = **Cyphostemma sulcatum**

tetragona Harv. = **C. crassifolia**

thunbergii Eckl. & Zeyh., illegitimate name = **Rhoicissus digitata**

unguiformifolius C.A.Sm. = **Cyphostemma schlechteri**

unifoliata Harv. = **Rhoicissus microphylla**

uter Exell & Mendonça = **Cyphostemma uter**

woodii Gilg & M.Brandt = **Cyphostemma woodii**

CYPHOSTEMMA (Planch.) Alston 4918010

(1) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 972.
(2) Descoings. 1960. *Notulae systematicae* 16: 113–125.
(3) Wild & Drummond. 1963. *FZ* 2: 459–491.
(4) Merxmüller & Schreiber. 1969. *FSWA* 80: 3–8.
(5) Van der Merwe. 1971. *Bothalia* 10: 436.
(6) Retief. 1981. *Bothalia* 13: 460, 461.
(7) Retief & Glen. 1987. *The Flowering Plants of Africa* 49: tt. 1954–1956.
(8) Retief. 1993. *The Flowering Plants of Africa* 52: t. 2074.
(9) Verdcourt. 1993. *FTEA* Vitaceae: 48–136.
(10) Retief & Van Wyk. 1996. *South African Journal of Botany* 62: 183–187.
(11) Retief & Herman. 1997. *Strelitzia* 6: 648–650.
(12) Retief. 2000. *Strelitzia* 9: 688.

anatomicum (C.A.Sm.) Wild & R.B.Drumm.
Cissus anatomicus C.A.Sm. (3)
Perennial. Climber. Ht indefinite. Alt 1075–1700 m. LIM, M, KZN

bainesii (Hook.f.) Desc.
Cissus bainesii Hook.f. (4)
Cissus seitziana Gilg & M.Brandt (4)
C. seitzianum (Gilg & M.Brandt) Desc. (4)
Perennial. Tree, shrub, succulent. Ht 0.5–1 m. Alt 1200–1400 m. N

barbosae Wild & R.B.Drumm.
Perennial. Herb. Ht ± 1 m. Alt ± 600 m. M, S, KZN

bororense (Klotzsch) Desc. ex Wild & R.B.Drumm.
Perennial. Climber, succulent. Ht indefinite. Alt 300–1000 m. N

buchananii (Planch.) Desc. ex Wild & R.B.Drumm.
Perennial. Climber. Ht indefinite. Alt 700–850 m. LIM, M

cirrhosum (Thunb.) Desc. ex Wild & R.B.Drumm. subsp. **cirrhosum**
Cissus cirrhosa (Thunb.) Willd. (3).
Perennial. Climber. Ht indefinite. Alt 200–1150 m. KZN, EC

cirrhosum (Thunb.) Desc. ex Wild & R.B.Drumm. subsp. **transvaalense** (Szyszyl.) C.A.Sm.
Cissus cirrhosa (Thunb.) Willd. var. *transvaalensis* (Szyszyl.) Burtt Davy & R.Pott (3)
Cissus sandersonii Harv. var. *transvaalensis* (Szyszyl.) C.A.Sm. (3)
Vitis cirrhosa Thunb. var. *transvaalensis* Szyszyl. (3)
Perennial. Climber. Ht indefinite. Alt 1000–1400 m. B, NW, G

congestum (Baker) Desc. ex Wild & R.B.Drumm.
Cissus fleckii Schinz (3)
C. fleckii (Schinz) Desc. (4)
Vitis congesta Baker (3)
Perennial. Scrambler. Length indefinite Alt 900–1600 m. N, B

cramerianus (Schinz) Desc. = **C. currorii**

currorii (Hook.f.) Desc.
Cissus cramerianus Schinz (4)
Cissus currorii Hook.f. (4)
C. cramerianus (Schinz) Desc. (4)
Perennial. Tree, succulent. Ht up to 7 m. Alt 1154–1800 m. N

dasypleurum (C.A.Sm.) J.J.M.van der Merwe
Cissus dasypleurus C.A.Sm. (5)
Perennial. Scrambler. Ht indefinite. Alt 800–1300 m. LIM

dolichopus C.A.Sm. = **C. humile** subsp. **dolichopus**

flaviflorum (Sprague) Desc.
Perennial. Climber, succulent. Ht indefinite. Alt 0–50 m. KZN

fleckii (Schinz) Desc. = **C. congestum**

hardyi Retief
Perennial. Shrub, succulent. Ht ± 0.5 m. Alt ± 1480 m. LIM

hereroense (Schinz) Desc. ex Wild & R.B.Drumm.
Cissus hereroensis Schinz (3)
Perennial. Scrambler. Length indefinite. Alt 800–1400 m. N, B, LIM, NW, FS, NC

hispidiflorum (C.A.Sm.) J.J.M.van der Merwe
Cissus hispidiflorus C.A.Sm. (5)
Perennial. Herb. Ht ± 0.3 m. Alt 960–1408 m. LIM, G

humile (N.E.Br.) Desc. ex Wild & R.B.Drumm. subsp. **dolichopus** (C.A.Sm.) Wild & R.B.Drumm.
C. dolichopus C.A.Sm. (3)
Perennial. Succulent, scrambler. Ht indefinite. Alt 1000–1800 m. LIM, NW, G, M, S

humile (N.E.Br.) Desc. ex Wild & R.B.Drumm. subsp. **humile**
Cissus humilis (N.E.Br.) Planch. (3)
Vitis humilis N.E.Br. (3)
Perennial. Succulent, scrambler. Ht indefinite. Alt 1100–1500 m. KZN, EC

hypoleucum (Harv.) Desc. ex Wild & R.B.Drumm.
Cissus hypoleuca Harv. (3)
Perennial. Climber. Ht indefinite. Alt 5–1300 m. KZN, EC

juttae (Dinter & Gilg) Desc.
Cissus juttae Dinter & Gilg (4)
Perennial. Tree, succulent. Ht 1–2 m. Alt 1000–1200 m. N

lanigerum (Harv.) Desc. ex Wild & R.B.Drumm.
Cissus lanigera Harv. (3)
Perennial. Climber. Ht indefinite. Alt 1300–1500 m. LIM, NW, G, M

natalitium (Szyszyl.) J.J.M.van der Merwe
Cissus connivens Lam. (5)

Cissus natalitia (Szyszyl.) Codd (5)
Cissus orientalis in sense of Harv., not of Lam., misapplied name (4)
Perennial. Climber. Ht indefinite. Alt 10–1500 m. KZN, EC

oleraceum (Bolus) J.J.M.van der Merwe
Cissus oleraceus Bolus (5)
Perennial. Scrambler. Length up to 1.5 m. Alt 1000–2000 m. LIM, M

omburense (Gilg & M.Brandt) Desc.
Cissus omburensis Gilg & M.Brandt (2)
Perennial. Climber. Ht indefinite. Alt 1090–1500 m. N

paucidentatum (Klatt) Desc. ex Wild & R.B.Drumm.
Perennial. Climber. Ht indefinite. Alt ± 1900 m. LIM

puberulum (C.A.Sm.) Wild & R.B.Drumm.
Cissus puberula C.A.Sm. (3)
Perennial. Climber. Ht indefinite. Alt 300–1380 m. B, LIM, NW, G, M

quinatum (Dryand.) Desc. ex Wild & R.B.Drumm.
Cissus cirrhosa (Thunb.) Willd. var. *glabra* Harv. (3)
Cissus quinata Dryand. (3)
Perennial. Climber, succulent. Ht indefinite. Alt 320–1000 m. KZN, EC

ruacanense (Exell & Mendonça) Desc.
Cissus ruacanensis Exell & Mendonça (2)
Perennial. Climber. Ht indefinite. Alt 800–1000 m. N

rubroglandulosum Retief & A.E.van Wyk
Perennial. Herb. Ht indefinite. Alt 100–400 m. KZN, EC

sandersonii (Harv.) Desc.
Cissus sandersonii Harv. (4)
Perennial. Climber. Ht indefinite. Alt 1200–1400 m. NW, G

schlechteri (Gilg & M.Brandt) Desc. ex Wild & R.B.Drumm.
Cissus schlechteri Gilg & M.Brandt (3)
Cissus unguiformifolius C.A.Sm. (3)
Perennial. Scrambler. Length indefinite. Alt 200–1300 m. B, LIM, NW, M

segmentatum (C.A.Sm.) J.J.M.van der Merwe
Cissus segmentatum C.A.Sm. (5)
Perennial. Scrambler, succulent. Length ± 1.3 m. Alt 800–1500 m. LIM, M

seitzianum (Gilg & M.Brandt) Desc. = **C. bainesii**

simulans (C.A.Sm.) Wild & R.B.Drumm.
Cissus simulans C.A.Sm. (3)
Perennial. Climber, succulent. Ht indefinite. Alt 800–1000 m. LIM, M, S

spinosopilosum (Gilg & M.Brandt) Desc.
Cissus spinosopilosum Gilg & M.Brandt (2)
Perennial. Scrambler, succulent. Length indefinite. Alt 1300–1900 m. M

subciliatum (Baker) Desc. ex Wild & R.B.Drumm.
Cissus subciliata (Baker) Planch. (3)
Perennial. Climber. Ht indefinite. Alt 60–1200 m. LIM, M, S, KZN

sulcatum (C.A.Sm.) J.J.M.van der Merwe
Cissus sulcatus C.A.Sm. (5)
Perennial. Scrambler. Length indefinite. Alt 680–1500 m. LIM, NW, G

uter (Excll & Mendonça) Desc.
Cissus uter Exell & Mendonça (4)
Perennial. Shrub, succulent. Ht indefinite. Alt ± 1000 m. N

woodii (Gilg & M.Brandt) Desc.
Cissus woodii Gilg & M.Brandt (2)
Perennial. Herb. Ht ± 1 m. Alt 650–1500 m. LIM, M, S, KZN

RHOICISSUS Planch. 4917000

(1) Gilg & Brandt. 1912. *Botanische Jahrbücher* 46: 436–442.
(2) Wild & Drummond. 1963. *FZ* 2: 444–448.
(3) Retief. 1980. *Bothalia* 13: 146, 147.
(4) Urton *et al.* 1986. *South African Journal of Botany* 52: 389–396.
(5) Retief. 1993. *Bothalia* 23: 231–233.
(6) Retief & Van Jaarsveld. 1997. *Bothalia* 27: 49–51.
(7) Retief & Herman. 1997 *Strelitzia* 6: 650.
(8) Retief. 2000. In Goldblatt & Manning in *Strelitzia* 9: 688.
(9) Retief *et al.* 2001. *South African Journal of Botany* 67: 230–234.

capensis (Willd.) Planch. = **R. tomentosa**

cirrhiflora in sense of Gilg & M.Brandt in part, excluding synonym *Rhus cirrhiflora* L., misapplied name = **R. tridentata** subsp. **tridentata**

cirrhiflora (L.f.) Gilg & M.Brandt in part = **R. digitata**

cuneifolia (Eckl. & Zeyh.) Planch. = **R. tridentata** subsp. **cuneifolia**

cymbifolius C.A.Sm. = **R. revoilii**

digitata (L.f.) Gilg & M.Brandt
Cissus thunbergii Eckl. & Zeyh., illegitimate name (2)
R. cirrhiflora (L.f.) Gilg & M.Brandt in part. (2)
Perennial. Climber. Ht indefinite. Alt 0–600 m. KZN, WC, EC

erythrodes (Fresen.) Planch. = **R. tridentata** subsp. **cuneifolia**

kougabergensis Retief & Van Jaarsv.
Perennial. Shrub. Ht ± 1 m. Alt ± 600 m. EC

laetans Retief
Perennial. Shrub. Ht 1–2.5 m. Alt 1000–1200 m. M

microphylla (Turcz.) Gilg & M.Brandt
Cissus unifoliata Harv. (1)
Vitis unifoliata (Harv.) Kuntze (1)
Perennial. Shrub. Ht 1.5–2 m. Alt 1300–2000 m. EC

revoilii Planch.
R. cymbifolius C.A.Sm. (2)
R. schlechteri Gilg & M.Brandt (2)
Perennial. Climber or shrub. Ht indefinite or up to 3.5 m. Alt 350–1800 m. LIM, G, M, S, KZN

rhomboidea (E.Mey. ex Harv.) Planch.
Cissus rhomboidea E.Mey. ex Harv. (2)
Perennial. Climber. Ht indefinite. Alt 3–1600 m. LIM, M, S, KZN, EC

schlechteri Gilg & M.Brandt = **R. revoilii**

sekhukhuniensis Retief, Siebert & A.E.van Wyk
Perennial. Shrub, scandent. Ht up to 3 m. Alt ± 1000–1200 m. LIM, M

sessilifolia Retief
Perennial. Climber. Ht indefinite. Alt 1–20 m. KZN

tomentosa (Lam.) Wild & R.B.Drumm.
Cissus capensis Willd. (2)
R. capensis (Willd.) Planch. (2)
Vitis capensis (Willd.) Thunb., not of Burm.f. (2)
Perennial. Climber. Ht indefinite. Alt 30–1230 m. LIM, M, S, KZN, WC, EC

tridentata (L.f.) Wild & R.B.Drumm. subsp. **cuneifolia** (Eckl. & Zeyh.) Urton
Cissus cuneifolia Eckl. & Zeyh. (4)
R. cuneifolia (Eckl. & Zeyh.) Planch. (4)

R. erythrodes (Fresen.) Planch. (4)
Perennial. Climber. Ht indefinite. Alt 60–1800 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

tridentata (L.f.) Wild & R.B.Drumm. subsp. **tridentata**
R. cirrhiflora in sense of Gilg & M.Brandt in part, excluding synonym *Rhus cirrhiflora* L., misapplied name (3)
Perennial. Shrub, scandent. Ht ± 0.5–1 m or more. Alt 190–900 m. WC, EC

VITIS L. 4909000

capensis (Willd.) Thunb., not of Burm.f. = **Rhoicissus tomentosa**

cirrhosa Thunb. var. *transvaalensis* Szyszyl. = **Cyphostemma cirrhosum** subsp. **transvaalense**

congesta Baker = **Cyphostemma congestum**

humilis N.E.Br. = **Cyphostemma humile** subsp. **humile**

quadrangularis (L.) Wall. ex Wight & Arn. = **Cissus quadrangularis** var. **quadrangularis**

succulenta Galpin = **Cissus crassifolia**

unifoliata (Harv.) Kuntze = **Rhoicissus microphylla**

ZYGOPHYLLACEAE

Compiled by E. Retief

AUGEA Thunb. 3967000

(1) Schreiber. 1966. *FSWA* 65: 2.
(2) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688.

capensis Thunb.
Perennial. Dwarf shrub, succulent. Ht 0.2–0.55 m. Alt 60–1065 m. N, NC, WC

FAGONIA L. 3963000

(1) Schreiber. 1966. *FSWA* 65: 2, 3.
(2) Schreiber. 1974. *Mitteilungen der Botanischen Staatssammlung München* 11: 571–578.
(3) Hadidi. 1985. *FTEA* Zygophyllaceae: 10–14.

capensis Hadidi
Perennial. Dwarf shrub. Ht 0.02–0.25 m. Alt 580–610 m. N, NC

cretica A.Schreib., not of L. = **F. isotricha** var. **spinescens**

isotricha Murb. var. **isotricha**
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.5 m. Alt 305–1065 m. N, B, NC

isotricha Murb. var. **spinescens** (O.Schwartz) Hadidi
F. cretica A.Schreib., not of L. (1)
F. rangei Loes. ex Dinter (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.6 m. Alt 300–1000 m. N

minutistipula Engl. = **F. sinaica** var. **minutistipula**

rangei Loes. ex Dinter = **F. isotricha** var. **spinescens**

sinaica Boiss. var. **minutistipula** (Engl.) Hadidi
F. minutistipula Engl. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 300–1200 m. N, B

NEOLUEDERITZIA Schinz 3975000

(1) Schreiber. 1966. *FSWA* 65: 3, 4.

sericeocarpa Schinz
Perennial. Shrub. Ht 1–2 m. Alt ± 1000 m. N

SEETZENIA R.Br. ex Decne. 3964000

(1) Bullock. 1965. *Kew Bulletin* 19: 203, 204.
(2) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688.

africana R.Br. = **S. lanata**

lanata (Willd.) Bullock
S. africana R.Br. (1)
Perennial. Herb, procumbent. Length up to 0.3 m. Alt 260–1000 m. NC

SISYNDITE E.Mey. ex Sond. 3976000

(1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1537.
(2) Schreiber. 1966. *FSWA* 65: 4.

spartea E.Mey. ex Sond.
Perennial. Shrub. Ht 0.75–4 m. Alt 250–2250 m. N, NC

TRIBULUS L. 3978000

(1) Schweickerdt. 1937. *Bothalia* 3: 159–178.
(2) Schreiber. 1966. *FSWA* 65: 5–7.
(3) Hadidi. 1985. *FTEA* Zygophyllaceae: 2–8.

cristatus C.Presl
Annual. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 305–1500 m. N, NC

hispidus C.Presl = **T. terrestris**

excrucians Wawra
Biennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 400–1000 m. N, B

pterophorus C.Presl
Annual. Herb. Ht ± 0.12 m. Alt 610–810 m. N, NC

terrestris L.
T. hispidus C.Presl (3)
T. terrestris L. var. *hispidissimus* Sond. (3)
Annual. Herb. Ht 0.02–0.2 m. Alt 25–2130 m. N, B, LIM, NW, G, S, FS, KZN, NC, WC, EC

terrestris L. var. *hispidissimus* Sond. = **T. terrestris**

zeyheri Sond. subsp. **zeyheri**
Perennial. Dwarf shrub, herb. Ht 0.15–0.9 m. Alt 380–1800 m. N, B, LIM, FS, NC

ZYGOPHYLLUM L. 3965000

(1) Van Huyssteen. 1937. *Morphologisch-systematische Studien über die Gattung* Zygophyllum *mit besonderer Berücksichtingung der afrikanischen Arten.* Unpublished Ph.D. thesis, University of Berlin, Berlin.
(2) Schreiber. 1966. *FSWA* 65: 7–19.
(3) Hadidi. 1985. *FTEA* Zygophyllaceae: 8–10.
(4) Retief. 1987. *Bothalia* 17: 189, 190.
(5) Retief. 1991. *Bothalia* 21: 55–57.
(6) Van Zyl & Marais. 1997. *Bothalia* 27: 129–133.
(7) Van Zyl & Marais. 1999. *Bothalia* 29: 231–238.
(8) Van Zyl. 2000. *A systematic revision of* Zygophyllum *(Zygophyllaceae) in the southern African region.* Unpublished Ph.D. thesis, University of Stellenbosch, Stellenbosch.
(9) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688–690.

applanatum Van Zyl
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 170–1400 m. N

botulifolium Van Zyl
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt ± 600–700 m. WC

campanulatum Dinter ex Range = **Z. longicapsulare**

chrysopteron Retief
Perennial. Shrub, dwarf shrub, succulent. Ht 0.22–1 m. Alt 795–1220 m. N, NC, WC, EC

cinereum Schinz = **Z. longicapsulare**

clavatum Schltr. & Diels
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.5 m. Alt 30–1400 m. N, NC

cordifolium L.f.
Z. paradoxum Schinz (2)
Z. pfeilii Engl. (8)
Z. schaeferi Engl. (8)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.14–1 m. Alt 8–1200 m. N, NC, WC

crassifolium Huysst. = **Z. cuneifolium**

cuneifolium Eckl. & Zeyh.
Z. crassifolium Huysst. (8)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 50–180 m. WC

cylindrifolium Schinz
Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–0.9 m. Alt 379–1100 m. N

debile Cham. & Schltdl.
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 191–915 m. WC, EC

decumbens Delile var. **decumbens** (insufficiently known) (8)

densiflorum Schinz = **Z. dregeanum**

dichotomum Cham. & Schltdl. (insufficiently known) (8)

divaricatum Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.91 m. Alt up to 1300 m. EC

dregeanum Sond.
Z. densiflorum Schinz (2)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1 m. Alt 110–1080 m. N, NC

flexuosum Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–1.52 m. Alt 5–1220 m. WC

foetidum Schrad. & J.C.Wendl.
Z. meyeri Sond. (8)
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 6–1065 m. NC, WC, EC

fulvum L.
Perennial. Shrub, dwarf shrub, herb, succulent. Ht 0.2–1 m. Alt 5–1372 m. WC, EC

fuscatum Van Zyl
Perennial. Shrub, succulent. Ht up to 1 m. Alt ± 30–50 m. WC

garipense E.Mey. = **Z. microcarpum**

giessii Merxm. & A.Schreib.
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt ± 1400 m. N

gilfillanii N.E.Br. = **Z. lichtensteinianum**

glaucum E.Mey. ex Sond. (insufficiently known) (8)

hirticaule Van Zyl
Perennial. Dwarf shrub, decumbent, succulent. Ht up to 0.3 m. Alt ± 400 m. N

incanum Schinz = **Z. longistipulatum**

incrustatum E.Mey. ex Sond.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 365–1525 m. FS, NC, WC, EC

latialatum Engl. = **Z. rigidum**

leptopetalum E.Mey. ex Sond.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–2.13 m. Alt 155–1065 m. N, NC

leucocladum Diels
Z. sulcatum Huysst. (8)
Perennial. Dwarf shrub, succulent. Ht 0.22–0.5 m. Alt 400–1542 m. N, B, NC

lichtensteinianum Cham. & Schltdl.
Z. gilfillanii N.E.Br. (8)
Perennial. Shrub, dwarf shrub, succulent. Ht up to 1 m. Alt 90–1420 m. FS, NC, WC, EC

longicapsulare Schinz
Z. campanulatum Dinter ex Range (8)
Z. cinereum Schinz (2)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt 300–1800 m. N, NC

longistipulatum Schinz
Z. incanum Schinz (8)
Perennial. Shrub, succulent. Ht ± 1 m. Alt 1100–1895 m. N

macrocarpon Retief
Perennial. Shrub, succulent. Ht up to 1.8 m. Alt 400–1000 m. N, NC

maculatum Aiton
Perennial. Dwarf shrub, succulent. Ht up to 0.8 m. Alt 500–1000 m. WC

maritimum Eckl. & Zeyh.
Z. uitenhagense Sond. (8)
Perennial. Dwarf shrub, scrambling, succulent. Length up to 2 m. Alt 80–700 m. WC, EC

marlothii Engl. = **Z. stapffii**

maximiliani Schltr. (insufficiently known) (8)

meyeri Sond. = **Z. foetidum**

microcarpum Licht. ex Cham. & Schltdl.
Z. garipense E.Mey. (8)
Z. microcarpum Licht. ex Cham. & Schltdl. var. *macrocarpum* Loes. (8)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–1.52 m. Alt 50–1420 m. N, NC, FS, WC, EC

microcarpum Licht. ex Cham. & Schltdl. var. *macrocarpum* Loes. = **Z. microcarpum**

microphyllum L.f. (insufficiently known) (8)

morgsana L.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–2 m. Alt 2–1500 m. N, NC, WC, EC

paradoxum Schinz = **Z. cordifolium**

pfeilii Engl. = **Z. cordifolium**

prismatocarpum E.Mey. ex Sond.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1.5 m. Alt 12–500 m. N, NC

procumbens Adamson = **Z. spinosum**

pterocaule Van Zyl
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 300–700 m. N, NC

pubescens Schinz
Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1 m. Alt 40–1770 m. N, B, NW, NC

pygmaeum Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 167–1524 m. NC, WC

retrofractum Thunb.
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 600–1200 m. N, NC, WC

rigidum Schinz
Z. latialatum Engl. (8)
Z. suffruticosum Schinz (8)
Z. trothai Diels (8)
Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 700–1490 m. N, NC

rogersii Compton
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 1000–1200 m. WC

schaeferi Engl. = **Z. cordifolium**

schreiberanum L.
Perennial. Dwarf shrub, succulent. Ht 0.5–0.8 m. Alt ± 400 m. N

sessilifolium L.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 20–1311 m. WC

simplex L.
Annual or biennial. Herb, succulent. Ht 0.01–0.1 m. Alt 100–1370 m. N, B, FS, NC, WC, EC

sonderi H.Eichler (insufficiently known) (8)

spinosum L.
Z. procumbens Adamson (8)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–1.21 m. Alt 15–2195 m. NC, WC

stapffii Schinz
Z. marlothii Engl. (8)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–1.21 m. Alt 260–400 m. N

suffruticosum Schinz = **Z. rigidum**

sulcatum Huysst. = **Z. leucocladum**

tenue P.E.Glover
Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 975–1585 m. N, B, NC

teretifolium Schltr.
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 238–275 m. WC

trothai Diels = **Z. rigidum**

uitenhagense Sond. = **Z. maritimum**

MONOCOTYLEDONS

*ACORACEAE

Compiled by Y. Singh

*ACORUS L. 0694000

(1) Ubbink & Bredenkamp. 1985. *Bothalia* 15: 547.

calamus L.
Perennial. Herb, helophyte. Ht 0.6–1 m. Alt ± 1400 m. NW

AGAPANTHACEAE

Compiled by C. Archer

AGAPANTHUS L'Hér. 1046000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 1.
(2) Leighton. 1965. *Journal of South African Botany* Suppl. 4: 1–50.
(3) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1478.
(4) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1480.
(5) Rourke. 1973. *The Flowering Plants of Africa* 42: t. 1675.
(6) Duncan. 1993. *The Flowering Plants of Africa* 52: t. 2062.

africanus (L.) Hoffmanns.
A. minor Lodd. (2)
A. umbellatus L'Hér. (2)
Crinum africanum L. (2)
Mauhlia africana (L.) Dahl (2)
Mauhlia linearis Thunb. (2)
Tulbaghia heisteri Fabric (2)
Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 55–1130 m. WC

campanulatus F.M.Leight. subsp. **campanulatus**
Perennial. Herb, geophyte. Ht 0.4–1.52 m. Alt 425–2125 m. FS, KZN, EC

campanulatus F.M.Leight. subsp. **patens** (F.M.Leight.) F.M.Leight.
A. patens F.M.Leight. (2)
Perennial. Herb. Ht 0.4–1.06 m. Alt 730–2745 m. G, FS, KZN, L, EC

caulescens Spreng. subsp. **angustifolius** F.M.Leight.
Perennial. Herb. Ht 0.6–1.3 m. Alt ?–1370 m. M, S, KZN

caulescens Spreng. subsp. **caulescens**
Perennial. Herb. Ht 0.27–1.67 m. Alt ?–1950 m. M, S, KZN, EC

caulescens Spreng. subsp. **gracilis** (F.M.Leight.) F.M.Leight.
A. gracilis F.M.Leight. (2)
Perennial. Herb. Ht 0.6–1.3 m. Alt ?–740 m. KZN

coddii F.M.Leight.
Perennial. Herb. Ht up to 1 m. Alt ?–305 m. LIM

comptonii F.M.Leight. subsp. **comptonii**
Perennial. Herb. Ht 0.6–1 m. Alt? EC

comptonii F.M.Leight. subsp. **longitubus** F.M.Leight.
Perennial. Herb. Ht 0.6–1 m. Alt ?–1280 m. EC

dyeri F.M.Leight.
Perennial. Herb. Ht up to 1.2 m. Alt ?–1676 m. LIM

gracilis F.M.Leight. = **A. caulescens** subsp. **gracilis**

hollandii F.M.Leight. = **A. inapertus** subsp. **hollandii**

inapertus P.Beauv. subsp. **hollandii** (F.M.Leight.) F.M.Leight.
A. hollandii F.M.Leight. (2)
Perennial. Herb. Ht up to 1.21 m. Alt ?–1890 m. M

inapertus P.Beauv. subsp. **inapertus**
Perennial. Herb. Ht 0.03–1.8 m. Alt 565–2500 m. LIM, M

inapertus P.Beauv. subsp. **intermedius** F.M.Leight.
Perennial. Herb. Ht 0.06–1.52 m. Alt 155–1980 m. LIM, G, M, S, KZN

inapertus P.Beauv. subsp. **parviflorus** F.M.Leight.
Perennial. Herb. Ht up to 0.8 m. Alt ?–1940 m. M

inapertus P.Beauv. subsp. **pendulus** (L.Bolus) F.M.Leight.
A. pendulus L.Bolus (2)
Perennial. Herb. Ht 0.6–1.21 m. Alt ?–2010 m. M

longispathus F.M.Leight. = **A. praecox** subsp. **minimus**

minor Lodd. = **A. africanus**

nutans F.M.Leight.
Perennial. Herb. Ht 0.75–1.52 m. Alt 400–1830 m. LIM, S, KZN

orientalis F.M.Leight. = **A. praecox** subsp. **orientalis**

patens F.M.Leight. = **A. campanulatus** subsp. **patens**

pendulus L.Bolus = **A. inapertus** subsp. **pendulus**

praecox Willd. subsp. **minimus** (Lindl.) F.M.Leight.
A. longispathus F.M.Leight. (2)
A. umbellatus L'Hér. var. *minimus* Lindl. (2)
Perennial. Herb. Ht 0.4–0.85 m. Alt 5–600 m. WC, EC

praecox Willd. subsp. **orientalis** (F.M.Leight.) F.M.Leight. (2)
A. orientalis F.M.Leight. (2)
A. umbellatus L'Hér. var. *maximus* Edwards (2)
Perennial. Herb. Ht up to 1.21 m. Alt 15–1435 m. KZN, EC

praecox Willd. subsp. **praecox**
Perennial. Herb. Ht 0.8–1 m. Alt? KZN, EC

umbellatus L'Hér. = **A. africanus**

umbellatus L'Hér. var. *maximus* Edwards = **A. praecox** subsp. **orientalis**

umbellatus L'Hér. var. *minimus* Lindl. = **A. praecox** subsp. **minimus**

walshii L.Bolus
Perennial. Herb. Ht 0.6–0.7 m. Alt 300–730 m. WC

MAUHLIA Dahl 1046010

africana (L.) Dahl = **Agapanthus africanus**

linearis Thunb. = **Agapanthus africanus**

*AGAVACEAE

Compiled by G.F. Smith

*AGAVE L. 1219000

(1) Baker. 1892. *Bulletin of miscellaneous information [Royal Botanic Gardens] Kew, England*: 183, 184.
(2) Trelease. 1913. *Memoirs of the National Academy of Science* 11: 155; Pl. A–E; 1–116.
(3) Bailey. 1914. *The standard cyclopedia of horticulture* 1: 230–239.
(4) Berger. 1915. *Die Agaven. Beiträge zu einer Monographie.*
(5) Trelease. 1920. *Contributions from the United States National Herbarium* 23: 105–142.
(6) Gentry. 1982. *Agaves of continental North America.*
(7) Forster. 1992. *Brittonia* 44: 74, 75.
(8) Smith. 1995. *PlantLife* 13: 6.
(9) Smith. *Aloe* 32: 84, 85.
(10) Smith & Crouch. 1996. *Veld & Flora* 82: 38, 39.
(11) Smith & Mössmer. 1996. *Bothalia* 26: 31–35.
(12) Smith & Steyn. 1999. *Bothalia* 29: 100.
(13) Smith & Steyn. 1999. *South African Journal of Botany* 65: 249–252.
(14) Steyn & Smith. 2000. *Bothalia* 30: 43–46.
(15) G.F. Smith. Personal communication.

altissima Zumagl. = **A. americana** subsp. **americana** var. **americana**

americana L. subsp. **americana** var. **americana**
A. altissima Zumagl. (4)
A. complicata Trel. ex Ochot. (2)
A. felina Trel. (5)
A. gracilispina (Rol.-Goss.) Engelm. ex Trel. (3)
A. melliflua Trel. (3)
A. rasconensis Trel. (5)
A. salmiana Otto ex Salm-Dyck var. *gracilispina* Rol.-Goss. (4)
A. subzonata Trel. (5)
A. vera-cruz J.R.Drumm. & Prain (4)
A. zonata Trel. (3)
Perennial. Massive succulent shrub. Ht 1–2 m, 4–9 m when in flower. Alt 0–2500 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

angustifolia Haw. var. *angustifolia* = **A. vivipara** var. **vivipara**

complicata Trel. ex Ochot. = **A. americana** subsp. **americana** var. **americana**

decipiens Baker
A. laxifolia Baker (1)
Perennial. Succulent shrub. Ht 1–1.3 m, 6–7 m when in flower. Alt 400–1400 m. G, EC

felina Trel. = **A. americana** subsp. **americana** var. **americana**

gracilispina (Rol.-Goss.) Engelm. ex Trel. = **A. americana** subsp. **americana** var. **americana**

laxifolia Baker = **A. decipiens**

melliflua Trel. = **A. americana** subsp. **americana** var. **americana**

owenii I.M.Johnst. = **A. vivipara** var. **vivipara**

pacifica Trel. = **A. vivipara** var. **vivipara**

rasconensis Trel. = **A. americana** subsp. **americana** var. **americana**

rigida Mill. var. *sisalana* (Perrine) Engelm. = **A. sisalana**

salmiana Otto ex Salm-Dyck var. *gracilispina* Rol.-Goss = **A. americana** subsp. **americana** var. **americana**

sisalana Perrine
A. rigida Mill. var. *sisalana* (Perrine) Engelm. (3, 4)
Perennial. Succulent shrub. Ht 1–2 m, 4–9 m when in flower. Alt 0–2000 m. LIM, G, M, S, KZN, NC, WC, EC

subzonata Trel. = **A. americana** subsp. **americana** var. **americana**

vera-cruz J.R.Drumm. & Prain = **A. americana** subsp. **americana** var. **americana**

vivipara L. var. **vivipara**
A. angustifolia Haw. var. *angustifolia* (2, 6)
A. owenii I.M.Johnst. (14)
A. pacifica Trel. (14)
A. yaquiana Trel. (14)
Perennial. Succulent shrub. Ht 0.5–1 m, 3.5–4 m when in flower. Alt 0–2000 m. G, WC, EC

yaquiana Trel. = **A. vivipara** var. **vivipara**

zonata Trel. = **A. americana** subsp. **americana** var. **americana**

ALISMATACEAE

Compiled by R.P. Glen & C.D.K. Cook

*ALISMA L. 0071000

(1) Obermeyer. 1966. *FSA* 1: 96, 97.

plantago-aquatica L.
Annual, occ. perennial. Hydrophyte (hyperhydate). Ht 0.3–1 m. Alt 0–1560 m. G, FS, KZN, EC

BURNATIA Micheli 0080000

(1) Obermeyer. 1966. *FSA* 1: 96, 99.

enneandra Micheli
Perennial. Herb, hydrophyte. Ht ± 1 m. Alt 300–950 m. N, B, LIM, M, KZN

CALDESIA Parl. 0072000

(1) Carter. 1960. *FTEA* Alismataceae: 7.

reniformis (D.Don) Makino
Perennial. Herb, hydrophyte. Ht 0.4–1.2 m. Alt 940–1000 m. B

LIMNOPHYTON Miq. 0075000

(1) Obermeyer. 1966. *FSA* 1: 96–99.
(2) Carter. 1960. *FTEA* Alismataceae: 7–11.

angolense Buchenau
Essentially annual. Herb, occ. perennating, hydrophyte: hyperhydate/epihydate (occ.). Ht 0.6–1 m. Alt ± 1000 m. B

obtusifolium (L.) Miq.
Essentially annual. Herb, hydrophyte: hyperhydate/epihydate (occ.). Ht 0.2–1 m. Alt 45–900 m. N, B, LIM, M, KZN

WIESNERIA Micheli 0080010

(1) Wright. 1902. *FTA* 8: 213, 214.

schweinfurthii Hook.f.
Usually annual. Herb, hydrophyte: hyperhydate. Ht ± 1.5 m. Alt ± 930 m. B

ALLIACEAE

Compiled by C. Archer

ALLIUM L. 1049000

(1) Baker. 1897. *FC* 6: 253–528.
(2) Obermeyer. 1961. *Bothalia* 7: 481.
(3) De Wilde-Duyfjes. 1976. *Belmontia* 7: 1–237 (originally in *Mededelingen Landbouwhogeshool Wageningen, Nederland* 76-11: 1–237).
(4) Stearn & Campbell. 1984. *European garden flora* 1: 233–246.

dregeanum Kunth
Perennial. Geophyte. Ht 0.3–1.2 m. Alt 120–1525 m. FS, NC, WC, EC

***triquetrum** L.
Perennial. Geophyte. Ht? Alt ?–300 m. WC

*NOTHOSCORDUM Kunth 1050000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 68, 69, t. 33.
(2) Stearn. 1986. *Taxon* 35: 335–338.
(3) Ravenna. 1991. *Taxon* 40: 485–487.

borbonicum Kunth
N. fragrans (Vent.) Kunth (3)
Perennial. Geophyte. Ht up to 0.45 m. Alt? G, M, FS, KZN, NC, WC, EC

fragrans (Vent.) Kunth = **N. borbonicum**

OMENTARIA Salisb. 1047010

cepacea Salisb. = **Tulbaghia violacea**

TULBAGHIA L. 1047000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 9.
(2) Verdoorn. 1931. *The Flowering Plants of South Africa* 11: t. 438.
(3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 653.
(4) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 935.
(5) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 979.
(6) Vosa. 1975. *Annali di Botanica* 34: 47–121.
(7) Burbidge. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 77–103.
(8) Vosa. 1980. *Journal of South African Botany* 46: 109–114.
(9) Vosa. 1981. *Journal of South African Botany* 47: 57–61.
(10) Vosa. 1982. *Journal of South African Botany* 48: 241–244.
(11) Dillon & Nelson. 1991. *Kew Magazine* 8: 12–15, t. 166.
(12) Vosa & Condy. 2001. *Flowering Plants of Africa* 57: t. 2164.

acutiloba Harv.
Perennial. Herb. Ht 0.12–0.2 m. Alt 100–2530 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

affinis Link (insufficiently known) (6)

×**aliceae** Vosa
Perennial. Herb. Ht 0.2–0.35 m. Alt ?–± 600 m. EC

alliacea L.f.
Perennial. Herb, geophyte. Ht 0.26–0.45 m. Alt 50–2250 m. WC

calcarea Engl. & K.Krause (insufficiently known) (6)
Perennial. Herb. Ht 0.15–0.4 m. Alt? N

cameroni Baker
Perennial. Herb. Ht 0.15–0.25 m. Alt? N

campanulata N.E.Br. = **T. cernua**

capensis L.
T. pulchella Avé-Lall., illegitimate name (6)
Perennial. Herb. Ht 0.12–0.35 m. Alt 10–1500 m. WC, EC

carnosa Burb. = **T. verdoornia**

cepacea L.f. = **T. violacea**

cepacea L.f. var. **maritima** Vosa
Perennial. Herb. Ht 0.1–0.15 m. Alt? EC

cernua Avé-Lall.
T. campanulata N.E.Br. (9)
Perennial. Herb. Ht up to 0.25 m. Alt ?–1770 m. B, LIM, NW, M, FS, KZN, L, WC, EC

coddii Vosa & Burb.
T. poetica Burb. (7)
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–2200 m. M

cominsii Vosa
Perennial. Herb. Ht 0.09–0.2 m. Alt ?–365 m. EC

daviesii Grey = **T. simmleri**

dieterlenii E.Phillips = **T. leucantha**

dregeana Kunth
Perennial. Herb. Ht 0.15–0.2 m. Alt ?–915 m. NC, WC

fragrans I.Verd. = **T. simmleri**

galpinii Schltr.
Perennial. Herb. Ht up to 0.15 m. Alt 90–2000 m. EC

heisteri Fabric = **Agapanthus africanus**

hypoxidea Sm. (insufficiently known) (6)

karasbergensis P.E.Glover = **T. tenuior**

leucantha Baker
T. dieterlenii E.Phillips (6)
Perennial. Herb. Ht 0.1–0.25 m. Alt 30–2325 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

ludwigiana Harv.
Perennial. Herb. Ht 0.25–0.91 m. Alt 15–2325 m. M, S, KZN, EC

luebbertiana Engl. & K.Krause (insufficiently known) (6)

montana Vosa
Perennial. Herb. Ht 0.3–0.4 m. Alt ?–2500 m. KZN, L, EC

natalensis Baker
Perennial. Herb. Ht 0.15–0.36 m. Alt 150–1860 m. KZN, EC

nutans Vosa
Perennial. Herb. Ht up to 0.3 m. Alt ?–2400 m. M

pauciflora Baker (insufficiently known) (6)

poetica Burb. = **T. coddii**

pulchella Avé-Lall., illegitimate name = **T. capensis**

pulchella P.E.Barnes, illegitimate name = **T. simmleri**

simmleri P.Beauv.
T. daviesii Grey (8)
T. fragrans l.Verd. (8)
T. pulchella P.E.Barnes, illegitimate name (8)
Perennial. Herb. Ht up to 0.4 m. Alt 960–1120 m. LIM, M

tenuior K.Krause & Dinter
T. karasbergensis P.E.Glover (6)
Perennial. Herb. Ht up to 0.3 m. Alt ?–1035 m. N, NC

transvaalensis Vosa
Perennial. Herb. Ht 0.15–0.25 m. Alt? LIM, KZN

verdoornia Vosa & Burb.
T. carnosa Burb. (7)
Perennial. Herb. Ht 0.15–0.3 m. Alt ?–± 380 m. EC

violacea Harv.
Omentaria cepacea Salisb. (6)
T. cepacea L.f. (8)
Perennial. Herb. Ht 0.2–0.45 m. Alt 3–1220 m. KZN, WC, EC

AMARYLLIDACEAE

Compiled by D.A. Snijman & R.H. Archer

AMARYLLIS L. 1176000

(1) Baker. 1896. *FC* 6: 202, 203.
(2) Dyer. 1955. *The Flowering Plants of Africa* 30: t. 1200.
(3) Goldblatt. 1984. *Taxon* 33: 511–516.
(4) Snijman & Williamson. 1998. *Bothalia* 28: 192–196.

belladonna L.
Perennial. Geophyte. Ht 500–900 mm. Alt 15–850 m. WC

guttata L. = **Crossyne guttata**

paradisicola Snijman
Perennial. Geophyte. Ht 500–800 mm. Alt ± 550 m. NC

AMMOCHARIS Herb. 1190000

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 230.
(2) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 712.
(3) Milne-Redhead & Schweickerdt. 1939. *Journal of the Linnean Society, Botany* 52: 159–197.
(4) Lehmiller. 1992. *Novon* 2: 33–35.
(5) Killick & Condy. 1994. *Flowering Plants of Africa* 53: t. 2092.
(6) Snijman & Williamson. 1994. *Bothalia* 24: 127–132.
(7) Meerow *et al.* 2003. *Botanical Journal of the Linnean Society* 141: 349–363.
(8) Snijman. Personal communication.

baumii (Harms) Milne-Redh. & Schweick.
Crinum baumii Harms (7)
Perennial. Geophyte. Ht ± 0.1 m. Alt 850–1150 m. N

coranica (Ker Gawl.) Herb.
Perennial. Geophyte. Ht ± 350 mm. Alt? N, B, LIM, NW, M, S, FS, KZN, L, NC, WC, EC

herrei F.M.Leight. = **A. longifolia**

longifolia (L.) M.Roem.
A. herrei F.M.Leight. (6)
Cybistetes herrei (F.M.Leight.) D.Müll.-Doblies & U.Müll.-Doblies (8)
Cybistetes longifolia (L.) Milne-Redh. & Schweick. (7)
Perennial. Geophyte. Ht 300–500 mm. Alt 50–600 m. N, NC, WC

nerinoides (Baker) Lehmiller
Crinum nerinoides Baker (4)
Perennial. Geophyte. Ht 50–120 mm. Alt? N

tinneana (Kotschy & Peyr.) Milne-Redh. & Schweick.
Perennial. Geophyte. Ht 35–225 mm. Alt? N, B

ANOIGANTHUS Baker 1179000

breviflorus (Harv.) Baker = **Cyrtanthus breviflorus**

luteus (Baker) Baker = **Cyrtanthus breviflorus**

APODOLIRION Baker 1187000

(1) Baker. 1896. *FC* 6: 197, 198.
(2) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 533.
(3) Hilliard & Burtt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 304–307.
(4) Müller-Doblies. 1986. *Willdenowia* 15: 465–471.
(5) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 106.

amyanum D.Müll.-Doblies
Perennial. Geophyte. Ht ± 100 mm. Alt 50–150 m. EC

bolusii Baker
Perennial. Geophyte. Ht ± 100 mm. Alt ± 1300 m. EC

buchananii Baker
A. ettae Baker (4)
A. mackenii Baker (4)
Perennial. Geophyte. Ht 100–200 mm. Alt ?–2440 m. M, S, FS, KZN, EC

cedarbergense D.Müll.-Doblies
Perennial. Geophyte. Ht 30–150 mm. Alt ± 1000 m. WC

ettae Baker = **A. buchananii**

lanceolatum (Thunb.) Baker
Perennial. Geophyte. Ht ± 30 mm. Alt 40–450 m. WC

mackenii Baker = **A. buchananii**

macowanii Baker
Perennial. Geophyte. Ht ± 70 mm. Alt ?–675 m. EC

BOKKEVELDIA D.Müll.-Doblies & U.Müll.-Doblies 1171010

aestivalis (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria aestivalis**

perryae (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria perryae**

picta (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria picta**

pubescens (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pubescens**

salteri (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria salteri**

watermeyeri (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *botterkloofensis* D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria watermeyeri** subsp. **botterkloofensis**

watermeyeri (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *watermeyeri* = **Strumaria watermeyeri** subsp. **watermeyeri**

BOOPHONE Herb. 1168000

(1) Baker. 1896. *FC* 6: 242–244.
(2) Leighton. 1947. *Journal of South African Botany* 13: 59–61.
(3) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1141.
(4) Barker. 1963. *Journal of South African Botany* 29: 163–166.
(5) Snijman. 1983. *Journal of South African Botany* 49: 243–249.
(6) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
(7) Archer *et al.* 2001. *Taxon* 50: 569–571.
(8) Obermeyer. Personal communication.
(9) Snijman. Personal communication.

ciliaris (L.) Herb. = **Crossyne guttata**

disticha (L.f.) Herb.
B. longepedicellata Pax (8)
Perennial. Geophyte. Ht 200–300 mm. Alt 50–1800 m. N, B, LIM, G, M, S, FS, KZN, L, WC, EC

disticha (L.f.) Herb. var. *ernesti-ruschii* Dinter & G.M.Schulze = **B. haemanthoides**

flava W.F.Barker ex Snijman = **Crossyne flava**

guttata (L.) Herb. = **Crossyne guttata**

haemanthoides F.M.Leight.
B. disticha (L.f.) Herb. var. *ernesti-ruschii* Dinter & G.M.Schulze (9)
Perennial. Geophyte. Ht 200–300 mm. Alt 15–800 m. N, NC, WC

longepedicellata Pax = **B. disticha**

pulchra W.F.Barker = **Brunsvigia pulchra**

BRUNSVIGIA Heist. 1177000

(1) Leighton. 1934. *The Flowering Plants of South Africa* 14: t. 552.
(2) Dyer. 1950. *Plant Life edn Herbertia* 6: 63–83.
(3) Dyer. 1951. *Plant Life edn Herbertia* 7: 44–64.
(4) Dyer. 1956. *The Flowering Plants of Africa* 31: t. 1223.
(5) Barker. 1963. *Journal of South African Botany* 29: 163–166.
(6) Dyer. 1964. *The Flowering Plants of Africa* 36: t. 1440.
(7) Obermeyer. 1977. *The Flowering Plants of Africa* 44: t. 1740.
(8) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
(9) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 38, 348.
(10) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 54, 55.
(11) Snijman. 2001. *Bothalia* 31: 34–37.
(12) Snijman & Linder Smith. 2001. *Flowering Plants of Africa* 57: t. 2167.

appendiculata F.M.Leight. = **B. bosmaniae**

bosmaniae F.M.Leight.
B. appendiculata F.M.Leight. (10)
Perennial. Geophyte. Ht 150–300 mm. Alt 150–1000 m. N, NC, WC

comptonii W.F.Barker
Perennial. Geophyte. Ht 80–120 mm. Alt 550–1500 m. NC, WC

elandsmontana Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt ± 100 m. WC

grandiflora Lindl.
Perennial. Geophyte. Ht 600–800 mm. Alt 300–2200 m. M, FS, KZN, EC

gregaria R.A.Dyer
Perennial. Geophyte. Ht 200–400 mm. Alt ± 100 m. EC

gydobergensis D.Müll.-Doblies & U.Müll.-Doblies = **B. josephinae**

herrei F.M.Leight. ex W.F.Barker
Perennial. Geophyte. Ht 250–400 mm. Alt 650–1000 m. N, NC

josephinae (Redouté) Ker Gawl.
B. gydobergensis D.Müll.-Doblies & U.Müll.-Doblies (10)
Perennial. Geophyte. Ht ± 650 mm. Alt 200–1000 m. NC, WC, EC

litoralis R.A.Dyer
Perennial. Geophyte. Ht ± 600 mm. Alt ± 5 m. EC

marginata (Jacq.) Aiton
Perennial. Geophyte. Ht ± 200 mm. Alt 450–1200 m. WC

minor Lindl. = **B. striata**

namaquana D.Müll.-Doblies & U.Müll.-Doblies
Perennial. Geophyte. Ht ± 120 mm. Alt ± 1000 m. NC

natalensis Baker
Perennial. Geophyte. Ht 350–900 mm. Alt 1700–2280 m. LIM, G, M, S, FS, KZN, L

orientalis (L.) Aiton ex Eckl.
Perennial. Geophyte. Ht 400–500 mm. Alt 5–200 m. WC

pulchra (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies
Boophone pulchra W.F.Barker (8)
Perennial. Geophyte. Ht 120–300 mm. Alt ± 1000 m. NC

radula (Jacq.) Aiton
Perennial. Geophyte. Ht 80–120 mm. Alt ± 100 m. NC, WC

radulosa Herb.
Perennial. Geophyte. Ht 400–800 mm. Alt 1000–1500 m. B, NW, M, S, FS, KZN, L, NC, EC

striata (Jacq.) Aiton
B. minor Lindl. (10)
Perennial. Geophyte. Ht 150–350 mm. Alt 700–1250 m. NC, WC, EC

undulata F.M.Leight.
Perennial. Geophyte. Ht 500–800 mm. Alt ± 1500 m. KZN

CARPOLYZA Salisb. 1166010

spiralis (L'Hér.) Salisb. = **Strumaria spiralis**

CHAPMANOLIRION Dinter 1202010

juttae Dinter = **Pancratium tenuifolium**

CLIVIA Lindl. 1170000

(1) Baker. 1896. *FC* 6: 228, 229.
(2) Watson. 1899. *The Gardeners' Chronicle* 25: 388, t. 1246.
(3) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 13.
(4) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 411.
(5) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 891.
(6) Obermeyer. 1972. *The Flowering Plants of Africa* 42: t. 1641.
(7) Vorster & Smith. 1994. *Flowering Plants of Africa* 53: t. 2094.
(8) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 36–39.
(9) Rourke. 2002. *Bothalia* 32: 1–7.
(10) Obermeyer. Personal communication.

caulescens R.A.Dyer
Perennial. Geophyte. Ht 0.5–1.5 m. Alt ± 1500 m. LIM, M, S

gardenii Hook.
Perennial. Geophyte. Ht 0.8–1.3 m. Alt 0–1200 m. KZN, EC

miniata (Lindl.) Regel var. **citrina** Watson
C. miniata (Lindl.) Regel var. *flava* E.Phillips (10)
Perennial. Geophyte. Ht 0.4–0.6 m. Alt? S, KZN

miniata (Lindl.) Regel var. *flava* E.Phillips = **C. miniata** var. **citrina**

miniata (Lindl.) Regel var. **miniata**
Perennial. Geophyte. Ht 0.5–1 m. Alt 30–1200 m. M, S, KZN, EC

mirabilis Rourke
Perennial. Geophyte. Ht 0.6–1.2 m. Alt ± 600 m. NC, WC

nobilis Lindl.
Perennial. Geophyte. Ht 0.5–1.1 m. Alt 15–600 m. EC

CRINUM L. 1189000

(1) Baker. 1881. *Curtis's Botanical Magazine* 107: t. 6545.
(2) Baker. 1883. *Journal of the Linnean Society, Botany* 20: 237–304.
(3) Baker. 1896. *FC* 6: 198–202.
(4) Letty. 1934. *The Flowering Plants of South Africa* 14: t. 532.
(5) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 887.
(6) Verdoorn. 1953. *The Flowering Plants of Africa* 29: tt. 1150, 1155.
(7) Verdoorn. 1956. *Journal of South African Botany* 22: 79–83.
(8) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1351.
(9) Verdoorn. 1962. *The Flowering Plants of Africa* 35: t. 1389.
(10) Verdoorn. 1964. *The Flowering Plants of Africa* 36: tt. 1432, 1433.
(11) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1455.
(12) Verdoorn. 1966. *The Flowering Plants of Africa* 37: t. 1471.
(13) Verdoorn. 1969. *The Flowering Plants of Africa* 40: tt. 1523, 1577.
(14) Verdoorn. 1971. *The Flowering Plants of Africa* 41: t. 1629.
(15) Verdoorn. 1972. *The Flowering Plants of Africa* 42: tt. 1642, 1643.
(16) Verdoorn. 1973. *The Flowering Plants of Africa* 42: t. 1676.
(17) Verdoorn. 1973. *Bothalia* 11: 27–52.
(18) Nordal. 1977. *Norwegian Journal of Botany* 24: 179–194.
(19) Nordal. 1982. *FTEA* Amaryllidaceae: 9–18.
(20) Nordal & Fangan. 1994. *Proceedings of the 13th plenary meeting of AETFAT, Zomba, Malawi, 2–11 April, 1991*: 545–555.
(21) Archer & Archer. 1996. *Bothalia* 26: 153.
(22) Lehmiller. 1997. *Herbertia* 52: 44–65.
(23) Archer. 1997. *Herbertia* 52: 90–94.
(24) Archer & Condy. 1999. *Flowering Plants of Africa* 56: 30–35, t. 2146; 36–40, t. 2147.
(25) Nordal *et al.* 2002. *Taxon* 51: 187, 188.
(26) Meerow *et al.* 2003. *Botanical Journal of the Linnean Society* 141: 349–363.

acaule Baker
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 20–250 m. KZN

africanum L. = **Agapanthus africanus**

baumii Harms = **Ammocharis baumii**

bulbispermum (Burm.f.) Milne-Redh. & Schweick.
Perennial. Geophyte, hydrophyte. Ht 0.3–1 m. Alt 550–1600 m. NW, G, M, S, FS, KZN, L, NC

buphanoides Welw. ex Baker
C. leucophyllum Baker (17)
Perennial. Geophyte. Ht 0.3–0.6 m. Alt 300–1600 m. N, B, LIM, G, M

campanulatum Herb.
Perennial. Geophyte, hydrophyte. Ht 0.2–0.6 m. Alt 250–800 m. EC

carolo-schmidtii Dinter (insufficiently known)
Perennial. Geophyte, hydrophyte. Ht 0.1–0.4 m. Alt 750–1250 m. N, B

carolo-schmidtii Dinter in sense of Verdoorn (1971, 1973) = **C. lugardiae**

crassicaule Baker
C. foetidum I. Verd. (25)
Perennial. Geophyte. Ht 0.4–0.6 m. Alt 400– 1250 m. N, B, LIM, NW, NC

crassicaule in sense of I.Verd., not of Baker = **C. subcernuum**

crispum E.Phillips = **C. lugardiae**

delagoense I.Verd. = **C. stuhlmannii**

euchrophyllum I.Verd.
Perennial. Geophyte, hydrophyte. Ht 0.2–0.3 m. Alt 750–1100 m. N, B

foetidum I.Verd. = **C. crassicaule**

forbesii (Lindl.) Schult. & Schult.f., name rejected in part = **C. paludosum**

forbesii (Lindl.) Schult. & Schult.f., name rejected in part = **C. stuhlmannii**

giesii Lehmiller
Perennial. Geophyte. Ht 0.2–0.4 m. Alt ± 1140 m. N

gouwsii Traub = **C. macowanii**

graminicola I.Verd.
C. graminicola I.Verd. in part (23)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 1000–1650 m. LIM, NW, G, M, KZN

graminicola I.Verd. in part = **C. graminicola**

graminicola I.Verd. in part = **C. harmsii**

harmsii Baker.
C. graminicola I.Verd. in part (22)
Perennial. Geophyte. Ht? Alt? N

imbricatum Baker = **C. moorei**

kirkii Baker in sense of I.Verd., not of Baker = **C. ornatum**

lineare L.f.
Perennial. Geophyte. Ht 0.2–0.7 m. Alt 10–150 m. EC

leucophyllum Baker = **C. buphanoides**

lugardiae N.E.Br.
C. carolo-schmidtii Dinter in sense of Verdoorn (1971, 1973) (22)
C. crispum E.Phillips (17)
C. occiduale R.A.Dyer (22)
C. polyphyllum Baker (17)
Perennial. Geophyte, hydrophyte. Ht 0.2–0.4 m. Alt 1000–1650 m. N, B, LIM, NW, G, M, NC

macowanii Baker
C. gouwsii Traub (17)
C. macowanii Baker subsp. *confusum* I.Verd. (17)
Perennial. Geophyte. Ht 0.5–1.2 m. Alt 200–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

macowanii Baker in part = **C. moorei**.

macowanii Baker subsp. *confusum* I.Verd. = **C. macowanii**

minimum Milne-Redh.
C. walteri Overkott (17, 23)
Perennial. Geophyte. Ht 0.1–0.15 m. Alt 450–1450 m. N, B, LIM, M

moorei Hook.f.
C. imbricatum Baker (17)
C. macowanii Baker in part (17)
C. schmidtii Regel (3)
Perennial. Geophyte. Ht 0.3–1.6 m. Alt 150–450 m. KZN, EC

nerinoides Baker = **Ammocharis nerinoides**

occiduale R.A.Dyer = **C. lugardiae**

ornatum (L.f. ex Aiton) Bury
C. kirkii in sense of I.Verd., not of Baker (19, 20)
Perennial. Geophyte. Ht 0.3–0.7 m. Alt ± 800 m. N

paludosum I.Verd.
C. forbesii (Lindl.) Schult. & Schult.f., name rejected in part (17, 21)
Perennial. Geophyte, hydrophyte. Ht 0.2–0.5 m. Alt 150–1650 m. N, B, LIM, NW, G, S, KZN

parvibulbosum Dinter ex Overkott

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 900–1140 m. N

polyphyllum Baker = **C. lugardiae**

rautanenianum Schinz
Perennial. Geophyte, hydrophyte. Ht 0.4–0.7 m. Alt 750–1200 m. N

schmidtii Regel = **C. moorei**

stuhlmannii Baker
C. delagoense I.Verd. (18)
C. forbesii (Lindl.) Schult. & Schult.f., name rejected in part (17, 21)
Perennial. Geophyte. Ht 0.5–0.7 m. Alt 50–1450 m. N, LIM, M, KZN

subcernuum Baker
C. crassicaule in sense of I.Verd., not of Baker (19, 25)
Perennial. Geophyte, hydrophyte. Ht 0.3–0.6 m. Alt 750–1150 m. N, B

variabile (Jacq.) Herb.
Perennial. Geophyte, hydrophyte. Ht 0.4–0.6 m. Alt 600–1000 m. NC, WC

verdoorniae Lehmiller
Perennial. Geophyte. Ht 0.3–0.8 m. Alt ± 800 m. N

walteri Overkott = **C. minimum**

CROSSYNE Salisb. 1168010

(1) Milne-Redhead & Schweickerdt. 1939. *Journal of the Linnean Society, Botany* 52: 190.
(2) Snijman. 1983. *Journal of South African Botany* 49: 243–249.
(3) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.

flava (W.F.Barker ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies
Boophone flava W.F.Barker ex Snijman (3)
Perennial Geophyte. Ht 200–300 mm. Alt 500–750 m. NC, WC

guttata (L.) D.Müll.-Doblies & U.Müll.-Doblies
Amaryllis guttata L. (3)
Boophone ciliaris (L.) Herb. (1)
Boophone guttata (L.) Herb. (1)
Perennial. Geophyte. Ht 150–200 mm. Alt 5–600 m. WC

CRYPTOSTEPHANUS Welw. ex Baker 1199000

(1) Baker. 1878. *Journal of Botany N.S.* 7: 193–197.
(2) Schulze. 1941. *Botanische Jahrbücher* 71: 520–525.
(3) Nordal. 1983. *FTEA* Amaryllidaceae: 7–9.

densiflorus Welw. ex Baker
Perennial. Geophyte. Ht ± 250 mm. Alt? N

herrei F.M.Leight. = **Cyrtanthus herrei**

merenskyanus Dinter & G.M.Schulze = **Cyrtanthus herrei**

CYBISTETES Milne-Redh. & Schweick. 1190010

herrei (F.M.Leight.) D.Müll.-Doblies & U.Müll.-Doblies = **Ammocharis longifolia**

longifolia (L.) Milne-Redh. & Schweick = **Ammocharis longifolia**.

CYRTANTHUS Aiton 1191000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 4, 25, 33, 35, 37.
(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 99.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 144, 159.
(4) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 211.
(5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 343.
(6) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 559.
(7) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 539
(8) Verdoorn. 1937. *The Flowering Plants of South Africa* 17: t. 680.
(9) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 693.
(10) Dyer. 1939. *Herbertia* 6: 65–103.
(11) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 807.
(12) Dyer. 1942. *The Flowering Plants of South Africa* 22: tt. 867, 868.
(13) Dyer. 1954. *The Flowering Plants of Africa* 30: t. 1163.
(14) Dyer. 1955. *The Flowering Plants of Africa* 30: t. 1182.
(15) Dyer. 1959. *The Flowering Plants of Africa* 33: tt. 1281, 1318.
(16) Bally 1962. *The Flowering Plants of Africa* 35: t. 1393.
(17) Dyer. 1962. *Bothalia* 8: 163.
(18) Traub. 1963. *Plant Life* 19: 58.
(19) Dyer. 1965. *The Flowering Plants of Africa* 37: tt. 1444, 1460.
(20) Killick. 1965. *The Flowering Plants of Africa* 37: t. 1442.
(21) Dyer. 1969. *The Flowering Plants of Africa* 39: t. 1545.
(22) Gordon-Gray & Wright. 1969. *Journal of South African Botany* 35: 35–62.
(23) Sölch. 1969. *FSWA* 150: 8.
(24) Dyer. 1971. *The Flowering Plants of Africa* 41: t. 1632.
(25) Dyer. 1972. *The Flowering Plants of Africa* 42: t. 1660.
(26) Traub. 1972. *Plant Life* 28: 66.
(27) Dyer. 1978. *The Flowering Plants of Africa* 44: t. 1756.
(28) Dyer. 1979. *The Flowering Plants of Africa* 45: t. 1787.
(29) Dyer. 1979. *Bothalia* 12: 627.
(30) Nordal. 1982. *FTEA* Amaryllidaceae: 23–26.
(31) Reid & Dyer. 1984. *A review of the southern African species of* Cyrtanthus.
(32) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 189–191.
(33) Reid. 1993. *The Flowering Plants of Africa* 52: t. 2068.
(34) Snijman *et al.* 1995. *Flowering Plants of Africa* 54: t. 2120.
(35) Snijman. 1999. *Bothalia* 29: 258–263.
(36) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 55–57.
(37) Snijman. 2001. *Bothalia* 31: 31–34.
(38) Snijman & Batten. 2003. *Flowering Plants of Africa* 58: 50–55, t. 2198.
(39) Snijman. Personal communication.

affinis R.A.Dyer = **C. loddigesianus**

angustifolius (L.f.) Aiton
Perennial. Geophyte. Ht 200–600 mm. Alt 30–1400 m. WC, EC

attenuatus R.A.Dyer
Perennial. Geophyte. Ht ± 450 mm. Alt 2600–3000 m. FS, L

balenii E.Phillips = **C. galpinii**

bicolor R.A.Dyer
Perennial. Geophyte. Ht 50–250 mm. Alt ± 1200 m. M, S

brachyscyphus Baker
C. parviflorus Baker (31)
C. rectiflorus Baker (39)
Perennial. Geophyte. Ht ± 300 mm. Alt 15–60 m. KZN, EC

brachysiphon Hilliard & B.L.Burtt
Perennial. Geophyte. Ht ± 160 mm. Alt ± 1300 m. KZN

breviflorus Harv.
Anoiganthus breviflorus (Harv.) Baker (22)
Anoiganthus luteus (Baker) Baker (22)
C. luteus Baker (22)
Perennial. Geophyte. Ht 75–200 mm. Alt 50–3000 m. LIM, G, M, S, FS, KZN, L, EC

capensis Traub (superfluous name for *C. speciosus* R.A.Dyer) = **C. loddigesianus**

carneus Lindl.
Perennial. Geophyte. Ht ± 750 mm. Alt 60–150 m. WC

clavatus (L'Hér.) R.A.Dyer
Perennial. Geophyte. Ht 80–200 mm. Alt 5–350 m. EC

collinus Ker Gawl.
Perennial. Geophyte. Ht ± 300 mm. Alt ± 900 m. WC, EC

contractus N.E.Br.
Perennial. Geophyte. Ht 200–400 mm. Alt 1200–1800 m. G, M, S, FS, KZN, EC

debilis Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt ± 1000 m. WC

elatus (Jacq.) Traub
C. purpureus (Aiton) Traub (32)
C. speciosus (L.f.) Traub, illegitimate name (32)
Vallota purpurea (Aiton) Herb. (32)
Vallota speciosa (L.f.) T.Durand & Schinz (32)
Perennial. Geophyte. Ht 200–450 mm. Alt 600–1200 m. WC, EC

epiphyticus J.M.Wood
Perennial. Geophyte, epiphyte. Ht 300–500 mm. Alt 1800–2500 m. KZN, L, EC

erubescens Killick
Perennial. Geophyte. Ht 200–600 mm. Alt 2000–2750 m. KZN

eucallus R.A.Dyer
Perennial. Geophyte. Ht 300–500 mm. Alt? M

falcatus R.A.Dyer
Perennial. Geophyte. Ht 250–300 mm. Alt 1100–1800 m. KZN

fergusoniae L.Bolus
Perennial. Geophyte. Ht ± 300 mm. Alt 15–180 m. WC

flammosus Snijman & Van Jaarsv.
Perennial. Geophyte. Ht ± 200 mm. Alt ± 300 m. EC

flanaganii Baker
Perennial. Geophyte. Ht ± 200 mm. Alt 2750–3000 m. FS, KZN, L, EC

flavus P.E.Barnes
Perennial. Geophyte. Ht ± 250 mm. Alt ± 200 m. EC

galpinii Baker
C. balenii E.Phillips (31)
Perennial. Geophyte. Ht ± 200 mm. Alt 450–1200 m. M, S, KZN

guthrieae L.Bolus
Perennial. Geophyte. Ht ± 150 mm. Alt ± 120 m. WC

helictus Lehm.
Perennial. Geophyte. Ht 100–200 mm. Alt 450–1300 m. EC

herrei (F.M.Leight.) R.A.Dyer
Cryptostephanus herrei F.M.Leight. (15)
Cryptostephanus merenskyanus Dinter & G.M.Schulze (23)
Perennial. Geophyte. Ht 300–450 mm. Alt ± 400 m. N, NC

huttonii Baker
Perennial. Geophyte. Ht 500–600 mm. Alt ± 2000 m. M, EC

inaequalis O'Brien
Perennial. Geophyte. Ht ± 300 mm. Alt? WC

junodii P.Beauv. (insufficiently known) (31)

labiatus R.A.Dyer
Perennial. Geophyte. Ht ± 300 mm. Alt 550–900 m. EC

leptosiphon Snijman
Perennial. Geophyte. Ht 200–300 mm. Alt ± 120 m. WC

leucanthus Schltr.
Perennial. Geophyte. Ht ± 300 mm. Alt 15–250 m. WC

loddigesianus (Herb.) R.A.Dyer
C. affinis R.A.Dyer (29)
C. capensis Traub (superfluous name for *C. speciosus* R.A.Dyer) (32)
C. speciosus R.A.Dyer (36)
Perennial. Geophyte. Ht 80–300 mm. Alt 15–600 m. EC

lutescens Herb. = **C. ochroleucus**

lutescens Herb. var. *cooperi* Baker = **C. mackenii** var. **cooperi**

luteus Baker = **C. breviflorus**

mackenii Hook.f. var. **cooperi** (Baker) R.A.Dyer
C. lutescens Herb. var. *cooperi* Baker
Perennial. Geophyte. Ht 200–300 mm. Alt 15–600 m. KZN, EC

mackenii Hook.f. var. **mackenii**
Perennial. Geophyte. Ht 200–300 mm. Alt 15–600 m. KZN, EC

macowanii Baker
Perennial. Geophyte. Ht 150–300 mm. Alt 1300–2000 m. M, KZN, EC

montanus R.A.Dyer
Perennial. Geophyte. Ht ± 250 mm. Alt? EC

nutans R.A.Dyer
Perennial. Geophyte. Ht 150–200 mm. Alt ± 1100 m. S, KZN

obliquus (L.f.) Aiton
Perennial. Geophyte. Ht 200–600 mm. Alt 100–850 m. KZN, WC, EC

obrienii Baker
Perennial. Geophyte. Ht 150–300 mm. Alt? KZN, EC

ochroleucus (Herb.) Burch. ex Steud.
C. lutescens Herb. (10)
Perennial. Geophyte. Ht ± 300 mm. Alt 200–600 m. WC

odorus Ker Gawl.
Perennial. Geophyte. Ht ± 300 mm. Alt 120–335 m. WC

pallidus Sims = **C. ventricosus**

parviflorus Baker = **C. brachyscyphus**

purpureus (Aiton) Traub = **C. elatus**

rectiflorus Baker = **C. brachyscyphus**

rhododactylus Stapf (insufficiently known) (31)

rotundilobus N.E.Br.
Perennial. Geophyte. Ht 150–300 mm. Alt ± 1800 m. EC

sanguineus (Lindl.) Walp. subsp. **sanguineus**
Perennial. Geophyte. Ht 300–400 mm. Alt 15–600 m. KZN, EC

smithiae Watt ex Harv.
Perennial. Geophyte. Ht 150–300 mm. Alt ± 300 m. EC

speciosus (L.f.) Traub, illegitimate name = **C. elatus**

speciosus R.A.Dyer = **C. loddigesianus**

spiralis Burch. ex Ker Gawl.
Perennial. Geophyte. Ht ± 300 mm. Alt 100–400 m. EC

staadensis Schönland
Perennial. Geophyte. Ht ± 400 mm. Alt ± 600 m. EC

stenanthus Baker var. **major** R.A.Dyer
Perennial. Geophyte. Ht 200–300 mm. Alt 1800–2400 m. LIM, M, S, FS, KZN

stenanthus Baker var. **stenanthus**
Perennial. Geophyte. Ht 200–300 mm. Alt 1800–2400 m. M, FS, KZN, L

striatus Herb. (insufficiently known) (31)

suaveolens Schönland
Perennial. Geophyte. Ht 150–200 mm. Alt ± 1500 m. EC

thorncroftii C.H.Wright
Perennial. Geophyte. Ht ± 250 mm. Alt? LIM, M

tuckii Baker var. **transvaalensis** I.Verd.
Perennial. Geophyte. Ht 300–450 mm. Alt ± 1500 m. LIM, G, M, S, KZN

tuckii Baker var. **tuckii**
Perennial. Geophyte. Ht 300–450 mm. Alt? M, KZN, EC

tuckii Baker var. **viridilobus** I.Verd.
Perennial. Geophyte. Ht 300–450 mm. Alt? FS, KZN, EC

ventricosus Willd.
C. pallidus Sims (36)
Perennial. Geophyte. Ht 100–250 mm. Alt 60–1000 m. WC, EC

wellandii Snijman
Perennial. Geophyte. Ht 200–400 mm. Alt ± 150 m. EC

DEWINTERELLA D.Müll.-Doblies & U.Müll.-Doblies 1179010

mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea mathewsii**

pulcherrima (D.Müll.-Doblies & U.Müll.-Doblies) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea pulcherrima**

GEMMARIA D.Müll.-Doblies & U.Müll.-Doblies 1166030

chaplinii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria chaplinii**

discifera (Marloth ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria discifera** subsp. **discifera**

gemmata (Ker Gawl.) Salisb. ex D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria gemmata**

karooica (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria karooica**

karooportensis D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria karoopoortensis**

leipoldtii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria leipoldtii**

massoniella D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria massoniella**

mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea mathewsii**

merxmuelleriana D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria merxmuelleriana**

pulcherrima D.Müll.-Doblies & U.Müll.-Doblies = **Hessea pulcherrima**

unguiculata (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria unguiculata**

GETHYLLIS L. 1186000

(1) Baker. 1896. *FC* 6: 193–196.
(2) Bolus. 1929. *Journal of Botany* 67: 135–139.
(3) Marloth. 1931. *South African Gardening & Country Life* 21: 40, 41.
(4) Bolus. 1932. *South African Gardening & Country Life* 22: 83–88.
(5) Bolus. 1933. *Journal of Botany* 71: 122.
(6) Schulze. 1941. *Botanische Jahrbücher* 71: 521.
(7) Leighton. 1947. *The Flowering Plants of Africa* 26: t. 1018.
(8) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1428.
(9) Obermeyer. 1972. *The Flowering Plants of Africa* 42: tt. 1649, 1650.
(10) Obermeyer. 1980. *Bothalia* 13: 136.
(11) Müller-Doblies. 1986. *Willdenowia* 15: 465–471.
(12) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 57, 58.
(13) Snijman. Personal communication.

afra L.
G. pusilla Baker (11)
Perennial. Geophyte. Ht 100–140 mm. Alt 75–200 m. WC

angelicae Dinter & G.M.Schulze = **G. namaquensis**

barkerae D.Müll.-Doblies subsp. **barkerae**
Perennial. Geophyte. Ht 30–150 mm. Alt ± 400 m. WC

barkerae D.Müll.-Doblies subsp. **paucifolia** D.Müll.-Doblies
Perennial. Geophyte. Ht 30–150 mm. Alt? WC

britteniana Baker subsp. **britteniana**
Perennial. Geophyte. Ht 150–250 mm. Alt 150–800 m. NC, WC

britteniana Baker subsp. **bruynsii** D.Müll.-Doblies (insufficiently known) (13)

britteniana Baker subsp. **herrei** (L.Bolus) D.Müll.-Doblies
G. herrei L.Bolus (11)
Perennial. Geophyte. Ht 70–100 mm. Alt? NC

campanulata L.Bolus
G. multifolia L.Bolus (12)
Perennial. Geophyte. Ht 250–300 mm. Alt 250–800 m. NC, WC

cavidens D.Müll.-Doblies (insufficiently known) (13)

ciliaris (Thunb.) Thunb. subsp. **ciliaris**
G. undulata Herb. (12)
Perennial. Geophyte. Ht 150–300 mm. Alt ± 250 m. WC

ciliaris (Thunb.) Thunb. subsp. **longituba** (L.Bolus) D.Müll.-Doblies
G. longituba L.Bolus (11)
Perennial. Geophyte. Ht 150–300 mm. Alt ± 150 m. WC

fimbriatula D.Müll.-Doblies
Perennial. Geophyte. Ht 20–40 mm. Alt? WC

grandiflora L.Bolus
Perennial. Geophyte. Ht ± 140 mm. Alt? NC

gregoriana D.Müll.-Doblies
Perennial. Geophyte. Ht ± 150 mm. Alt 150–800 m. NC, WC

hallii D.Müll.-Doblies
Perennial. Geophyte. Ht 120–200 mm. Alt ± 350 m. WC

heinzeana D.Müll.-Doblies (insufficiently known) (13)

herrei L.Bolus = **G. britteniana** subsp. **herrei**

kaapensis D.Müll.-Doblies
Perennial. Geophyte. Ht 100–150 mm. Alt ± 60 m. WC

lanuginosa Marloth
Perennial. Geophyte. Ht 40–100 mm. Alt 20–900 m. NC, WC

lata L.Bolus subsp. **lata**
Perennial. Geophyte. Ht 30–40 mm. Alt ± 700 m. NC, WC

lata L.Bolus subsp. **orbicularis** D.Müll.-Doblies
Perennial. Geophyte. Ht 30–40 mm. Alt? NC

latifolia Masson ex Baker
Perennial. Geophyte. Ht ± 120 mm. Alt? NC, WC

linearis L.Bolus
Perennial. Geophyte. Ht 20–50 mm. Alt 140–450 m. NC, WC

longistyla Bolus
Perennial. Geophyte. Ht 70–100 mm. Alt? WC

longituba L.Bolus = **G. ciliaris** subsp. **longituba**

marginata D.Müll.-Doblies (insufficiently known) (12)

multifolia L.Bolus = **G. campanulata**

namaquensis (Schönland) Oberm.
G. angelicae Dinter & G.M.Schulze (11)
Klingia namaquensis Schönland (10)

Perennial. Geophyte. Ht ± 150 mm. Alt ± 600 m. N, NC

oligophylla D.Müll.-Doblies (insufficiently known) (12)

oliverorum D.Müll.-Doblies (insufficiently known) (12)

pectinata D.Müll.-Doblies
Perennial. Geophyte. Ht ± 75 mm. Alt ± 800 m. NC

polyanthera Sol. ex Britten, superfluous name (11)

pusilla Baker = **G. afra**

roggeveldensis D.Müll.-Doblies
Perennial. Geophyte. Ht ± 75 mm. Alt ± 1000 m. NC

setosa Marloth
Perennial. Geophyte. Ht ± 50 mm. Alt ± 1000 m. NC

spiralis (Thunb.) Thunb.
G. unilateralis L.Bolus (11)
Perennial. Geophyte. Ht 50–150 mm. Alt? WC, EC

transkarooica D.Müll.-Doblies
Perennial. Geophyte. Ht 50–150 mm. Alt? B, NW, FS, NC, WC, EC

undulata Herb. = **G. ciliaris** subsp. **ciliaris**

unilateralis L.Bolus = **G. spiralis**

uteana D.Müll.-Doblies
Perennial. Geophyte. Ht ± 50 mm. Alt ± 1000 m. WC

verrucosa Marloth
Perennial. Geophyte. Ht 50–80 mm. Alt 75–400 m. NC, WC

verticillata R.Br. ex Herb.
Perennial. Geophyte. Ht 100–300 mm. Alt 200–1200 m. NC, WC

villosa (Thunb.) Thunb.
Perennial. Geophyte. Ht 30–150 mm. Alt 75–600 m. NC, WC

*HABRANTHUS Herb. 1181010

(1) Herbert. 1824. *Curtis's Botanical Magazine* 51: t. 2426.
(2) Sealy. 1937. *Journal of the Royal Horticultural Society* 62: 195–209.
(3) Uphof. 1946. *Herbertia* 13: 93–97.

robustus Herb.
Perennial. Geophyte. Ht ± 300 mm. Alt? KZN

HAEMANTHUS L. 1167000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 32.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 136.
(3) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 190.
(4) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 531.
(5) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 695.
(6) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 793.
(7) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1239.
(8) Van Druten. 1957. *The Flowering Plants of Africa* 32: t. 1257.
(9) Verdoorn. 1976. *The Flowering Plants of Africa* 43: t. 1681.
(10) Obermeyer. 1979. *The Flowering Plants of Africa* 46: t. 1803.
(11) Snijman. 1982. *Journal of South African Botany* 48: 93–103.
(12) Snijman. 1984. *Journal of South African Botany* Suppl. 12: 1–139.
(13) Snijman & Van Wyk. 1993. *South African Journal of Botany* 59: 247–250.
(14) Snijman & Weber. 1994. *Flowering Plants of Africa* 53: t. 2095.

albiflos Jacq.
H. albomaculatus Baker (12)
Perennial. Geophyte. Ht 75–350 mm. Alt 15–1200 m. KZN, WC, EC

albomaculatus Baker = **H. albiflos**

amarylloides in sense of Baker, not of Jacq., misapplied name = **H. montanus**

amarylloides Jacq. subsp. **amarylloides**
Perennial. Geophyte. Ht 150–250 mm. Alt 350–750 m. NC, WC

amarylloides Jacq. subsp. **polyanthus** Snijman
Perennial. Geophyte. Ht 140–340 mm. Alt 800–1200 m. NC

amarylloides Jacq. subsp. **toximontanus** Snijman
Perennial. Geophyte. Ht 100–200 mm. Alt ± 700 m. WC

avasmontanus Dinter
Perennial. Geophyte. Ht 250–350 mm. Alt? N

barkerae Snijman
Perennial. Geophyte. Ht ± 200 mm. Alt 300–900 m. NC

baurii Baker = **H. deformis**

canaliculatus Levyns
Perennial. Geophyte. Ht ± 200 mm. Alt ± 30 m. WC

carneus Ker Gawl.
Perennial. Geophyte. Ht 100–275 mm. Alt 300–1200 m. FS, KZN, EC

coccineus L.
H. concolor Herb. (12)
H. moschatus Jacq. (12)
H. splendens Dinter (12)
H. tigrinus Jacq. (12)
Perennial. Geophyte. Ht 200–400 mm. Alt 15–1200 m. N, NC, WC, EC

concolor Herb. = **H. coccineus**

crispus Snijman
H. undulatus Herb. (12)
Perennial. Geophyte. Ht 100–150 mm. Alt 350–900 m. NC, WC

dasyphyllus Snijman
Perennial. Geophyte. Ht 100–250 mm. Alt ± 900 m. NC

deformis Hook.f.
H. baurii Baker (12)
H. mackenii Baker (12)
Perennial. Geophyte. Ht ± 100 mm. Alt 300–1000 m. KZN, EC

graniticus Snijman
Perennial. Geophyte. Ht ± 250 mm. Alt 600–1150 m. NC

hirsutus Baker = **H. humilis** subsp. **hirsutus**

humilis Jacq. subsp. **hirsutus** (Baker) Snijman
H. hirsutus Baker (12)
Perennial. Geophyte. Ht 200–350 mm. Alt 1220–2100 m. G, M, S, FS, KZN, L, EC

humilis Jacq. subsp. **humilis**
H. nelsonii Baker (12)
Perennial. Geophyte. Ht 50–350 mm. Alt 460–1400 m. B, LIM, NW, G, FS, NC, EC

incarnatus Burch. ex Herb. = **H. sanguineus**

katharinae Baker = **Scadoxus multiflorus** subsp. **katharinae**

lanceifolius Jacq.
Perennial. Geophyte. Ht 100–200 mm. Alt 150–250 m. NC, WC

mackenii Baker = **H. deformis**

magnificus Herb. = **Scadoxus puniceus**

membranaceus Baker = **Scadoxus membranaceus**

montanus Baker
H. amarylloides in sense of Baker, not of Jacq., misapplied name (12)
Perennial. Geophyte. Ht 150–250 mm. Alt? B, NW, G, M, FS, KZN, EC

moschatus Jacq. = **H. coccineus**

multiflorus Martyn = **Scadoxus multiflorus** subsp. **multiflorus**

namaquensis R.A.Dyer
Perennial. Geophyte. Ht ± 200 mm. Alt 300–900 m. N, NC

natalensis Pappe ex Hook. = **Scadoxus puniceus**

nelsonii Baker = **H. humilis** subsp. **humilis**

nortieri Isaac
Perennial. Geophyte. Ht 200–300 mm. Alt ± 400 m. WC

otaviensis Dinter = **Scadoxus multiflorus** subsp. **multiflorus**

pauculifolius Snijman & A.E.van Wyk
Perennial. Geophyte. Ht ± 150 mm. Alt 600–900 m. M, S

pubescens L.f. subsp. **arenicola** Snijman
Perennial. Geophyte. Ht ± 200 mm. Alt ± 200 m. N, NC

pubescens L.f. subsp. **leipoldtii** Snijman
Perennial. Geophyte. Ht ± 200 mm. Alt 150–250 m. WC

pubescens L.f. subsp. **pubescens**
Perennial. Geophyte. Ht 100–200 mm. Alt 0–300 m. WC

pumilio Jacq.
Perennial. Geophyte. Ht 100–200 mm. Alt 100–150 m. WC

puniceus L. var. *membranaceus* (Baker) Baker = **Scadoxus membranaceus**

puniceus L. var. *puniceus* = **Scadoxus puniceus**

rotundifolius Ker Gawl. = **H. sanguineus**

sacculus E.Phillips = **Scadoxus multiflorus** subsp. **multiflorus**

sanguineus Jacq.
H. incarnatus Bureh. ex Herb. (12)
H. rotundifolius Ker Gawl. (12)
Perennial. Geophyte. Ht 150–250 mm. Alt 15–1200 m. WC, EC

splendens Dinter = **H. coccineus**

tigrinus Jacq. = **H. coccineus**

tristis Snijman
Perennial. Geophyte. Ht ± 100 mm. Alt ± 300 m. WC

undulatus Herb. = **H. crispus**

unifoliatus Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt 300–1200 m. NC

HESSEA Herb. 1166000

(1) Baker. 1896. *FC* 6: 189–244.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 43.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 120.
(4) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 404.
(5) Leighton. 1948. *Journal of South African Botany* 14: 81–83.
(6) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1413.
(7) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.
(8) Snijman. 1989. *South African Journal of Botany* 55: 349–357.
(9) Müller-Doblies & Müller-Doblies. 1992. *Gleditschia* 20: 15–20.
(10) Snijman. 1992. *Bothalia* 22: 1–11.
(11) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
(12) Snijman. 1994. *Contributions from the Bolus Herbarium* 16: 1–162.
(13) Snijman. 1999. *Novon* 9: 107–110.
(14) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 705.
(15) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.

bachmanniana Schinz = **H. breviflora**

brachyscypha Baker = **H. breviflora**

breviflora Herb.
H. bachmanniana Schinz (12)
H. brachyscypha Baker (20)
H. dregeana Kunth (7)
H. longituba D.Müll.-Doblies & U.Müll.-Doblies (12)
H. zeyheri Baker (12)
Periphanes brachyscypha (Baker) F.M.Leight. (12)
Periphanes dregeana (Kunth) F.M.Leight. (7)
Periphanes zeyheri (Baker) F.M.Leight. (12)
Perennial. Geophyte. Ht 100–220 mm. Alt 60–900 m. NC, WC

bruce-bayeri (D.Müll.-Doblies & U.Müll.-Doblies) Snijman = **Namaquanula bruce-bayeri**

chaplinii W.F.Barker = **Strumaria chaplinii**

cinnabarina D.Müll.-Doblies & U.Müll.-Doblies = **H. stellaris**

cinnamomea (L'Hér.) T.Durand & Schinz
H. crispa (Jaeq.) Kunth (5)
Periphanes cinnamomea (L'Hér.) F.M.Leight. (7)
Perennial. Geophyte. Ht ± 100 mm. Alt 15–200 m. WC

crispa (Jacq.) Kunth = **H. cinnamomea**

dregeana Kunth = **H. breviflora**

filifolia (Jacq. ex Willd.) Benth. & Hook. = **Strumaria tenella** subsp. **tenella**

gemmata (Ker Gawl.) Benth. & Hook. = **Strumaria gemmata**

incana Snijman
Perennial. Geophyte. Ht 100–150 mm. Alt ± 900 m. NC

karooica W.F.Barker = **Strumaria karooica**

leipoldtii L.Bolus = **Strumaria leipoldtii**

longituba D.Müll.-Doblies & U.Müll.-Doblies = **H. breviflora**

mathewsii W.F.Barker
Dewinterella mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (14)
Gemmaria mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (12)
Perennial. Geophyte. Ht ± 150 mm. Alt ± 80 m. WC

monticola Snijman
Perennial. Geophyte. Ht 100–200 mm. Alt ± 900 m. WC

pilosula D.Müll.-Doblies & U.Müll.-Doblies
Perennial. Geophyte. Ht 100–120 mm. Alt ± 900 m. NC

pulcherrima (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Dewinterella pulcherrima (D.Müll.-Doblies & U.Müll.-Doblies) D.Müll.-Doblies & U.Müll.-Doblies (14)
Gemmaria pulcherrima D.Müll.-Doblies & U.Müll.-Doblies (12)
Perennial. Geophyte. Ht ± 100 mm. Alt 250–750 m. NC, WC

pusilla Snijman
Perennial. Geophyte. Ht ± 120 mm. Alt ± 800 m. NC

rehmannii Baker = **Nerine rehmannii**

speciosa Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt ± 900 m. N, NC

spiralis Baker, illegitimate name = **Strumaria pygmaea**

stellaris (Jacq.) Herb.
H. cinnabarina D.Müll.-Doblies & U.Müll.-Doblies (12)
H. weberlingiorum D.Müll.-Doblies & U.Müll.-Doblies (12)
Periphanes stellaris (Jaeq.) Salisb. (12)
Perennial. Geophyte. Ht ± 150 mm. Alt ± 500 m. NC, WC

stenosiphon (Snijman) D.Müll.-Doblies & U.Müll.-Doblies
Kamiesbergia stenosiphon Snijman (9)
Perennial. Geophyte. Ht ± 150 mm. Alt 800–1200 m. NC

tenella (L.f.) Oberm. = **Strumaria tenella** subsp. **tenella**

tenuipedicellata Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt ± 550 m. WC

undosa Snijman
Perennial. Geophyte. Ht 150–200 mm. Alt ± 700 m. WC

unguiculata W.F.Barker = **Strumaria unguiculata**

weberlingiorum D.Müll.-Doblies & U.Müll.-Doblies = **H. stellaris**

zeyheri Baker = **H. breviflora**

KAMIESBERGIA Snijman 1166045

stenosiphon Snijman = **Hessea stenosiphon**

KLINGIA Schönland 1186010

namaquensis Schönland = **Gethyllis namaquensis**

NAMAQUANULA D.Müll.-Doblies & U.Müll.-Doblies 1166040

(1) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.
(2) Snijman. 1999. *Novon* 9: 107–110.
(3) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.

bruce-bayeri D.Müll.-Doblies & U.Müll.-Doblies
Hessea bruce-bayeri (D.Müll.-Doblies & U.Müll.-Doblies) Snijman (3)
N. etesionamibensis D.Müll.-Doblies & U.Müll.-Doblies (2)
Perennial. Geophyte. Ht 75–100 mm. Alt ± 100 m. N, NC

etesionamibensis D.Müll.-Doblies & U.Müll.-Doblies = **N. bruce-bayeri**

NERINE Herb. 1175000

(1) Durand & Schinz. 1894. *Conspectus florae africae*: 255–258.
(2) Baker. 1896. *FC* 6: 209–215.
(3) Bolus. 1923. *Annals of the Bolus Herbarium* 3: 79.
(4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 120.
(5) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 132, 134, 139.
(6) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 355.
(7) Bolus. 1930. *South African Gardening & Country Life* 20: 147, 148.
(8) Barker. 1932. *South African Gardening & Country Life* 22: 137.
(9) Barker. 1933. *The Flowering Plants of South Africa* 13: t. 511.
(10) Barker. 1935. *The Flowering Plants of South Africa* 15: tt. 561–570.
(11) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 679.
(12) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 658.
(13) Bolus. 1938. *The Flowering Plants of South Africa* 18: tt. 683, 691.
(14) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 841.
(15) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1118.
(16) Dyer. 1952. *The Flowering Plants of Africa* 29: t. 1130.
(17) Sealy. 1955. *Curtis's Botanical Magazine* N.S. 170: t. 244
(18) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1211.
(19) Traub. 1967. *Plant Life* 23: 1–32.
(20) Douglas. 1968. *Journal of South African Botany* 34: 5–7.
(21) McNeil. 1971. *Journal of South African Botany* 37: 267, 268.
(22) Norris. 1974. *Nerine Society Bulletin* 6: 1–31.
(23) Douglas. 1985. *Bothalia* 15: 545, 546.
(24) Snijman. 1995. *Novon* 5: 103–105.
(25) Hilton-Taylor. 1997. *Bothalia* 27: 202.
(26) Archer *et al.* 1997. *Flowering Plants of Africa* 55: t. 2127.
(27) Obermeyer. Personal communication.
(28) Archer. Personal communication.
(29) Snijman. Personal communication.

alta W.F.Barker = **N. undulata**

angulata L.Bolus = **N. angustifolia**

angustifolia (Baker) Baker
N. angulata L.Bolus (17)
Perennial. Geophyte. Ht ± 550 mm. Alt? G, M, S, FS, KZN, L, EC

appendiculata Baker
N. brachystemon Baker (27)
Perennial. Geophyte. Ht 500–600 mm. Alt ± 1800 m. KZN, EC

bowdenii Watson
N. bowdenii Watson subsp. *wellsii* C.A.Norris (28)
Perennial. Geophyte. Ht 500–700 mm. Alt 2500–3000 m. FS, KZN, EC

bowdenii Watson subsp. *wellsii* C.A.Norris = **N. bowdenii**

brachystemon Baker = **N. appendiculata**

breachiae W.F.Barker = **N. humilis**

curvifolia Jacq. = **N. sarniensis**

duparquetiana Baker = **N. laticoma**

falcata W.F.Barker = **N. laticoma**

filamentosa W.F.Barker
Perennial. Geophyte. Ht ± 300 mm. Alt 800–1200 m. EC

filifolia Baker
N. filifolia Baker var. *parviflora* W.F.Barker (27)
N. parviflora (W.F.Barker) Traub (27)
Perennial. Geophyte. Ht ± 300 mm. Alt? EC

filifolia Baker var. *parviflora* W.F.Barker = **N. filifolia**

flexuosa (Jacq.) Herb. in part = **N. humilis**

flexuosa (Jacq.) Herb. in part = **N. undulata**

frithii L.Bolus
Perennial. Geophyte. Ht ± 200 mm. Alt? NW, FS, NC

gaberonensis Bremek. & Oberm.
Perennial. Geophyte. Ht ± 250 mm. Alt? B, LIM, NW, NC

gibsonii Douglas
Perennial. Geophyte. Ht ± 300 mm. Alt 1500–1800 m. EC

gracilis R.A.Dyer
Perennial. Geophyte. Ht ± 200 mm. Alt? G, M

hesseoides L.Bolus
Perennial. Geophyte. Ht ± 200 mm. Alt? NW, FS, NC

humilis (Jacq.) Herb.
N. breachiae W.F.Barker (22)
N. flexuosa (Jacq.) Herb. in part (23)
N. peersii W.F.Barker (22)
N. pulchella Herb. (23)
N. tulbaghensis W.F.Barker (23)
Perennial. Geophyte. Ht 150–350 mm. Alt 45–1300 m. WC, EC

huttoniae Schönland
Perennial. Geophyte. Ht ± 250 mm. Alt? EC

krigei W.F.Barker
Perennial. Geophyte. Ht ± 400 mm. Alt? G, M

laticoma (Ker Gawl.) T.Durand & Schinz
N. duparquetiana Baker (27)
N. falcata W.F.Barker (19)
N. lucida (Herb.) Herb. (19)
Perennial. Geophyte. Ht ± 300 mm. Alt? N, B, LIM, NW, FS, NC

lucida (Herb.) Herb. = **N. laticoma**

marincowitzii Snijman
Perennial. Geophyte. Ht ± 200 mm. Alt ± 700 m. WC

masoniorum L.Bolus
Perennial. Geophyte. Ht ± 220 mm. Alt? EC

pancratioides Baker
N. schlechteri Baker (29)
Perennial. Geophyte. Ht ± 600 mm. Alt ± 2000 m. KZN

parviflora (W.F.Barker) Traub = **N. filifolia**

peersii W.F.Barker = **N. humilis**

platypetala McNeil
Perennial. Geophyte. Ht ± 400 mm. Alt 1500–1800 m. M

pudica Hook.f.
Perennial. Geophyte. Ht 250–350 mm. Alt ± 750 m. WC

pulchella Herb. = **N. humilis**

pusilla Dinter
Perennial. Geophyte. Ht ± 200 mm. Alt? N

rehmannii (Baker) L.Bolus
Hessea rehmannii Baker (7)
Perennial. Geophyte. Ht ± 200 mm. Alt ± 1800 m. G, M, S

ridleyi Phillips
Perennial. Geophyte. Ht 350–700 mm. Alt ± 1400 m. WC

sarniensis (L.) Herb.
N. curvifolia Jacq. (19)
Perennial. Geophyte. Ht 250–450 mm. Alt 45–1000 m. WC

schlechteri Baker = **N. pancratioides**

transvaalensis L.Bolus (insufficiently known)

tulbaghensis W.F.Barker = **N. humilis**

undulata (L.) Herb.
N. alta W.F.Barker (27)
N. flexuosa (Jacq.) Herb. in part (29)
Perennial. Geophyte. Ht ± 300 mm. Alt 400–1400 m. EC

PANCRATIUM L. 1202000

(1) Björnstad. 1973. *Norwegian Journal of Botany* 20: 281–291.
(2) Merxmüller. 1969. *FSWA* 150: 12, 13.

chapmannii Harv. = **P. tenuifolium**

tenuifolium Hochst. ex A.Rich.
Chapmanolirion juttae Dinter (1)
P. chapmannii Harv. (1)
P. trianthum in sense of Baker, not of Herb., misapplied name (1)
Perennial. Geophyte. Ht 300–400 mm. Alt? N, B, LIM, NC

trianthum in sense of Baker, not of Herb., misapplied name = **P. tenuifolium**

PERIPHANES Salisb. 1166020

brachyscypha (Baker) F.M.Leight. = **Hessea breviflora**

cinnamomea (L'Hér.) F.M.Leight. = **Hessea cinnamomea**

dregeana (Kunth) F.M.Leight. = **Hessea breviflora**

gemmata (Ker Gawl.) F.M.Leight. = **Strumaria gemmata**

karooica (W.F.Barker) F.M.Leight. = **Strumaria karooica**

leipoldtii (L.Bolus) F.M.Leight. = **Strumaria leipoldtii**

spiralis (Baker) F.M.Leight. = **Strumaria pygmaea**

stellaris (Jacq.) Salisb. = **Hessea stellaris**

strumosa (Aiton) F.M.Leight. = **Strumaria tenella** subsp. **tenella**

unguiculata (W.F.Barker) F.M.Leight. = **Strumaria unguiculata**

zeyheri (Baker) F.M.Leight. = **Hessea breviflora**

SCADOXUS Raf. 1167010

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 32.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 136.
(3) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 531.
(4) Björnstad & Friis. 1974. *Norwegian Journal of Botany* 21: 243–275.
(5) Verdoorn. 1974. *The Flowering Plants of Africa* 43: t. 1681.
(6) Friis & Nordal. 1976. *Norwegian Journal of Botany* 23: 63–77.

membranaceus (Baker) Friis & Nordal
Haemanthus membranaceus Baker (6)
Haemanthus puniceus L. var. *membranaceus* (Baker) Baker (4)
Perennial. Geophyte. Ht 300–500 mm. Alt? KZN, EC

multiflorus (Martyn) Raf. subsp. **katharinae** (Baker) Friis & Nordal
Haemanthus katharinae Baker (6)
Perennial. Geophyte. Ht 0.75–1.2 m. Alt? M, S, KZN, EC

multiflorus (Martyn) Raf. subsp. **multiflorus**
Haemanthus multiflorus Martyn (6)
Haemanthus otaviensis Dinter (4)
Haemanthus sacculus E.Phillips (4)
Perennial. Geophyte. Ht 0.5–1 m. Alt? N, B, LIM, M, S, KZN

puniceus (L.) Friis & Nordal
Haemanthus magnificus Herb. (4)
Haemanthus natalensis Pappe ex Hook. (4)
Haemanthus puniceus L. var. *puniceus* (6)
Perennial. Geophyte. Ht 0.5–0.75 m. Alt 15–2100 m. B, LIM, NW, G, M, S, FS, KZN, EC

STRUMARIA Jacq. ex Willd. 1171000

(1) Baker. 1896. *FC* 6: 215–217.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 127.
(3) Barker. 1930. *The Flowering Plants of South Africa* 10: t. 398.
(4) Merxmüller. 1969. *FSWA* 150: 13, 14.
(5) Obermeyer. 1981. *Bothalia* 13: 435.
(6) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.
(7) Snijman. 1992. *Bothalia* 22: 1–11.
(8) Killick. 1993. *The Flowering Plants of Africa* 52: t. 2067.
(9) Snijman. 1994. *Contributions from the Bolus Herbarium* 16: 1–162.
(10) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
(11) Müller-Doblies & Müller-Doblies. 1996. *Feddes Repertorium* 107: S.c. 1–9.
(12) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.
(13) Snijman. Personal communication.

aestivalis Snijman
Bokkeveldia aestivalis (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht 60–100 mm. Alt ± 950 m. NC

angustifolia Jacq. = **S. truncata**

barbarae Oberm.
Perennial. Geophyte. Ht 200–400 mm. Alt? N, NC

bidentata Schinz
Perennial. Geophyte. Ht 80–150 mm. Alt ± 380 m. N, NC

chaplinii (W.F.Barker) Snijman
Gemmaria chaplinii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea chaplinii W.F.Barker (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 80 m. WC

discifera Marloth ex Snijman subsp. **bulbifera** Snijman
Perennial. Geophyte. Ht 100–150 mm. Alt ± 800 m. NC

discifera Marloth ex Snijman subsp. **discifera**
Gemmaria discifera (Marloth ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht ± 100 mm. Alt 60–800 m. NC, WC

gemmata Ker Gawl.
Gemmaria gemmata (Ker Gawl.) Salisb. ex D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea gemmata (Ker Gawl.) Benth. & Hook. (9)
Periphanes gemmata (Ker Gawl.) F.M.Leight. (9)
Perennial. Geophyte. Ht ± 100 mm. Alt 15–2000 m. FS, NC, WC, EC

gigantea D.Müll.-Doblies & U.Müll.-Doblies = **S. phonolithica**

hardyana D.Müll.-Doblies & U.Müll.-Doblies
Perennial. Geophyte. Ht 170–350 mm. Alt? N

karooica (W.F.Barker) Snijman
Gemmaria karooica (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea karooica W.F.Barker (9)
Periphanes karooica (W.F.Barker) F.M.Leight. (9)
Perennial. Geophyte. Ht ± 100 mm. Alt 900–1400 m. NC, WC

karoopoortensis (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria karooportensis D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 150–250 mm. Alt ± 100 m. WC

leipoldtii (L.Bolus) Snijman
Gemmaria leipoldtii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea leipoldtii L.Bolus (9)
Periphanes leipoldtii (L.Bolus) F.M.Leight. (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 45 m. WC

linguaefolia Jacq. = **S. truncata**

massoniella (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria massoniella D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 1000 m. NC

merxmuelleriana (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria merxmuelleriana D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 1000 m. NC

perryae Snijman
Bokkeveldia perryae (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht 100–250 mm. Alt ± 800 m. NC

phonolithica Dinter
S. gigantea D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht ± 100 mm. Alt? N

picta W.F.Barker
Bokkeveldia picta (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–150 mm. Alt ± 800 m. NC

pubescens W.F.Barker
Bokkeveldia pubescens (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–200 mm. Alt ± 1000 m. NC, WC

pygmaea Snijman
Hessea spiralis Baker, illegitimate name (9)
Periphanes spiralis (Baker) F.M.Leight. (9)
Tedingea pygmaea (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Tedingea spiralis (Baker) D.Müll.-Doblies & U.Müll.-Doblies (11)
Perennial. Geophyte. Ht 50–100 mm. Alt ± 400 m. NC, WC

rubella Jacq. = **S. truncata**

salteri W.F.Barker
Bokkeveldia salteri (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–250 mm. Alt 60–400 m. WC

spiralis L'Hér.
Carpolyza spiralis (L'Hér.) Salisb. (12)
Perennial. Geophyte. Ht 50–250 mm. Alt 30–600 m. WC

tenella (L.f.) Snijman subsp. **orientalis** Snijman
Tedingea transkarooica D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht 150–250 mm. Alt? FS, L

tenella (L.f.) Snijman subsp. **tenella**
Hessea filifolia (Jacq. ex Willd.) Benth. & Hook. (9)
Hessea tenella (L.f.) Oberm. (9)
Periphanes strumosa (Aiton) F.M.Leight. (9)
Tedingea tenella (L.f.) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–200 mm. Alt 30–1400 m. NC, WC

truncata Jacq.
S. angustifolia Jacq. (9)
S. linguaefolia Jacq. (9)
S. rubella Jacq. (9)
Perennial. Geophyte. Ht 75–200 mm. Alt 60–1000 m. NC, WC

undulata Jacq. (insufficiently known) (9)

unguiculata (W.F.Barker) Snijman
Gemmaria unguiculata (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea unguiculata W.F.Barker (9)
Periphanes unguiculata (W.F.Barker) F.M.Leight. (9)
Perennial. Geophyte. Ht 100–350 mm. Alt ± 180 m. NC

villosa Snijman
Perennial. Geophyte. Ht 75–150 mm. Alt ± 1000 m. NC

watermeyeri L.Bolus subsp. **botterkloofensis** (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Bokkeveldia watermeyeri (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *botterkloofensis* D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 50–150 mm. Alt ± 700 m. NC

watermeyeri L.Bolus subsp. **watermeyeri**
Bokkeveldia watermeyeri (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *watermeyeri* (9)
Perennial. Geophyte. Ht 50–150 mm. Alt ± 800 m. NC

TEDINGEA D.Müll.-Doblies & U.Müll.-Doblies 1166050

pygmaea (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pygmaea**

spiralis (Baker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pygmaea**

tenella (L.f.) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria tenella** subsp. **tenella**

transkarooica D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria tenella** subsp. **orientalis**

VALLOTA Herb. 1178000

purpurea (Aiton) Herb. = **Cyrtanthus elatus**

speciosa (L.f.) T.Durand & Schinz = **Cyrtanthus elatus**

***ZEPHYRANTHES** Herb. 1181000

(1) Sealy. 1937. *Journal of the Royal Horticultural Society* 62: 195–209.

grandiflora Lindl.
Perennial. Geophyte. Ht 200–300 mm. Alt? KZN

ANTHERICACEAE

Compiled by C. Archer

ANTHERICUM L. 0989000

acutum C.H.Wright = **Chlorophytum acutum**

aitonii Baker = **Trachyandra filiformis**

aloifolium Salisb. = **Bulbine alooides**

alooides L. = **Bulbine alooides**
alooides Thunb., not of L. = **Bulbine praemorsa**
altissimum Mill. = **Bulbine asphodeloides**
anceps Baker = **Chlorophytum anceps**
angulicaule Baker = **Chlorophytum angulicaule**
annuum L. = **Bulbine annua**
asphodeloides L. = **Bulbine asphodeloides**
asphodeloides of authors, not of L. = **Bulbine abyssinica**
bipedunculatum Jacq. = **Chlorophytum triflorum**
bisulcata Haw. = **Bulbine cepacea**
bolusii Baker = **Chlorophytum undulatum**
brevifolium Thunb. = **Caesia contorta**
bulbine Houtt. = **Onixotis stricta**
burkei Baker = **Trachyandra burkei**
calyptrocarpum Baker = **Chlorophytum calyptrocarpum**
capillare (Poir.) Schult. & Schult.f. = **Bulbinella triquetra**
carnosum Baker = **Ornithogalum paludosum**
cauda-felis L.f. = **Bulbinella cauda-felis**
caudatum Thunb. = **Bulbinella cauda-felis**
ciliolatum (Kunth) Baker = **Bulbinella ciliolata**
comosum Thunb. = **Chlorophytum comosum**
contortum L.f. = **Caesia contorta**
cooperi Baker = **Chlorophytum cooperi**
crassinerve Baker = **Chlorophytum crassinerve**
crispum Thunb. = **Chlorophytum crispum**
cyperaceum Oberm. = **Chlorophytum cyperaceum**
dielsii Poelln. = **Chlorophytum undulatum**
drimiopsis Baker = **Chlorophytum longifolium**
dubium (Roem. & Schult.) Poelln. = **Chlorophytum triflorum**
elatum Aiton = **Chlorophytum capense**
fasciculatum Baker = **Chlorophytum fasciculatum**
favosum Thunb. = **Bulbine favosa**
filiforme Aiton = **Trachyandra filiformis**
flagelliforme Baker = **Eriospermum flagelliforme**
frutescens L. = **Bulbine frutescens**
fruticosum Salisb. = **Bulbine frutescens**
galpinii Baker var. *galpinii* = **Chlorophytum galpinii** var. **galpinii**
galpinii Baker var. *matabelense* (Baker) Oberm. = **Chlorophytum galpinii** var. **matabelense**
galpinii Baker var. *norlindhii* (Weim.) Oberm. = **Chlorophytum galpinii** var. **norlindhii**
gracile (Kunth) Baker = **Bulbinella gracilis**
graminifolium Willd. = **Chlorophytum undulatum**
haygarthii (J.M.Wood & M.S.Evans) Oberm. = **Chlorophytum haygarthii**
incurvum Thunb. = **Bulbine frutescens**
kovismontanum Dinter = **Chlorophytum viscosum**
krauseanum Dinter = **Chlorophytum krauseanum**
lagopus Thunb. = **Bulbine lagopus**
latifolium Jacq. = **Bulbine cepacea**
latifolium L.f. = **Bulbine latifolia**
longibracteatum Dinter = **Chlorophytum viscosum**
longibracteatum Dinter var. *brevibracteatum* Poelln. = **Chlorophytum viscosum**
longifolium A.Rich., not of Jacq. (1786) = **Chlorophytum longifolium**
longiscapum Jacq. = **Bulbine asphodeloides**
longistylum Baker = **Chlorophytum recurvifolium**
longituberosum Poelln. as *Chlorophytum longituberosum* = **Chlorophytum comosum**
lunatum Poelln. = **Chlorophytum longifolium**
nutans Jacq. = **Bulbine nutans**
nutans Thunb. = **Bulbinella nutans** subsp. **nutans**
pauciflorum Thunb. = **Chlorophytum triflorum**
pauciflorum Thunb. var. *minor* Baker = **Chlorophytum undulatum**
planifolium Thunb. = **Chlorophytum comosum**
pleiophyllum Poelln. = **Chlorophytum undulatum**
praemorsum Jacq. = **Bulbine praemorsa**
pugioniforme Jacq. = **Bulbine cepacea**
radula Baker = **Chlorophytum radula**
rangei Engl. & K.Krause = **Chlorophytum rangei**
rigidum (Kunth) Baker = **Chlorophytum rigidum**
rosenbrockii Poelln. = **Chlorophytum crispum**
rostratum Jacq. = **Bulbine frutescens**
rouwenortii Gorter = **Chlorophytum capense**
rustii Poelln. = **Chlorophytum crispum**
salteri F.M.Leight. = **Trachyandra tortilis**
saundersiae Baker = **Chlorophytum saundersiae**
setosum Schult. & Schult.f. = **Bulbinella nutans** subsp. **nutans**
squameum L.f. = **Trachyandra hispida**
sternbergianum Roem. & Schult. = **Chlorophytum comosum**
succulentum Salisb. = **Bulbine asphodeloides**
transvaalense Baker = **Chlorophytum transvaalense**
trichophlebium Baker = **Chlorophytum trichophlebium**
triflorum Aiton = **Chlorophytum triflorum**
triflorum Aiton var. *minor* Baker = **Chlorophytum undulatum**
triquetrum L.f. = **Bulbinella triquetra**
triquetrum L.f. var. *trinervis* Baker = **Bulbinella trinervis**
tumidum Poelln. = **Chlorophytum undulatum**
undulatum Jacq. = **Chlorophytum undulatum**
vallistrappii Poelln. as *Chlorophytum vallistrappii* = **Chlorophytum comosum**
viscosum (Kunth) Baker = **Chlorophytum viscosum**
whytei Baker = **Chlorophytum sphacelatum** var. **milanjianum**

ASPHODELUS L. 0980000

capensis L. = **Chlorophytum capense**

CHLOROPHYTUM Ker Gawl. 0990000

(1) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 540.
(2) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 861.
(3) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1399.
(4) Obermeyer. 1962. *Bothalia* 7: 669–778.
(4a) Obermeyer. 1962. Unpublished note in PRE.
(5) Kativu & Nordal. 1993. *Nordic Journal of Botany* 13: 59–65.
(6) Kativu. 1994. *Kirkia* 15: 43–111.
(7) Nordal. 1997. *FTEA* Anthericaceae: 1–67.
(8) Archer & Kativu. 2001. *Bothalia* 31: 40, 41.

acutum (C.H.Wright) Nordal
Anthericum acutum C.H.Wright (5)
Perennial. Herb. Ht up to 0.8 m. Alt 1220–2400 m. KZN, L

anceps (Baker) Kativu
Anthericum anceps Baker (5)
Perennial. Herb. Ht up to 0.4 m. Alt ?–950 m. N, B

angulicaule (Baker) Kativu
Anthericum angulicaule Baker (5)
Perennial. Herb. Ht 0.2–1.5 m. Alt 10–2130 m. LIM, NW, M, S, FS, KZN, EC

aridum Oberm.
Perennial. Herb. Ht 0.6–2.13 m. Alt ?–1100 m. LIM, G, M, S, KZN

bowkeri Baker
C. nigricans Baker (4)
C. perlongibracteatum Poelln. (4)
C. stamineum Zahlbr. (4)
C. strictum Baker (4)
C. wilmsii Engl. & K.Krause (4)
Perennial. Herb. Ht 0.3–1.21 m. Alt 305–1830 m. LIM, NW, G, M, S, KZN, EC

brachystachyum Baker
C. trachycarpum Oberm. (6)
Perennial. Herb. Ht up to 0.4 m. Alt ?–915 m. N, B

brehmeanum Schult. & Schult.f. = **C. triflorum**

burchellii Baker = **C. comosum**

calyptrocarpum (Baker) Kativu
Anthericum calyptrocarpum Baker (5)
Perennial. Herb. Ht 0.1–0.6 m. Alt 915–1450 m. N, LIM, G, M

capense (L.) Voss
Anthericum elatum Aiton (4)
Anthericum rouwenortii Gorter (4)
Asphodelus capensis L. (4)
C. elatum (Aiton) Spreng. (4)
Phalangium elatum (Aiton) Redouté (4)
Phalangium fastigiatum Poir. (4)
Perennial. Herb. Ht up to 1 m. Alt 30–1220 m. EC

comosum (Thunb.) Jacq.
Anthericum comosum Thunb. (4)
Anthericum longituberosum Poelln. as *C. longituberosum* (4)
Anthericum planifolium Thunb. (4)
Anthericum sternbergianum Roem. & Schult. (4)
Anthericum vallistrappii Poelln. as *C. vallistrappii* (4)
Caesia comosa (Thunb.) Spreng. (4)
C. burchellii Baker (4)
C. delagoense Baker (4)
C. elatum (Aiton) Spreng. var. *burchellii* Baker (4)
C. pulchellum in sense of Oberm. (1962), not of Kunth (4a)
Hartwegia comosa (Thunb.) Nees (4)
Phalangium comosum (Thunb.) Poir. (4)
Phalangium viviparum Hort. (4)
Perennial. Herb. Ht 0.3–0.8 m. Alt 25–1830 m. LIM, M, S, KZN, WC, EC

cooperi (Baker) Nordal
Anthericum cooperi Baker (5)
Perennial. Herb. Ht 0.1–0.4 m. Alt 120–2130 m. LIM, NW, G, M, S, FS, KZN, EC

crassinerve (Baker) Oberm.
Anthericum crassinerve Baker (4)
Perennial. Herb. Ht up to 0.4 m. Alt ?–800 m. NC

crispum (Thunb.) Baker
Anthericum crispum Thunb. (4)
Anthericum rosenbrockii Poelln. (4)
Anthericum rustii Poelln. (4)
Bulbine crispa (Thunb.) Roem. & Schult. (4)
Perennial. Herb, succulent. Ht up to 0.5 m. Alt 30–975 m. WC, EC

cyperaceum (Oberm.) Nordal
Anthericum cyperaceum Oberm. (5)
Perennial. Herb. Ht up to 1.8 m. Alt 760–1500 m. LIM, M

delagoense Baker = **C. comosum**

dolomiticum Dinter = **C. longifolium**

drepanophyllum Baker = **Trachyandra falcata**

drimiopsis (Baker) Poelln. = **C. longifolium**

dubium Schult. & Schult.f. = **C. triflorum**

durbanense Kuntze = **C. modestum**

elatum (Aiton) Spreng. = **C. capense**

elatum (Aiton) Spreng. var. *burchellii* Baker = **C. comosum**

fasciculatum (Baker) Kativu
Anthericum fasciculatum Baker (5)
Perennial. Herb. Ht up to 0.6 m. Alt 625–1776 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

galpinii (Baker) Kativu var. **galpinii**
Anthericum galpinii Baker var. *galpinii* (5)
Perennial. Herb. Ht up to 0.75 m. Alt 55–1350 m. LIM, NW, M, S, KZN

galpinii (Baker) Kativu var. **matabelense** (Baker) Kativu
Anthericum galpinii Baker var. *matabelense* (Baker) Oberm. (5)
Perennial. Herb. Ht up to 0.75 m. Alt 760–1160 m. N, B, LIM, G

galpinii (Baker) Kativu var. **norlindhii** (Weim.) Kativu
Anthericum galpinii Baker var. *norlindhii* (Weim.) Oberm. (5)
Perennial. Herb. Ht up to 0.75 m. Alt 1380–2740 m. LIM

graminifolium (Willd.) Kunth = **C. undulatum**

haygarthii J.M.Wood & M.S.Evans
Anthericum haygarthii (J.M.Wood & M.S.Evans) Oberm. (5)
Perennial. Herb. Ht up to 0.8 m. Alt 1070–2130 m. M, S, KZN

krauseanum (Dinter) Kativu
Anthericum krauseanum Dinter (5)
Perennial. Herb. Ht up to 0.55 m. Alt ?–1280 m. N, B, NW

krookianum Zahlbr.
C. longipedunculatum H.M.L.Forbes (4)
Perennial. Herb. Ht 0.6–2.74 m. Alt 15–1500 m. LIM, M, S, KZN, EC

lewisiae Oberm.
Perennial. Herb. Ht up to 0.2 m. Alt ?–1100 m. NC

longifolium Baker
Anthericum drimiopsis Baker (7)
Anthericum longifolium A.Rich., not of Jacq. (1786), illegitimate name (7)

Anthericum lunatum Poelln. (4)
C. doloniticum Dinter (4)
C. drimiopsis (Baker) Poelln. (6)
C. papillosum Rendle (6)
C. pleiophyllum Poelln. (7)
C. poricolum Poelln. (7)
C. welwitschii Poelln. (7)
Dasystachys drimiopsis (Baker) Benth. (7)
Dasystachys falcata Baker (7)
Dasystachys papillosa (Rendle) Baker (4)
Perennial. Herb. Ht up to 0.8 m. Alt 850–2000 m. N, B

longipedunculatum H.M.L.Forbes = **C. krookianum**

macrosporum Baker
C. rhodesianum E.Phillips (4)
Perennial. Herb. Ht up to 1.5 m. Alt? LIM, KZN

marlothii Poelln. = **C. namaquense**

modestum Baker
C. durbanense Kuntze (4)
Perennial. Herb. Ht up to 0.3 m. Alt 0–55 m. KZN, EC

monophyllum Oberm.
Perennial. Herb. Ht up to 0.5 m. Alt? WC

namaquense Poelln.
C. marlothii Poelln. (4)
Perennial. Herb. Ht up to 0.8 m. Alt 1060–1200 m. NC

nigricans Baker = **C. bowkeri**

papillosum Rendle = **C. longifolium**

pauciphyllum Oberm.
Perennial. Herb. Ht up to 0.15 m. Alt? WC

pauper Poelln.
Perennial. Herb. Ht? Alt ?–1100 m. N, B

perlongibracteatum Poelln. = **C. bowkeri**

piquetbergense Poelln. = **C. undulatum**

pleiophyllum Poelln. = **C. longifolium**

polyphyllum (Baker) Kativu, illegitimate combination = **C. recurvifolium**

poricolum Poelln. = **C. longifolium**

psammophilum Engl. & Gilg
Perennial. Herb. Ht up to 0.55 m. Alt? N

pulchellum in sense of Oberm. (1962), not of Kunth = **C. comosum**

pulchellum Kunth = **C. rigidum**

radula (Baker) Nordal
Anthericum radula Baker (5)
Perennial. Herb. Ht up to 1 m. Alt 1300–1900 m. LIM

rangei (Engl. & K.Krause) Nordal
Anthericum rangei Engl. & K.Krause (5)
Perennial. Herb. Ht up to 0.4 m. Alt 210–670 m. N, NC, WC

recurvifolium (Baker) C.Archer & Kativu
Anthericum longistylum Baker (8)
C. polyphyllum (Baker) Kativu, illegitimate combination (8)
Perennial. Herb. Ht up to 1 m. Alt 335–1830 m. B, LIM, NW, G, M, S, KZN

rhodesianum E.Phillips = **C. macrosporum**

rigidum Kunth
Anthericum rigidum (Kunth) Baker (4)
C. pulchellum Kunth (4a)
Perennial. Herb. Ht up to 0.6 m. Alt 335–610 m. WC

saundersiae (Baker) Nordal
Anthericum saundersiae Baker (5)
Perennial. Herb. Ht up to 0.4 m. Alt 1–230 m. KZN, EC

schlechterianum Poelln. = **C. undulatum**

sphacelatum (Baker) Kativu subsp. *milanjianum* (Rendle) Kativu = **C. sphacelatum** var. **milanjianum**

sphacelatum (Baker) Kativu var. **milanjianum** (Rendle) Nordal
Anthericum whytei Baker (7)
C. sphacelatum (Baker) Kativu subsp. *milanjianum* (Rendle) Kativu (7)
Perennial. Herb. Ht up to 1 m. Alt 950–1050 m. N, B

stamineum Zahlbr. = **C. bowkeri**

strictum Baker = **C. bowkeri**

trachycarpum Oberm. = **C. brachystachyum**

transvaalense (Baker) Kativu
Anthericum transvaalense Baker (5)
Perennial. Herb. Ht up to 0.8 m. Alt 800–2250 m. LIM, NW, G, M, S, FS, KZN

trichophlebium (Baker) Nordal
Anthericum trichophlebium Baker (5)
Perennial. Herb. Ht up to 0.2 m. Alt 1220–1370 m. LIM, NW, G, M

triflorum (Aiton) Kunth
Anthericum bipedunculatum Jacq. (4)
Anthericum dubium (Roem. & Schult.) Poelln. (4)
Anthericum pauciflorum Thunb. (4)
Anthericum triflorum Aiton (4)
C. brehmeanum Schult. & Schult.f. (4)
C. dubium Schult. & Schult.f. (4)
Phalangium bipedunculatum Poir. (4)
Phalangium triflorum (Aiton) Pers. (4)
Trachyandra brehmeana (Roem. & Schult.) Kunth (4)
Trachyandra pauciflora (Thunb.) Kunth (4)
Trachyandra schultesii Kunth (4)
Perennial. Herb. Ht 0.15–1 m. Alt 30–150 m. WC

tuberculatum A.V.Duthie = **C. undulatum**

undulatum (Jacq.) Oberm.
Anthericum bolusii Baker (4)
Anthericum dielsii Poelln. (4)
Anthericum graminifolium Willd. (4)
Anthericum pauciflorum Thunb. var. *minor* Baker (4)
Anthericum pleiophyllum Poelln. (4)
Anthericum triflorum Aiton var. *minor* Baker (4)
Anthericum tumidum Poelln. (4)
Anthericum undulatum Jacq. (4)
C. graminifolium (Willd.) Kunth (4)
C. piquetbergense Poelln. (4)
C. schlechterianum Poelln. (4)
C. tuberculatum A.V.Duthie (4)
Phalangium undulatum (Jacq.) Poir. (4)
Perennial. Herb. Ht 0.1–0.5 m. Alt 0–1400 m. NC, WC

viscosum Kunth
Anthericum kovismontanum Dinter (4)
Anthericum longibracteatum Dinter (4)
Anthericum longibracteatum Dinter var. *brevibracteatum* Poelln. (4)
Anthericum viscosum (Kunth) Baker (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 50–670 m. N, NC, WC

welwitschii Poelln. = **C. longifolium**

wilmsii Engl. & K.Krause = **C. bowkeri**

DASYSTACHYS Baker 0990010

drimiopsis (Baker) Benth. = **Chlorophytum longifolium**

falcata Baker = **Chlorophytum longifolium**

papillosa (Rendle) Baker = **Chlorophytum longifolium**

PHALANGIUM L. 0989010

asphodeloides Kuntze = **Bulbine asphodeloides**
bipedunculatum Poir. = **Chlorophytum triflorum**
canaliculatum (Aiton) Poir. = **Trachyandra ciliata**
capillare Poir. = **Bulbinella triquetra**
comosum (Thunb.) Poir. = **Chlorophytum comosum**
elatum (Aiton) Redouté = **Chlorophytum capense**
fastigiatum Poir. = **Chlorophytum capense**
longifolium (Jacq.) Poir. = **Trachyandra ciliata**
revolutum Poir. = **Trachyandra revoluta**
squameum (L.f.) Poir. = **Trachyandra hispida**
triflorum (Aiton) Pers. = **Chlorophytum triflorum**
undulatum (Jacq.) Poir. = **Chlorophytum undulatum**
viviparum Hort. = **Chlorophytum comosum**

APONOGETONACEAE

Compiled by R.P. Glen & C.D.K. Cook

APONOGETON L.f. 0065000

(1) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1449.
(2) Obermeyer. 1966. *FSA* 1: 85–92.
(3) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1618.
(4) Van Bruggen.1973. *Bulletin du Jardin Botanique National de Belgique* 43: 193–233.
(5) Van Bruggen. 1985. *Bibliotheca Botanica* 137: 1–76.

angustifolius Aiton
A. crinifolium Lehm. ex Schltdl. (4)
Perennial. Herb, geophyte, hydrophyte: epihydate/hyperhydate. Ht depending on depth of water, up to 1 m. Alt 4–245 m. WC (endemic)

azureus H.Bruggen
Perennial. Hydrophyte: rosulate/epihydate. Ht depending on depth of water. Alt ± 1263 m. N (endemic)

crinifolium Lehm. ex Schltdl. = **A. angustifolius**

desertorum Zeyh. ex A.Spreng.
A. dinteri Engl. & Krause (4)
A. holubii Oliv. (4)
A. kraussianus Hochst. ex Krauss (4)
Perennial. Herb, geophyte, hydrophyte: epihydate/hyperhydate. Ht depending on depth of water, ± 0.5 m. Alt 60–1220 m. N, B, LIM, NW, EC

dinteri Engl. & Krause = **A. desertorum**

distachyos L.f.
Perennial. Herb, geophyte, hydrophyte: epihydate/hyperhydate. Ht depending on depth of water. Alt 10–300 m. WC (endemic)
Notes:
(a) According to Van Bruggen (1973), *Ecklon & Zeyher 107* (K) was collected at Uitenhage. There are no records in GRA, PEU and PRE of this taxon occurring so far up the east coast.
(b) PRE has a record of *A. distachyos* growing in a natural pool of a permanent stream near Starvation Creek, Berlin State Forest, M. This, no doubt, is a garden escape that has naturalised in that area.

holubii Oliv. = **A. desertorum**

kraussianus Hochst. ex Krauss = **A. desertorum**

hereroensis Schinz = **A. rehmannii**

junceus Lehm.
A. junceus Lehm. ex Schltdl. subsp. *junceus* (5)
A. spathaceus E.Mey. ex Hook. (2)
Perennial. Herb, geophyte, hydrophyte: rosulate/tenogophyte. Ht 0.05–0.5 m. Alt 45–3300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

junceus Lehm. ex Schltdl. subsp. *junceus* = **A. junceus**

junceus Lehm. ex Schltdl. subsp. *natalense* (Oliv.) Oberm. = **A. natalensis**

junceus Lehm. ex Schltdl. subsp. *rehmannii* (Oliv.) Oberm. = **A. rehmannii**

natalensis Oliv.
A. junceus Lehm. ex Schltdl. subsp. *natalense* (Oliv.) Oberm (5)
Perennial. Herb, geophyte, hydrophyte: rosulate/epihydate/hyperhydate. Ht 0.14–0.4 m. Alt 60–1400 m. LIM, NW, G, M, KZN, EC

ranunculiflorus Jacot Guill. & Marais
Perennial. Herb, geophyte, hydrophyte: rosulate. Ht depending on depth of water, pools varying from 0.75–2 m. Alt ± 2600 m. KZN, L

rehmannii Oliv.
A. hereroensis Schinz (4)
A. junceus Lehm. ex Schltdl. subsp. *rehmannii* (Oliv.) Oberm. (5)
A. rehmannii Oliv. var. *hereroensis* (Schinz) Engl. & Krause (4)
Perennial. Herb, geophyte, hydrophyte: rosulate/epihydate. Ht 0.1–0.28 m. Alt 825–± 1300 m. N, B, LIM, NW, G, M, FS

rehmannii Oliv. var. *hereroensis* (Schinz) Engl. & Krause = **A. rehmannii**

spathaceus E.Mey. ex Hook. = **A. junceus**

stuhlmannii Engl.
Perennial. Herb, geophyte, hydrophyte: rosulate/epihydate/hyperhydate. Ht 50–100 mm. Alt 500–2300 m. N, B, LIM, NW, G, M

ARACEAE

Compiled by Y. Singh

AMORPHOPHALLUS Blume ex Decne. 0723000

(1) Brown. 1901. *FTA* 8: 160.
(2) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1251.
(3) Craven (ed.). 1999. *Southern African Botanical Diversity Network Report* No. 7: 38.
(4) Hetterscheid. 2002. In Govaerts & Frodin, *World checklist and bibliography of Araceae (and Acoraceae).*

abyssinicus (A.Rich.) N.E.Br. subsp. **abyssinicus**
Perennial. Herb. Ht 300–600 mm. Alt ± 1062 m. N

CALLA L. 0710000

aethiopica L. = **Zantedeschia aethiopica**

elliotiana (W.Watson) W.Watson = **Zantedeschia elliottiana**

GONATOPUS Hook.f. ex Engl. 0693000

(1) Brown. 1901. *FTA* 8: 196, 197.
(2) Bogner & Obermeyer. 1977. *Bothalia* 12: 251.
(3) Obermeyer & Bogner. 1979. *The Flowering Plants of Africa* 45: t. 1782.
(4) Mayo. 1985. *FTEA* Araceae: 9–15.

angustus N.E.Br.
G. rhizomatosus Bogner & Oberm. (4)
Perennial. Herb, geophyte. Ht 200–900 mm. Alt 25–130 m. M, S, KZN

boivinii (Decne.) Engl.
Perennial. Herb, geophyte. Ht 450–1500 mm. Alt 30–120 m. KZN

rhizomatosus Bogner & Oberm. = **G. angustus**

*PISTIA L. 0791000

(1) Brown. 1897. *FC* 7. 33, 34.
(2) Craven (ed.). 1999. *Southern African Botanical Diversity Network Report* No. 7: 39.

stratiotes L.
Perennial. Herb, hydrophyte. Ht 30–120 mm. Alt 0–100 m. N, B, LIM, NW, G, KZN, EC

RICHARDIA Kunth 0748010

aethiopica (L.) Spreng. = **Zantedeschia aethiopica**

africana Kunth = **Zantedeschia aethiopica**

albomaculata Hook. = **Zantedeschia albomaculata** subsp. **albomaculata**

angustiloba Schott = **Zantedeschia albomaculata** subsp. **albomaculata**

elliotiana W.Watson = **Zantedeschia elliottiana**

hastata Hook. = **Zantedeschia albomaculata** subsp. **albomaculata**

lutwychei N.E.Br. = **Zantedeschia albomaculata** subsp. **albomaculata**

macrocarpa (Engl.) W.Watson = **Zantedeschia albomaculata** subsp. **macrocarpa**

melanoleuca Hook.f. = **Zantedeschia albomaculata** subsp. **albomaculata**

pentlandii R.Whyte ex W.Watson = **Zantedeschia pentlandii**

rehmannii (Engl.) N.E.Br. ex Krelage = **Zantedeschia rehmanni**

sprengeri Comes = **Zantedeschia pentlandii**

STYLOCHAETON Lepr. 0764000

Stylochiton Schott (4)
(1) Brown. 1897. *FC* 7: 34, 35.
(2) Obermeyer. 1972. *The Flowering Plants of Africa* 42: t. 1648.
(3) Mayo. 1985. *FTEA* Araceae: 45, 46.
(4) Mayo *et al.* 1997. *The genera of Araceae*: 151.

maximus Engl. = **S. natalensis**

natalensis Schott
S. maximus Engl. (3)
Perennial. Herb. Ht 100–400 mm. Alt 0–1600 m. LIM, G, M, KZN

ZAMIOCULCAS Schott 0692000

(1) Obermeyer & Strey. 1969. *The Flowering Plants of Africa* 40: t. 1562.

zamiifolia (Lodd.) Engl.
Perennial. Herb. Ht 350–750 mm. Alt 8–15 m. KZN

ZANTEDESCHIA Spreng. 0748000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 10, 15.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 141.
(3) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 735.
(4) Letty. 1955. *The Flowering Plants of Africa* 30: t. 1190.
(5) Letty. 1973. *Bothalia* 11: 5–26.
(6) Perry. 1989. *South African Journal of Botany* 55: 447–451.
(7) Singh *et al.* 1996. *South African Journal of Botany* 62: 321–324.
(8) Singh. 2002. In Govaerts & Frodin, *World checklist and bibliography of Araceae (and Acoraceae).*

aethiopica (L.) Spreng.
Calla aethiopica L. (5)
Richardia aethiopica (L.) Spreng. (5)
Richardia africana Kunth (5)
Z. aethiopica (L.) Spreng. var. *minor* Engl. (5)
Perennial. Herb, geophyte. Ht 350–1200 mm. Alt 20–2250 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

aethiopica (L.) Spreng. var. *minor* Engl. = **Z. aethiopica**

albomaculata (Hook.) Baill. subsp. **albomaculata**
Richardia albomaculata Hook. (5)
Richardia angustiloba Schott (5)
Richardia hastata Hook. (5)
Richardia lutwychei N.E.Br. (5)
Richardia melanoleuca Hook.f. (5)
Z. angustiloba (Schott) Engl. (5)
Z. hastata (Hook.) Engl. (5)
Z. melanoleuca (Hook.f.) Engl. (5)
Z. oculata (Lindl.) Engl. (5)
Z. tropicalis (N.E.Br.) Letty (5)
Perennial. Herb, geophyte. Ht 300–1000 mm. Alt 365–2400 m. LIM, G, M, S, FS, KZN, L, EC

albomaculata (Hook.) Baill. subsp. **macrocarpa** (Engl.) Letty
Richardia macrocarpa (Engl.) W.Watson (5)
Z. macrocarpa Engl. (5)
Z. melanoleuca (Hook.f.) Engl. var. *concolor* Burtt Davy (5)
Perennial. Herb, geophyte. Ht 300–600 mm. Alt 900–2075 m. G, M, S, FS, KZN, EC

albomaculata (Hook.) Baill. subsp. *valida* Letty = **Z. valida**

angustiloba (Schott) Engl. = **Z. albomaculata** subsp. **albomaculata**

elliottiana (W.Watson) Engl.
Calla elliotiana (W.Watson) W.Watson (5)
Richardia elliotiana W.Watson (5)
Perennial. Herb, geophyte. Ht 700–800 mm. Alt? Known only from cultivated specimens.

hastata (Hook.) Engl. = **Z. albomaculata** subsp. **albomaculata**

jucunda Letty
Perennial. Herb, geophyte. Ht 400–800 mm. Alt ± 1830 m. LIM, M

macrocarpa Engl. = **Z. albomaculata** subsp. **macrocarpa**

melanoleuca (Hook.f.) Engl. = **Z. albomaculata** subsp. **albomaculata**

melanoleuca (Hook.f.) Engl. var. *concolor* Burtt Davy = **Z. albomaculata** subsp. **macrocarpa**

oculata (Lindl.) Engl. = **Z. albomaculata** subsp. **albomaculata**

odorata P.L.Perry
Perennial. Herb, geophyte. Ht 450–800 mm. Alt 610–750 m. WC

pentlandii (R.Whyte ex W.Watson) Wittm.
Richardia pentlandii R.Whyte ex W.Watson (5)
Richardia sprengeri Comes (5)
Perennial. Herb, geophyte. Ht 600–800 mm. Alt 1200–1900 m. M

rehmannii Engl.
Richardia rehmannii (Engl.) N.E.Br. ex Krelage (5)
Z. stehmannii Sprenger (5)
Perennial. Herb, geophyte. Ht 250–500 mm. Alt 915–2100 m. G, M, S, FS, KZN

stehmannii Sprenger = **Z. rehmannii**

tropicalis (N.E.Br.) Letty = **Z. albomaculata** subsp. **albomaculata**

valida (Letty) Y.Singh
Z. albomaculata (Hook.) Baill. subsp. *valida* Letty (7)
Perennial. Herb, geophyte. Ht 600–700 mm. Alt 1120–2045 m. KZN

ARECACEAE

Compiled by H.F. Glen

BORASSUS L. 0555000

(1) Dyer. 1952. *South African Journal of Science* 48: 215–220.
(2) Du Plessis. 1955. *Fauna & Flora* 6: 85–93.
(3) Tomlinson. 1962. *Principes* 6: 96–103.
(4) Coates Palgrave. 1977. *Trees of southern Africa*: 69.
(5) Dransfield. 1986. *FTEA* Palmae: 19–21.

aethiopum Mart.
B. flabellifer L. var. *aethiopum* (Mart.) Warb. (3)
Perennial. Tree. Ht 5–20 m. Alt ± 750 m. LIM

flabellifer L. var. *aethiopum* (Mart.) Warb. = **B. aethiopum**

HYPHAENE Gaertn. 0553000

(1) Furtado. 1967. *Garcia de Orta* 15: 427–460.
(2) Coates Palgrave. 1977. *Trees of southern Africa*: 67, 68.
(3) Dransfield. 1986. *FTEA* Palmae: 21–33.

benguellensis Welw. var. *ventricosa* (J.Kirk) Furtado = **H. petersiana**

coriacea Gaertn.
H. natalensis Kunze (3)
Perennial. Tree. Ht 1.5–4 m. Alt 50–300 m. LIM, M, KZN

natalensis Kunze = **H. coriacea**

petersiana Klotzsch ex Mart.
H. benguellensis Welw. var. *ventricosa* (J.Kirk) Furtado (3)
H. ventricosa J.Kirk (3)
Perennial. Tree. Ht 1.5–14 m. Alt 275–1000 m. N, B, LIM

ventricosa J.Kirk = **H. petersiana**

JUBAEOPSIS Becc. 0665010

(1) Beccari. 1913. *Webbia* 4: 169–176.
(2) Williams. 1991. *The Flowering Plants of Africa* 51: t. 2023.

caffra Becc.
Perennial. Tree. Ht 3.5–7.5 m. Alt 0–30 m. EC

PHOENIX L. 0528000

(1) Coates Palgrave. 1977. *Trees of southern Africa*: 66, 67.

reclinata Jacq.
Perennial. Tree or shrub. Ht 1–7.5 m. Alt 0–950 m. N, B, LIM, M, S, KZN, EC

RAPHIA P.Beauv. 0559000

(1) Obermeyer & Strey. 1969. *Bothalia* 10: 29–37.

australis Oberm. & Strey
Perennial. Tree. Ht 4–15 m. Alt 0–100 m. KZN

ASPARAGACEAE

Compiled by E.T. Moeng & N.L. Meyer

ASPARAGOPSIS Kunth 1113030

densiflorus Kunth = **Asparagus densiflorus**
denudatus Kunth = **Asparagus denudatus**
krebsiana Kunth = **Asparagus krebsianus**
microraphis Kunth = **Asparagus microraphis**
minutiflorus Kunth = **Asparagus minutiflorus**
setaceus Kunth = **Asparagus setaceus**

ASPARAGUS L. 1113000

(1) Kunth. 1850. *Enumeratio plantarum* 5: 57–75.
(2) Baker. 1875. *Journal of the Linnean Society of London, Botany* 14: 508–632.
(3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 409.
(4) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 503.
(5) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1146.
(6) Jessop. 1966. *Bothalia* 9: 31–96.
(7) Jessop. 1976. *Bothalia* 12: 60.
(8) Obermeyer. 1983. *South African Journal of Botany* 2: 243, 244.
(9) Obermeyer. 1984. *Bothalia* 15: 77–88.
(10) Obermeyer. 1987. *Flora of Australia* 46: 159–164.
(11) Obermeyer & Immelman. 1992. *FSA* 5,3: 11–82.
(12) Malcomber & Sebsebe. 1994. *Kew Bulletin* 48: 63–78.
(13) Fellingham & Meyer. 1995. *Bothalia* 25: 205–209.
(14) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 60–62.

acocksii Jessop
Protasparagus acocksii (Jessop) Oberm. (13)
Perennial. Shrub. Ht 0.5–± 3 m. Alt 40–860 m. LIM, M, S, KZN, NC, EC

aethiopicus L.
Myrsiphyllum asparagoides (L.) Willd., misapplied name (13)
Protasparagus aethiopicus (L.) Oberm. (13)
Perennial. Climber. Ht ± 3 m. Alt 1–2130 m. NW, NC, WC, EC

aethiopicus L. var. *angusticladus* Jessop = **A. angusticladus**

aethiopicus L. var. *natalensis* Baker = **A. natalensis**

africanus in sense of Jessop, not of Lam. in part, misapplied name = **A. bechuanicus**

africanus in sense of Jessop, not of Lam. in part, misapplied name = **A. cooperi**

africanus Lam.
Protasparagus africanus (Lam.) Oberm. (13)
Perennial. Shrub or scrambler. Ht 0.5–2 m. Alt 6–1650 m. LIM, G, M, FS, KZN, WC, EC

africanus Lam. var. *concinnus* Baker = **A. concinnus**

aggregatus (Oberm.) Fellingham & N.L.Mey.
Protasparagus aggregatus Oberm. (13)
Perennial. Shrub. Ht ± 3 m. Alt ?–1300 m. LIM

alopecurus (Oberm.) Malcomber & Sebsebe
Myrsiphyllum alopecurum Oberm. (12)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? NC, WC

angusticladus (Jessop) J.-P.Lebrun & Stork
A. aethiopicus L. var. *angusticladus* Jessop (14)
Protasparagus angusticladus (Jessop) Oberm. (13)
Perennial. Climber. Ht 0.5–5 m. Alt? LIM, NW, G, M, S, KZN, EC

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. asparagoides**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. kraussianus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. multituberosus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. ovatus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. volubilis**

asparagoides (L.) Druce
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Perennial. Climber. Ht 0.4–5 m. Alt 6–3000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

aspergillus Jessop
Protasparagus aspergillus (Jessop) Oberm. (13)
Perennial. Shrub. Ht 1.2–5 m. Alt 320–830 m. N, LIM, M

bayeri (Oberm.) Fellingham & N.L.Mey.
Protasparagus bayeri Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? NC

bechuanicus Baker
A. africanus in sense of Jessop, not of Lam. in part, misapplied name (13)
Protasparagus bechuanicus (Baker) Oberm. (13)
Perennial. Shrub. Ht ± 0.4–0.6 m. Alt ?–1010 m. N, B, LIM, NW, M, FS, KZN, NC, EC

biflorus (Oberm.) Fellingham & N.L.Mey.
Protasparagus biflorus Oberm. (13)
Perennial. Shrub. Ht ± 0.45 m. Alt? S, KZN

buchananii Baker
Protasparagus buchananii (Baker) Oberm. (13)
Perennial. Climber. Ht 0.9–4 m. Alt? N, B, LIM, NW, G, M, S, KZN

burchellii Baker
A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus burchellii (Baker) Oberm. (13)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 15–1020 m. NC, WC, EC

burkei Baker, misapplied name = **A. cooperi**

capensis L. var. **capensis**
Protasparagus capensis (L.) Oberm. var. *capensis* (13)
Perennial. Shrub. Ht 0.2–1 m. Alt 1–1680 m. N, NC, WC, EC

capensis L. var. **litoralis** Suess. & Karl
Protasparagus capensis (L.) Oberm. var. *litoralis* Suess. & Karl (13)
Perennial. Shrub. Ht 0.3–1 m. Alt 5–1680 m. N, NC, WC

clareae (Oberm.) Fellingham & N.L.Mey.
Protasparagus clareae Oberm. (13)
Perennial. Climber. Ht? Alt ± 500 m. LIM, M

coddii (Oberm.) Fellingham & N.L.Mey.
Protasparagus coddii Oberm. (13)
Perennial. Shrub or dwarf shrub. Ht ± 0.3–1 m. Alt ± 1372 m. N, KZN

compactus T.M.Salter, misapplied name = **A. lignosus**

concinnus (Baker) Kies
A. africanus Lam. var. *concinnus* Baker (13)
Protasparagus concinnus (Baker) Oberm. & Immelman (13)
Perennial. Shrub. Ht ± 1 m. Alt 550–2134 m. G?, M, FS, L, EC

confertus K.Krause
Protasparagus confertus (K.Krause) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 1 m. Alt? WC

consanguineus (Kunth) Baker, misapplied name = **A. fasciculatus**

cooperi Baker
A. africanus in sense of Jessop, not of Lam. in part, misapplied name (13)
A. burkei Baker, misapplied name (13)
A. rivalis Burch. ex Kies, misapplied name (13)
Protasparagus cooperi (Baker) Oberm. (13)
Perennial. Dwarf shrub, shrub. Ht 0.5–2 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

crassicladus Jessop
Protasparagus crassicladus (Jessop) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 0.3–2 m. Alt 80–350 m. NW, EC

crispus Lam., misapplied name = **A. declinatus**

declinatus L.
A. crispus Lam., misapplied name (13)
Myrsiphyllum declinatum (L.) Oberm. (13)
Perennial. Scrambler. Ht ± 0.2–1 m. Alt 4–1560 m. N, NC, WC

densiflorus (Kunth) Jessop
Asparagopsis densiflorus Kunth (6)
Protasparagus densiflorus (Kunth) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? LIM, G, M, S, KZN, EC

denudatus (Kunth) Baker
Asparagopsis denudatus Kunth (2)
Protasparagus denudatus (Kunth) Oberm. (13)
Perennial. Shrub. Ht 1–1.5 m. Alt? LIM, FS, KZN, L, NC, EC

devenishii (Oberm.) Fellingham & N.L.Mey.
Protasparagus devenishii Oberm. (13)
Perennial. Dwarf shrub. Ht ± 0.6–1 m. Alt ?–1870 m. G, M, FS, KZN

divaricatus (Oberm.) Fellingham & N.L.Mey.
Protasparagus divaricatus Oberm. (13)
Perennial. Shrub. Ht ± 0.4–2.5 m. Alt? LIM, M, S, KZN, EC

ecklonii Baker = **A. exuvialis** forma **ecklonii**

edulis (Oberm.) J.-P.Lebrun & Stork
Protasparagus edulis Oberm. (13)
Annual. Dwarf shrub. Ht? Alt? LIM, M, S, FS, KZN, EC

exsertus (Oberm.) Fellingham & N.L.Mey.
Protasparagus exsertus Oberm. (13)
Perennial. Shrub. Ht ± 0.8 m. Alt? WC

exuvialis Burch. forma **ecklonii** (Baker) Fellingham & N.L.Mey.
A. ecklonii Baker (13)
Protasparagus exuvialis (Burch.) Oberm. forma *ecklonii* (Baker) Oberm. (13)
Perennial. Shrub. Ht 0.5–2 m. Alt? LIM, G, M, NC, WC

exuvialis Burch. forma **exuvialis**
Protasparagus exuvialis (Burch.) Oberm. forma *exuvialis* (13)
Perennial. Shrub. Ht ± 0.4–2 m. Alt? N, B, LIM, NW, G, M, FS, NC, WC, EC

falcatus L.
Protasparagus falcatus (L.) Oberm. (13)
Perennial. Climber. Ht ± 0.5–2 m. Alt? LIM, M, S, KZN, EC

falcatus L. var. *ternifolius* (Baker) Jessop, misapplied name = **A. natalensis**

fasciculatus Thunb.
A. consanguineus (Kunth) Baker, misapplied name (13)
Myrsiphyllum fasciculatum (Thunb.) Oberm. (13)
Perennial. Climber. Ht ± 0.4–2 m. Alt? N, FS, NC, WC

filicladus (Oberm.) Fellingham & N.L.Mey.
Protasparagus filicladus Oberm. (13)
Perennial. Suffrutex. Ht ± 0.6 m. Alt? WC, EC

flavicaulis (Oberm.) Fellingham & N.L.Mey. subsp. **flavicaulis**
Protasparagus flavicaulis Oberm. subsp. *flavicaulis* (13)
Perennial. Shrub. Ht ± 0.3–1 m. Alt? B, LIM, NW, G, M

flavicaulis (Oberm.) Fellingham & N.L.Mey. subsp. **setulosus** (Oberm.) Fellingham & N.L.Mey.
Protasparagus flavicaulis Oberm. subsp. *setulosus* Oberm. (13)
Perennial. Shrub. Ht ± 0.3 m. Alt? LIM

fourei (Oberm.) Fellingham & N.L.Mey.
Protasparagus fouriei Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? LIM

fractiflexus (Oberm.) Fellingham & N.L.Mey.
Protasparagus fractiflexus Oberm. (13)
Perennial. Scrambler. Ht ± 1 m. Alt? G, M, KZN

glaucus Kies
Protasparagus glaucus (Kies) Oberm. (13)
Perennial. Shrub. Ht ± 0.5 m. Alt? N, FS, KZN, NC, EC

graniticus (Oberm.) Fellingham & N.L.Mey.
Protasparagus graniticus Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? N, NC

intricatus (Oberm.) Fellingham & N.L.Mey.
Protasparagus intricatus Oberm. (13)
Perennial. Shrub. Ht ± 0.6 m. Alt? LIM, M?, KZN, EC

juniperoides Engl.
Myrsiphyllum juniperoides (Engl.) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 0.2–0.5 m. Alt? N, NC

kraussianus (Kunth) J.F.Macbr.
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum kraussianum Kunth (13)
Perennial. Climber. Ht 1–2 m. Alt 50–1530 m. NC, WC

krebsianus (Kunth) Jessop
Asparagopsis krebsiana Kunth (6)
Protasparagus krebsianus (Kunth) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 1 m. Alt 150–1220 m. G, WC, EC

laricinus Burch.
Protasparagus laricinus (Burch.) Oberm. (13)
Perennial. Shrub. Ht ± 0.6–2.5 m. Alt 60–2070 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lignosus Burm.f.
A. compactus T.M.Salter, misapplied name (13)
Protasparagus compactus (T.M.Salter) Oberm., misapplied name (13)
Protasparagus lignosus (Burm.f.) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt? WC

longicladus N.E.Br.
Protasparagus longicladus (N.E.Br.) B.Mathew (13)
Perennial. Shrub or scrambler. Ht? Alt? N, B

lynetteae (Oberm.) Fellingham & N.L.Mey.
Protasparagus lynetteae Oberm. (13)
Perennial. Scrambler. Ht ± 3 m. Alt? M

macowanii Baker
A. macowanii Baker var. *zuluensis* (N.E.Br.) Jessop, misapplied name (13)
Protasparagus macowanii (Baker) Oberm. (13)
Perennial. Shrub. Ht 1–3 m. Alt 20–2290 m. M, KZN, WC, EC

macowanii Baker var. *zuluensis* (N.E.Br.) Jessop, misapplied name = **A. macowanii**

mariae (Oberm.) Fellingham & N.L.Mey.
Protasparagus mariae Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? WC, EC

microraphis (Kunth) Baker
Asparagopsis microraphis Kunth (2)
Protasparagus microraphis (Kunth) Oberm. (13)
Perennial. Shrub. Ht 0.4–2 m. Alt? M, FS, KZN, L, WC, EC

microraphis in sense of Jessop, not of (Kunth) Baker in part, misapplied name = **A. stellatus**

minutiflorus (Kunth) Baker
Asparagopsis minutiflorus Kunth (13)
Protasparagus minutiflorus (Kunth) Oberm. (13)

Perennial. Shrub. Ht ± 0.3–0.5 m. Alt? LIM, M, S, KZN

mollis (Oberm.) Fellingham & N.L.Mey.
Protasparagus mollis Oberm. (13)
Perennial. Scrambler. Ht? Alt? NC, WC?

mucronatus Jessop
Protasparagus mucronatus (Jessop) Oberm. (13)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 20–2100 m. NC, WC, EC

multiflorus Baker
Protasparagus multiflorus (Baker) Oberm. (13)
Perennial. Climber or shrub. Ht? Alt? LIM, WC, EC

multituberosus R.A.Dyer
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum multituberosum (R.A.Dyer) Oberm. (13)
Perennial. Climber. Ht ± 0.4 m. Alt? NC, WC

natalensis (Baker) J.-P.Lebrun & Stork
A. aethiopicus L. var. *natalensis* Baker (13)
A. falcatus L. var. *ternifolius* (Baker) Jessop, misapplied name (13)
Protasparagus natalensis (Baker) Oberm. (13)
Perennial. Climber. Ht 0.4–2 m. Alt? LIM, M, S, KZN, WC, EC

nelsii Schinz
Protasparagus nelsii (Schinz) Oberm. (13)
Perennial. Shrub. Ht 0.5–1 m. Alt? N, B, LIM, NW, NC

nodulosus (Oberm.) J.-P.Lebrun & Stork
Protasparagus nodulosus Oberm. (13)
Perennial. Scandent shrub. Ht? Alt 930–1220 m. N, B, LIM, NW

obermeyerae Jessop, misapplied name = **A. schroederi**

oliveri (Oberm.) Fellingham & N.L.Mey.
Protasparagus oliveri Oberm. (13)
Perennial. Shrub. Ht 0.15–0.2 m. Alt? WC

ovatus T.M.Salter
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum ovatum (T.M.Salter) Oberm. (13)
Perennial. Climber. Ht ± 1–1.5 m. Alt? NC, WC, EC

oxyacanthus Baker
Protasparagus oxyacanthus (Baker) Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? EC

pearsonii Kies
Protasparagus pearsonii (Kies) Oberm. (13)
Perennial. Suffrutex. Ht ± 1 m. Alt? N, NC

pendulus (Oberm.) J.-P.Lebrun & Stork
Protasparagus pendulus Oberm. (13)
Perennial. Herb, dwarf shrub. Ht ± 0.3–0.4 m. Alt? N, B

plumosus Baker
Protasparagus plumosus (Baker) Oberm. (13)
Perennial. Dwarf shrub. Ht? Alt 20–1880 m. LIM, NW, G, FS, KZN, WC, EC

racemosus Willd.
A. saundersiae Baker (13)
Protasparagus racemosus (Willd.) Oberm. (13)
Perennial. Climber or shrub. Ht 0.5–4 m. Alt 40–2900 m. N, B, LIM, M, S, KZN, EC

ramosissimus Baker
Myrsiphyllum ramosissimum (Baker) Oberm. (13)
Perennial. Climber. Ht 0.2–2 m. Alt? LIM, G, M, S, FS, KZN, L, WC, EC

recurvispinus (Oberm.) Fellingham & N.L.Mey.
Protasparagus recurvispinus Oberm. (13)
Perennial. Shrub. Ht ± 0.5–1 m. Alt? WC, EC

retrofractus L.
Protasparagus retrofractus (L.) Oberm. (13)
Perennial. Scrambler or shrub. Ht ± 0.3–3 m. Alt? N, B, NW, NC, WC, EC

rigidus Jessop
Protasparagus rigidus (Jessop) Oberm. (13)
Perennial. Shrub. Ht ± 0.5 m. Alt? LIM, M

rivalis Burch. ex Kies, misapplied name = **A. cooperi**

rubicundus P.J.Bergius
A. thunbergianus Schult. (7)
Protasparagus rubicundus (P.J.Bergius) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.4–1.8 m. Alt 10–680 m. NC?, WC, EC

saundersiae Baker = **A. racemosus**

scandens Thunb.
Myrsiphyllum scandens (Thunb.) Oberm. (13)
Perennial. Climber. Ht ± 2 m. Alt? WC, EC?

schroederi Engl.
A. obermeyerae Jessop, misapplied name (13)
Protasparagus schroederi (Engl.) Oberm. (13)
Perennial. Shrub. Ht ± 0.5–1 m. Alt? N, B, LIM

sekukuniensis (Oberm.) Fellingham & N.L.Mey.
Protasparagus sekukuniensis Oberm. (13)
Perennial. Scandent shrub. Ht ± 2 m. Alt 730–960 m. LIM?, M?

setaceus (Kunth) Jessop
Asparagopsis setaceus Kunth (6)
Protasparagus setaceus (Kunth) Oberm. (13)
Perennial. Shrub. Ht 0.4–5 m. Alt? B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

spinescens Steud. ex Roem. & Schult.
A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus spinescens (Steud. ex Roem. & Schult.) Oberm. (13)
Perennial. Shrub. Ht ± 0.35 m. Alt? EC

stellatus Baker
A. microraphis in sense of Jessop, not of (Kunth) Baker in part, misapplied name (13)
Protasparagus stellatus (Baker) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 2.5 m. Alt? L, EC

stipulaceus Lam.
Protasparagus stipulaceus (Lam.) Oberm. (13)
Perennial. Shrub. Ht ± 0.5 m. Alt 20–198 m. WC

striatus (L.f.) Thunb.
Dracaena striata L.f. (13)
Protasparagus striatus (L.f.) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.25–1.2 m. Alt 1–1670 m. FS, NC, WC, EC

suaveolens Burch.
A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus suaveolens (Burch.) Oberm. (13)
Perennial. Shrub. Ht ± 0.2–1 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

suaveolens in sense of Jessop, not of Burch. in part, misapplied name = **A. burchellii**

suaveolens in sense of Jessop, not of Burch. in part, misapplied name = **A. spinescens**

suaveolens in sense of Jessop, not of Burch. in part, misapplied name = **A. suaveolens**

subulatus Thunb.
Protasparagus subulatus (Thunb.) Oberm. (13)
Perennial. Shrub. Ht ± 2 m. Alt 20–650 m. EC

thunbergianus Schult. = **A. rubicundus**

transvaalensis (Oberm.) Fellingham & N.L.Mey.
Protasparagus transvaalensis Oberm. (13)
Perennial. Shrub. Ht ± 0.6–1 m. Alt? LIM, NW, G, M, S

undulatus (L.f.) Thunb.
Dracaena undulata L.f. (13)
Myrsiphyllum undulatum (L.f.) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 0.3–1.2 m. Alt? N, NC, WC

virgatus Baker
Protasparagus virgatus (Baker) Oberm. (13)
Perennial. Shrub. Ht ± 0.3–1.4 m. Alt 30–1950 m. N, LIM, NW, G, M, S, FS, KZN, NC, EC

volubilis Thunb.
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum volubile (Thunb.) Oberm. (13)
Perennial. Climber. Ht ± 1–1.5 m. Alt? NC, WC, EC

MYRSIPHYLLUM Willd. 1113020

alopecurum Oberm. = **Asparagus alopecurus**

asparagoides (L.) Willd., misapplied name = **Asparagus aethiopicus**

declinatum (L.) Oberm. = **Asparagus declinatus**

fasciculatum (Thunb.) Oberm. = **Asparagus fasciculatus**

juniperoides (Engl.) Oberm. = **Asparagus juniperoides**

kraussianum Kunth = **Asparagus kraussianus**

multituberosum (R.A.Dyer) Oberm. = **Asparagus multituberosus**

ovatum (T.M.Salter) Oberm. = **Asparagus ovatus**

ramosissimum (Baker) Oberm. = **Asparagus ramosissimus**

scandens (Thunb.) Oberm. = **Asparagus scandens**

undulatum (L.f.) Oberm. = **Asparagus undulatus**

volubile (Thunb.) Oberm. = **Asparagus volubilis**

PROTASPARAGUS Oberm. 1113010

acocksii (Jessop) Oberm. = **Asparagus acocksii**

aethiopicus (L.) Oberm. = **Asparagus aethiopicus**

africanus (Lam.) Oberm. = **Asparagus africanus**

aggregatus Oberm. = **Asparagus aggregatus**

angusticladus (Jessop) Oberm. = **Asparagus angusticladus**

aspergillus (Jessop) Oberm. = **Asparagus aspergillus**

bayeri Oberm. = **Asparagus bayeri**

bechuanicus (Baker) Oberm. = **Asparagus bechuanicus**

biflorus Oberm. = **Asparagus biflorus**

buchananii (Baker) Oberm. = **Asparagus buchananii**

burchellii (Baker) Oberm. = **Asparagus burchellii**

capensis (L.) Oberm. var. *capensis* = **Asparagus capensis** var. **capensis**

capensis (L.) Oberm. var. *litoralis* Suess. & Karl = **Asparagus capensis** var. **litoralis**

clareae Oberm. = **Asparagus clareae**

coddii Oberm. = **Asparagus coddii**

compactus (T.M.Salter) Oberm., misapplied name = **Asparagus lignosus**

concinnus (Baker) Oberm. & Immelman = **Asparagus concinnus**

confertus (K.Krause) Oberm. = **Asparagus confertus**

cooperi (Baker) Oberm. = **Asparagus cooperi**

crassicladus (Jessop) Oberm. = **Asparagus crassicladus**

densiflorus (Kunth) Oberm. = **Asparagus densiflorus**

denudatus (Kunth) Oberm. = **Asparagus denudatus**

devenishii Oberm. = **Asparagus devenishii**

divaricatus Oberm. = **Asparagus divaricatus**

edulis Oberm. = **Asparagus edulis**

exsertus Oberm. = **Asparagus exsertus**

exuvialis (Burch.) Oberm. forma *ecklonii* (Baker) Oberm. = **Asparagus exuvialis** forma **ecklonii**

exuvialis (Burch.) Oberm. forma *exuvialis* = **Asparagus exuvialis** forma **exuvialis**

falcatus (L.) Oberm. = **Asparagus falcatus**

filicladus Oberm. = **Asparagus filicladus**

flavicaulis Oberm. subsp. *flavicaulis* = **Asparagus flavicaulis** subsp. **flavicaulis**

flavicaulis Oberm. subsp. *setulosus* Oberm. = **Asparagus flavicaulis** subsp. **setulosus**

fouriei Oberm. = **Asparagus fourei**

fractiflexus Oberm. = **Asparagus fractiflexus**

glaucus (Kies) Oberm. = **Asparagus glaucus**

graniticus Oberm. = **Asparagus graniticus**

intricatus Oberm. = **Asparagus intricatus**

krebsianus (Kunth) Oberm. = **Asparagus krebsianus**

laricinus (Burch.) Oberm. = **Asparagus laricinus**

lignosus (Burm.f.) Oberm. = **Asparagus lignosus**

longicladus (N.E.Br.) B.Mathew = **Asparagus longicladus**

lynetteae Oberm. = **Asparagus lynetteae**

macowanii (Baker) Oberm. = **Asparagus macowanii**

mariae Oberm. = **Asparagus mariae**

microraphis (Kunth) Oberm. = **Asparagus microraphis**

minutiflorus (Kunth) Oberm. = **Asparagus minutiflorus**

mollis Oberm. = **Asparagus mollis**

mucronatus (Jessop) Oberm. = **Asparagus mucronatus**

multiflorus (Baker) Oberm. = **Asparagus multiflorus**

natalensis (Baker) Oberm. = **Asparagus natalensis**

nelsii (Schinz) Oberm. = **Asparagus nelsii**

nodulosus Oberm. = **Asparagus nodulosus**

oliveri Oberm. = **Asparagus oliveri**

oxyacanthus (Baker) Oberm. = **Asparagus oxyacanthus**

pearsonii (Kies) Oberm. = **Asparagus pearsonii**

pendulus Oberm. = **Asparagus pendulus**

plumosus (Baker) Oberm. = **Asparagus plumosus**

racemosus (Willd.) Oberm. = **Asparagus racemosus**

recurvispinus Oberm. = **Asparagus recurvispinus**

retrofractus (L.) Oberm. = **Asparagus retrofractus**

rigidus (Jessop) Oberm. = **Asparagus rigidus**

rubicundus (P.J.Bergius) Oberm. = **Asparagus rubicundus**

schroederi (Engl.) Oberm. = **Asparagus schroederi**

sekukuniensis Oberm. = **Asparagus sekukuniensis**

setaceus (Kunth) Oberm. = **Asparagus setaceus**
spinescens (Steud. ex Roem. & Schult.) Oberm. = **Asparagus spinescens**
stellatus (Baker) Oberm. = **Asparagus stellatus**
stipulaceus (Lam.) Oberm. = **Asparagus stipulaceus**
striatus (L.f.) Oberm. = **Asparagus striatus**
suaveolens (Burch.) Oberm. = **Asparagus suaveolens**
subulatus (Thunb.) Oberm. = **Asparagus subulatus**
transvaalensis Oberm. = **Asparagus transvaalensis**
virgatus (Baker) Oberm. = **Asparagus virgatus**

ASPHODELACEAE

Compiled by H.F. Glen, G.F. Smith, I. Breuer, E.M.A. Steyn, C. Archer, J.C. Manning, G. Williamson, E.J. van Jaarsveld & N.L. Meyer

ALETRIS L. in part 1143000

sarmentosa Andrews = **Kniphofia sarmentosa**
uvaria (L.) L. = **Kniphofia uvaria**

ALOE L. 1026000

Compiled by H.F. Glen & G.F. Smith

(1) Pole Evans. 1921. *The Flowering Plants of South Africa* 1: tt. 2, 17, 18.
(2) Pole Evans. 1922. *The Flowering Plants of South Africa* 2: tt. 41, 55, 62.
(3) Pole Evans. 1923. *The Flowering Plants of South Africa* 3: tt. 86, 96, 107, 111.
(4) Pole Evans. 1924. *The Flowering Plants of South Africa* 4: tt. 124, 149, 151, 155, 160.
(5) Pole Evans. 1925. *The Flowering Plants of South Africa* 5: tt. 164, 169, 171, 178, 180, 187.
(6) Pole Evans. 1926. *The Flowering Plants of South Africa* 6: tt. 201, 221.
(7) Pole Evans. 1928. *The Flowering Plants of South Africa* 8: tt. 303, 315.
(8) Pole Evans. 1929. *The Flowering Plants of South Africa* 9: tt. 333, 342, 358.
(9) Pole Evans. 1930. *The Flowering Plants of South Africa* 10: t. 371.
(10) Dyer. 1931. *The Flowering Plants of South Africa* 11: tt. 435, 439.
(11) Pole Evans. 1931. *The Flowering Plants of South Africa* 11: tt. 432, 433, 437.
(12) Letty. 1934. *The Flowering Plants of South Africa* 14: tt. 553, 555, 558.
(13) Pole Evans. 1934. *The Flowering Plants of South Africa* 14: tt. 554, 557.
(14) Pole Evans. 1935. *The Flowering Plants of South Africa* 15: tt. 571, 578.
(15) Christian. 1936. *The Flowering Plants of South Africa* 16: tt. 630, 638–640.
(16) Pole Evans. 1936. *The Flowering Plants of South Africa* 16: tt. 604–606, 608–612, 628, 634–636.
(17) Reynolds. 1936. *The Flowering Plants of South Africa* 16: tt. 601–603, 607, 633, 637.
(18) Pole Evans. 1937. *The Flowering Plants of South Africa* 17: t. 651.
(19) Christian. 1938. *The Flowering Plants of South Africa* 18: tt. 697–699.
(20) Pole Evans. 1938. *The Flowering Plants of South Africa* 18: tt. 707–710, 720.
(21) Reynolds. 1938. *The Flowering Plants of South Africa* 18: tt. 692, 707–710, 720.
(22) Pole Evans. 1939. *The Flowering Plants of South Africa* 19: tt. 731–733, 759.
(23) Christian. 1940. *The Flowering Plants of South Africa* 20: tt. 781, 782, 785, 797, 799.
(24) Pole Evans. 1940. *The Flowering Plants of South Africa* 20: tt. 761–763.
(25) Reynolds. 1940. *The Flowering Plants of South Africa* 20: t. 764.
(26) Verdoorn & Christian. 1940. *The Flowering Plants of South Africa* 20: t. 798.
(27) Dyer. 1941. *The Flowering Plants of South Africa* 21: tt. 805, 838.
(28) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: t. 802.
(29) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 879.
(30) Reynolds. 1942. *The Flowering Plants of South Africa* 22: t. 849.
(31) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 910.
(32) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: tt. 882, 911.
(33) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 945.
(34) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 923.
(35) Christian. 1945. *The Flowering Plants of Africa* 25: t. 991.
(36) Reynolds. 1945. *The Flowering Plants of Africa* 25: t. 980.
(37) Verdoorn & Christian. 1945. *The Flowering Plants of Africa* 25: t. 987.
(38) Verdoorn & Christian. 1947. *The Flowering Plants of Africa* 26: tt. 1014, 1015, 1016.
(39) Christian. 1951. *The Flowering Plants of Africa* 28: t. 1091.
(40) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1120.
(41) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1112.
(42) Reynolds. 1952. *The Flowering Plants of Africa* 29: t. 1122.
(43) Verdoorn. 1952. *The Flowering Plants of Africa* 29: t. 1126.
(44) Reynolds. 1953. *The Flowering Plants of Africa* 29: t. 1151.
(45) Reynolds. 1956. *The Flowering Plants of Africa* 31: t. 1234.
(46) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1214.
(47) Verdoorn. 1961. *The Flowering Plants of Africa* 34: tt. 1341, 1342.
(48) Verdoorn. 1962. *The Flowering Plants of Africa* 35: tt. 1382, 1390, 1391.
(49) Verdoorn. 1963. *The Flowering Plants of Africa* 36: tt. 1401, 1402, 1419.
(50) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1453.
(51) Verdoorn. 1966. *The Flowering Plants of Africa* 37: tt. 1466, 1467.
(52) Verdoorn. 1967. *The Flowering Plants of Africa* 38: t. 1517.
(53) Verdoorn & Hardy. 1967. *The Flowering Plants of Africa* 38: t. 1516.
(54) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1522.
(55) Hardy. 1970. *The Flowering Plants of Africa* 40: t. 1594.
(56) Verdoorn. 1970. *The Flowering Plants of Africa* 40: t. 1595.
(57) Verdoorn & Hardy. 1970. *The Flowering Plants of Africa* 40: t. 1598.
(58) Lavranos. 1971. *The Flowering Plants of Africa* 41: tt. 1610, 1611.
(59) Verdoorn. 1972. *The Flowering Plants of Africa* 42: t. 1654.
(60) Verdoorn. 1977. *The Flowering Plants of Africa* 44: t. 1730.
(61) Dyer. 1978. *The Flowering Plants of Africa* 45: t. 1765.
(62) Verdoorn. 1978. *The Flowering Plants of Africa* 45: tt. 1752, 1753, 1764.
(63) Lavranos. 1979. *The Flowering Plants of Africa* 46: t. 1801.
(64) Obermeyer. 1979. *The Flowering Plants of Africa* 45: tt. 1789, 1802.
(65) Verdoorn. 1979. *The Flowering Plants of Africa* 45: t. 1788.
(66) Reynolds. 1982. *The aloes of South Africa*, edn 4.
(67) Hardy. 1984. *The Flowering Plants of Africa* 48: tt. 1881–1885.
(68) Hardy. 1985. *The Flowering Plants of Africa* 48: tt. 1901, 1902.
(69) Glen & Hardy. 1986. *The Flowering Plants of Africa* 49: tt. 1935, 1936.
(70) Hardy. 1986. *The Flowering Plants of Africa* 49: t. 1934.
(71) Glen. 1987. *The Flowering Plants of Africa* 49: t. 1942.
(72) Glen & Hardy. 1987. *The Flowering Plants of Africa* 49: tt. 1943, 1944.
(73) Hardy & Glen. 1987. *The Flowering Plants of Africa* 49: t. 1941.
(74) Glen. 1988. *The Flowering Plants of Africa* 50: t. 1972.
(75) Glen & Hardy. 1988. *The Flowering Plants of Africa* 50: t. 1973.
(76) Hardy. 1988. *The Flowering Plants of Africa* 50: t. 1971.
(77) Hardy. 1989. *The Flowering Plants of Africa* 50: t. 1981.
(78) Lavranos & Glen. 1989. *The Flowering Plants of Africa* 50: t. 1982.
(79) Glen & Hardy. 1990. *The Flowering Plants of Africa* 51: tt. 2010–2012.
(80) Glen *et al.* 1990. *The Flowering Plants of Africa* 51: t. 2009.
(81) Glen & Hardy. 1992. *The Flowering Plants of Africa* 52: tt. 2047, 2048.
(82) Glen *et al.* 1992. *The Flowering Plants of Africa* 52: t. 2046.
(83) Glen. 1993. *The Flowering Plants of Africa* 52: t. 2064.
(84) Glen & Craib. 1993. *The Flowering Plants of Africa* 52: t. 2063.
(85) Glen & Hardy. 1993. *The Flowering Plants of Africa* 52: tt. 2065, 2066.
(86) Smith *et al.* 1994. *Flowering Plants of Africa* 53: tt. 80–84.
(87) Glen & Hardy. 2000. *FSA* 5: 1–167.
(88) Smith *et al.* 2001. *Flowering Plants of Africa* 57: 16–22.

acinacifolia J.Jacq. = **Gasteria acinacifolia**

acinacifolia J.Jacq. var. *venusta* (Haw.) Salm-Dyck = **Gasteria acinacifolia**

aculeata Pole Evans
Perennial. Herb, succulent. Ht 0.7–1.8 m. Alt 500–1675 m. B, LIM

acuminata Haw. = **A. humilis**

affinis A.Berger
A. immaculata Pillans (88)
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 1200–2000 m. LIM, G, M

africana Mill.
A. africana Mill. var. *angustior* Haw. (87)
A. africana Mill. var. *latifolia* Haw. (87)
A. angustifolia Haw. (87)
A. bolusii Baker (87)
A. perfoliata L. var. β L. (87)
Pachidendron africanum (Mill.) Haw. (87)
Pachidendron africanum (Mill.) Haw. var. *angustum* Haw. (87)
Pachidendron africanum (Mill.) Haw. var. *latum* Haw. (87)
Pachidendron angustifolium (Haw.) Haw. (87)
Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 75–300 m. WC, EC

africana Mill. var. *angustior* Haw. = **A. africana**

africana Mill. var. *latifolia* Haw. = **A. africana**

agrophila Reynolds = **A. ecklonis**

albicans Haw. = **Haworthia marginata**

albida (Stapf) Reynolds
A. kraussii Baker var. *minor* Baker (87)
A. myriacantha (Haw.) Schult. & Schult.f. var. *minor* (Baker) A.Berger (87)
Leptaloe albida Stapf (87)
Perennial. Herb, succulent. Ht 70–150 mm. Alt 1500–1770 m. M, S

albispina Haw. = **A. perfoliata**

albocincta Haw. = **A. striata** subsp. **striata**

alooides (Bolus) Druten
A. recurvifolia Groenew. (87)
Notosceptrum alooides (Bolus) Benth. (87)
Urginea alooides Bolus (87)
Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 1200–1800 m. M

altilinea (Haw.) Schult. & Schult.f. = **Haworthia mucronata** var. **mucronata**

ammophila Reynolds = **A. zebrina**

amoena Pillans = **A. microstigma** subsp. **framesii**

angelica Pole Evans
Perennial. Tree, shrub, succulent. Ht 2–3 m. Alt 500–1700 m. LIM

angolensis Baker
A. esculenta L.C.Leach (87)
A. littoralis Baker × *A. zebrina* Baker (87)
Perennial. Herb, succulent. Ht 0.3–1 m. Alt 1000–1400 m. N, B

angulata Willd. = **Gasteria carinata** var. **carinata**

angustifolia (Aiton) Salm-Dyck = **Gasteria disticha**

angustifolia Groenew. = **A. zebrina**

angustifolia Haw. = **A. africana**

arachnoides Thunb. = **Haworthia arachnoidea** var. **arachnoidea**

arachnoides Thunb. var. *pellucens* Salm-Dyck = **Haworthia herbacea** var. **herbacea**

arborea Medik. = **A. arborescens**

arborescens Mill.
A. arborea Medik. (87)
A. arborescens Mill. var. *frutescens* (Salm-Dyck) Link (87)
A. arborescens Mill. var. *milleri* A.Berger (87)
A. arborescens Mill. var. *natalensis* (J.M.Wood & M.S.Evans) A.Berger (87)
A. arborescens Mill. var. *pachythyrsa* A.Berger (87)
A. frutescens Salm-Dyck (87)
A. fruticosa Lam. (87)
A. mutabilis Pillans (87)
A. natalensis J.M.Wood & M.S.Evans (87)
Catevala arborescens (Mill.) Medik. (87)
Perennial. Shrub, succulent. Ht 0.8–3 m. Alt 10–1900 m. B, LIM, NW, G, M, S, KZN, WC, EC

arborescens Mill. var. *frutescens* (Salm-Dyck) Link = **A. arborescens**

arborescens Mill. var. *milleri* A.Berger = **A. arborescens**

arborescens Mill. var. *natalensis* (J.M.Wood & M.S.Evans) A.Berger = **A. arborescens**

arborescens Mill. var. *pachythyrsa* A.Berger = **A. arborescens**

arenicola Reynolds
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 0–5 m. WC

argenticauda Merxm. & Giess
Perennial. Herb, succulent. Ht up to 0.4 m. Alt 1000–1300 m. N

aristata Haw.
A. aristata Haw. var. *leiophylla* Baker (87)
A. aristata Haw. var. *parviflora* Baker (87)
A. ellenbergii Guillaumin (87)
A. longiaristata Schult. & Schult.f. (87)
Perennial. Herb, succulent. Ht 0.1–0.91 m. Alt 300–2125 m. FS, KZN, L, WC, EC

aristata Haw. var. *leiophylla* Baker = **A. aristata**

aristata Haw. var. *parviflora* Baker = **A. aristata**

aspera in sense of Salm-Dyck (1817), not of Salm-Dyck (1840), illegitimate name = **Astroloba corrugata**

asperifolia A.Berger
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 0–1250 m. N

asperiuscula (Haw.) Schult. & Schult.f. = **Haworthia viscosa**

atherstonei Baker = **A. pluridens**

atrovirens DC. = **Haworthia herbacea** var. **herbacea**

attenuata Haw. = **Haworthia attenuata** var. **attenuata**

aurantiaca Baker = **A. striatula** var. **striatula**

ausana Dinter = **A. variegata**

bainesii T.-Dyer = **A. barberae**

bainesii T.-Dyer var. *barberae* (T.-Dyer) Baker = **A. barberae**

bamangwatensis Schönland = **A. zebrina**

barberae T.-Dyer
A. bainesii T.-Dyer (87)
A. bainesii T.-Dyer var. *barberae* (T.-Dyer) Baker (87)
Perennial. Tree, succulent. Ht 5–22 m. Alt 170–610 m. M, S, KZN, EC

barbertoniae Pole Evans = **A. greatheadii** var. **davyana**

baumii Engl. & Gilg = **A. zebrina**

bicarinata (Haw.) Schult. & Schult.f. = × **Astroworthia bicarinata**

bicolor (Haw.) Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**

boastii Letty = **A. chortolirioides** var. **chortolirioides**

bolusii Baker = **A. africana**

boureana Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**

bowiea Schult. & Schult.f.
Bowiea africana Haw. (87)
Chamaealoe africana (Haw.) A.Berger (87)
Perennial. Herb, geophyte, succulent. Ht 0.07–0.1 m. Alt 0–100 m. EC

bowieana Salm-Dyck = **Gasteria bicolor** var. **bicolor**

boylei Baker = **A. ecklonis**

boylei Baker subsp. *major* Hilliard & B.L.Burtt = **A. ecklonis**

brachyphylla Salm-Dyck = **Gasteria brachyphylla** var. **brachyphylla**

bradlyana Jacq. = **Haworthia herbacea** var. **herbacea**

branddraaiensis Groenew.
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 850–1000 m. LIM, M

brevifolia Mill. var. **brevifolia**
A. brevifolia Mill. var. *postgenita* (Schult. & Schult.f.) Baker (87)
A. perfoliata L. var. δ L. (87)
A. perfoliata L. var. ζ L. (87)
A. postgenita Schult. & Schult.f. (87)
A. prolifera Haw. (87)
A. prolifera Haw. var. *major* Salm-Dyck (87)
Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 0–75 m. WC

brevifolia Mill. var. **depressa** (Haw.) Baker
A. brevifolia Mill. var. *serra* (DC.) A.Berger (87)
A. depressa Haw. (87)
A. serra DC. (87)
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 0–100 m. WC

brevifolia Mill. var. *postgenita* (Schult. & Schult.f.) Baker = **A. brevifolia** var. **brevifolia**

brevifolia Mill. var. *serra* (DC.) A.Berger = **A. brevifolia** var. **depressa**

broomii Schönland var. **broomii**
Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1000–1890 m. FS, L, NC, WC, EC

broomii Schönland var. **tarkaensis** Reynolds
Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1200–1550 m. NC, EC

brunnthaleri A.Berger ex Cammerloher = **A. microstigma** subsp. **microstigma**

buettneri A.Berger
A. paedogona A.Berger (87)
Perennial. Herb, geophyte, succulent. Ht 0.3–0.85 m. Alt 850–1050 m. N

buhrii Lavranos
Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.7 m. Alt 900–1700 m. NC

bullulata Jacq. = **Astroloba bullulata**

burgersfortensis Reynolds = **A. parvibracteata**

candelabrum A.Berger = **A. ferox**

candidans (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

carinata DC. = **Gasteria carinata** var. **verrucosa**

carinata Mill. = **Gasteria carinata** var. **carinata**

carinata Mill. var. *laevior* Salm-Dyck = **Gasteria carinata** var. **carinata**

carinata Mill. var. *subglabra* Haw. = **Gasteria carinata** var. **carinata**

carowii Reynolds = **A. sladeniana**

cascadensis Kuntze = **A. striatula** var. **striatula**

castanea Schönland
Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 1000–1980 m. LIM, G, M, S

chabaudii Schönland var. **chabaudii**
Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.65 m. Alt 15–1675 m. B, LIM, M, S, KZN

chimanimaniensis Christian = **A. swynnertonii**

chloracantha (Haw.) Schult. & Schult.f. = **Haworthia chloracantha** var. **chloracantha**

chlorantha Lavranos
Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1250–1450 m. NC

chortolirioides A.Berger var. *boastii* (Letty) Reynolds = **A. chortolirioides** var. **chortolirioides**

chortolirioides A.Berger var. **chortolirioides**
A. boastii Letty (87)
A. chortolirioides A.Berger var. *boastii* (Letty) Reynolds (87)
Perennial. Dwarf shrub, herb, succulent. Ht 0.2–0.3 m. Alt 152–1525 m. LIM, M, S

chortolirioides A.Berger var. **woolliana** (Pole Evans) Glen & D.S.Hardy
A. woolliana Pole Evans (87)
Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.4 m. Alt 1100–2000 m. LIM, M, S

ciliaris Haw. var. **ciliaris**
A. ciliaris Haw. var. *flanaganii* Schönland (87)
Perennial. Shrub, succulent. Ht 2–3.6 m. Alt 60–460 m. WC, EC

ciliaris Haw. var. *flanaganii* Schönland = **A. ciliaris** var. **ciliaris**

ciliaris Haw. var. **redacta** S.Carter
Perennial. Shrub, succulent. Ht up to 3 m. Alt 0–100 m. EC

ciliaris Haw. var. **tidmarshii** Schönland
A. tidmarshii (Schönland) F.S.Mull. (87)
Perennial. Shrub, succulent. Ht up to 3 m. Alt 0–600 m. EC

claviflora Burch.
A. decora Schönland (87)
A. schlechteri Schönland (87)
Perennial. Herb, succulent. Ht 0.22–0.91 m. Alt 275–1280 m. N, NW, FS, NC, WC, EC

coarctata (Haw.) Schult. & Schult.f. = **Haworthia coarctata** var. **coarctata** forma **coarctata**

commelinii Willd. = **A. perfoliata**

commixta A.Berger
Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 0–200 m. WC

comosa Marloth & A.Berger
Perennial. Tree, succulent. Ht 1–2 m. Alt 300–650 m. WC

comosibracteata Reynolds = **A. greatheadii** var. **davyana**

comptonii Reynolds = **A. perfoliata**

concinna Schult. & Schult.f. = **Haworthia viscosa**

congesta Salm-Dyck = **Astroloba congesta**

conspurcata Salm-Dyck = **Gasteria disticha**

constricta Baker = **A. zebrina**

cooperi Baker subsp. **cooperi**
A. schmidtiana Regel (87)
Perennial. Herb, succulent. Ht 0.6–1.2 m. Alt 45–1700 m. LIM, M, S, FS, KZN

cooperi Baker subsp. **pulchra** Glen & D.S.Hardy
Perennial. Herb, succulent. Ht 0.6–1.2 m. Alt 45–1700 m. S, KZN

corallina I.Verd.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–1.1 m. Alt 600–1200 m. N

cordifolia (Haw.) Schult. & Schult.f. = **Haworthia viscosa**

crassifolia (Haw.) Schult. & Schult.f. = **Gasteria disticha**

croucheri Hook.f. = **Gasteria croucheri**

cryptopoda Baker
A. pienaarii Pole Evans (87)
A. wickensii Pole Evans var. *lutea* Reynolds (87)
A. wickensii Pole Evans var. *wickensii* (87)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.91–2.74 m. Alt 460–1220 m. B, LIM, NW, G, M, S

cymbaefolia Schrad. = **Haworthia cymbiformis** var. **cymbiformis**

cymbiformis Haw. = **Haworthia cymbiformis** var. **cymbiformis**

dabenorisana Van Jaarsv.
Perennial. Dwarf shrub, succulent. Ht up to 300 mm. Alt 900–1000 m. NC

davyana Schönland = **A. greatheadii** var. **davyana**

davyana Schönland var. *subolifera* Groenew. = **A. greatheadii** var. **davyana**

decipiens (Haw.) Schult. & Schult.f. = **Gasteria nitida** var. **nitida**

decora Schönland = **A. claviflora**

depressa Haw. = **A. brevifolia** var. **depressa**

dewetii Reynolds
Perennial. Dwarf shrub, succulent. Ht 1.5–1.8 m. Alt 155–915 m. S, KZN

dewinteri Giess
Perennial. Shrub, dwarf shrub, succulent. Ht up to 0.8 m. Alt 600–1200 m. N

dichotoma Masson var. **dichotoma**
A. dichotoma Masson var. *montana* (Schinz) A.Berger (87)
A. montana Schinz (87)
A. ramosa Haw. (87)
Rhipidodendron dichotomum (Masson) Willd. (87)
Perennial. Tree, succulent. Ht 3–9 m. Alt 610–915 m. N, NC

dichotoma Masson var. *montana* (Schinz) A.Berger = **A. dichotoma** var. **dichotoma**

dichotoma Masson var. **ramosissima** (Pillans) Glen & D.S.Hardy
Perennial. Tree, succulent. Ht 3–9 m. Alt 610–915 m. N, NC

dictyodes Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**

dinteri A.Berger
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 600–1500 m. N

distans Haw. = **A. perfoliata**

disticha (Haw.) Schult. & Schult.f. = **Gasteria disticha**

disticha L. in part = **Gasteria carinata** var. **carinata**

disticha L. in part = **Gasteria carinata** var. **verrucosa**

disticha L. in part = **Gasteria disticha**

disticha L. var. *plicatilis* L. = **A. plicatilis**

disticha Thunb. = **Gasteria carinata** var. **thunbergii**

dolomitica Groenew. = **A. vryheidensis**

dominella Reynolds
Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt 900–1900 m. S, KZN

dyeri Schönland
Perennial. Herb, succulent. Ht 1.5–1.8 m. Alt 500–1500 m. LIM, M, S

echinata Willd. = **A. humilis**

echinata Willd. var. *minor* Salm-Dyck = **A. humilis**

ecklonis Salm-Dyck
A. agrophila Reynolds (87)
A. boylei Baker (87)
A. boylei Baker subsp. *major* Hilliard & B.L.Burtt (87)
A. hlangapies Groenew. (87)
A. kraussii Baker (87)
Perennial. Herb, succulent. Ht 0.5–1 m. Alt 90–2395 m. LIM, M, S, FS, KZN, L, EC

ellenbergii Guillaumin = **A. aristata**

elongata Salm-Dyck = **Gasteria trigona**

ensifolia (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

erecta (Haw.) Salm-Dyck var. *laetevirens* Salm-Dyck = **Haworthia minima** var. **minima**

erinacea Hardy
Perennial. Dwarf shrub, herb, succulent. Ht 0.4–0.8 m. Alt 900–1350 m. N

esculenta L.C.Leach = **A. angolensis**

excavata Willd. = **Gasteria carinata** var. **carinata**

excelsa A.Berger
Perennial. Tree, succulent. Ht 2–4 m. Alt 250–1250 m. B, LIM

falcata Baker
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 0–1050 m. NC, WC

fasciata (Willd.) Haw. var. *major* Salm-Dyck = **Haworthia fasciata**

fasciata (Willd.) Haw. var. *minor* Salm-Dyck = **Haworthia fasciata**

ferox Mill.
A. candelabrum A.Berger (87)
A. ferox Mill. var. *galpinii* (Baker) Reynolds (87)
A. ferox Mill. var. *incurva* Baker (87)
A. galpinii Baker (87)
A. perfoliata L. var. ε L. (87)
A. perfoliata L. var. γ L. (87)
A. perfoliata L. var. θ (Mill.) Aiton (87)
A. perfoliata L. var. ζ Willd. (87)

A. perfoliata Thunb. (87)
A. pseudo-ferox Salm-Dyck (87)
A. subferox Spreng. (87)
A. supralaevis Haw. (87)
A. supralaevis Haw. var. *erythrocarpa* A.Berger (87)
Pachidendron ferox (Mill.) Haw. (87)
Pachidendron pseudo-ferox (Salm-Dyck) Haw. (87)
Pachidendron supralaeve (Haw.) Haw. (87)
Perennial. Tree, succulent. Ht 2–5 m. Alt 10–670 m. KZN, L, WC, EC

ferox Mill. var. *galpinii* (Baker) Reynolds = **A. ferox**

ferox Mill. var. *incurva* Baker = **A. ferox**

ferox Mill. var. *xanthostachys* A.Berger = **A. marlothii** subsp. **marlothii**

flabelliformis Salisb. = **A. plicatilis**

flavispina Haw. = **A. perfoliata**

foliolosa Haw. = **Astroloba foliolosa**

formosa Schult. & Schult.f. = **Gasteria brachyphylla** var. **brachyphylla**

fosteri Pillans
Perennial. Herb, succulent. Ht 0.2–1.2 m. Alt 200–1220 m. LIM, M

fouriei D.S.Hardy & Glen
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 1000–1650 m. LIM, M

framesii L.Bolus = **A. microstigma** subsp. **framesii**

frutescens Salm-Dyck = **A. arborescens**

fruticosa Lam. = **A. arborescens**

galpinii Baker = **A. ferox**

gariepensis Pillans
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 140–700 m. N, NC

gerstneri Reynolds
Perennial. Shrub, succulent. Ht 0.4–1.3 m. Alt 300–900 m. KZN

glabra (Haw.) Salm-Dyck = **Gasteria carinata** var. **carinata**

glabrata Salm-Dyck = **Haworthia glabrata**

glauca Mill.
A. glauca Mill. var. *elatior* Salm-Dyck (87)
A. glauca Mill. var. *humilior* Salm-Dyck (87)
A. glauca Mill. var. *major* Haw. (87)
A. glauca Mill. var. *minor* Haw. (87)
A. glauca Mill. var. *muricata* (Schult.) Baker (87)
A. glauca Mill. var. *spinosior* Haw. (87)
A. muricata Schult. (87)
A. perfoliata L. var. κ L. (87)
A. rhodacantha DC. (87)
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 200–1250 m. NC, WC

glauca Mill. var. *elatior* Salm-Dyck = **A. glauca**

glauca Mill. var. *humilior* Salm-Dyck = **A. glauca**

glauca Mill. var. *major* Haw. = **A. glauca**

glauca Mill. var. *minor* Haw. = **A. glauca**

glauca Mill. var. *muricata* (Schult.) Baker = **A. glauca**

glauca Mill. var. *spinosior* Haw. = **A. glauca**

globuligemma Pole Evans
Perennial. Dwarf shrub, succulent. Ht 0.1–1.2 m. Alt 460–915 m. B, LIM, M

graciliflora Groenew. = **A. greatheadii** var. **davyana**

gracilis Haw.
A. gracilis Haw. var. *decumbens* Reynolds (67)
A. laxiflora N.E.Br. (66 or 87)
Perennial. Shrub, succulent. Ht up to 2 m. Alt 80–1000 m. WC, EC

gracilis Haw. var. *decumbens* Reynolds = **A. gracilis**

granata (Willd.) Salm-Dyck var. *major* Salm-Dyck = **Haworthia minima** var. **minima**

granata (Willd.) Salm-Dyck var. *minor* Salm-Dyck = **Haworthia minima** var. **minima**

granata (Willd.) Schult. & Schult.f. = **Haworthia minima** var. **minima**

grandidentata Salm-Dyck
Perennial. Herb, succulent. Ht 0.2–0.8 m. Alt 900–1675 m. B, NW, FS, NC, WC, EC

greatheadii Schönland var. **davyana** (Schönland) Glen & D.S.Hardy
A. barbertoniae Pole Evans (87)
A. comosibracteata Reynolds (87)
A. davyana Schönland (87)
A. davyana Schönland var. *subolifera* Groenew. (87)
A. graciliflora Groenew. (87)
A. labiaflava Groenew. (87)
A. longibracteata Pole Evans (87)
A. mutans Reynolds (87)
A. verdoorniae Reynolds (87)
Perennial. Herb, succulent. Ht 0.2–1.4 m. Alt 725–2100 m. LIM, NW, G, M, S, FS, KZN

greatheadii Schönland var. **greatheadii**
A. pallidiflora A.Berger (87)
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 700–1890 m. B, LIM, G, M

greenii Baker
Perennial. Herb, succulent. Ht up to 1.2 m. Alt 0–1000 m. KZN

haemanthifolia A.Berger & Marloth
Perennial. Herb, succulent. Ht 0.4–0.7 m. Alt 500–1675 m. WC

hanburiana Naudin = **A. striata** subsp. **striata**

hardyi Glen
Perennial. Shrub, succulent. Ht up to 1.75 m. Alt 850–1350 m. LIM

hebes Schult. & Schult.f. = **Haworthia cymbiformis** var. **cymbiformis**

herbacea DC. = **Haworthia reticulata** var. **reticulata**

herbacea Mill. = **Haworthia herbacea** var. **herbacea**

hereroensis Engl. var. **hereroensis**
A. hereroensis Engl. var. *orpeniae* (Schönland) A.Berger (66 or 87)
A. orpeniae Schönland (87)
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 800–1400 m. N, FS, NC

hereroensis Engl. var. **lutea** A.Berger
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 850–1200 m. N

hereroensis Engl. var. *orpeniae* (Schönland) A.Berger = **A. hereroensis** var. **hereroensis**

hlangapies Groenew. = **A. ecklonis**

humilis (L.) Mill.
A. acuminata Haw. (87)
A. echinata Willd. (87)
A. echinata Willd. var. *minor* Salm-Dyck (87)
A. humilis (L.) Mill. var. *acuminata* (Haw.) Baker (87)
A. humilis (L.) Mill. var. *candollei* Baker (87)

A. humilis (L.) Mill. var. *echinata* (Willd.) Baker (87)
A. humilis (L.) Mill. var. *incurva* Haw. (87)
A. humilis (L.) Mill. var. *suberecta* (Aiton) Baker (87)
A. humilis (L.) Mill. var. *subtuberculata* (Haw.) Baker (87)
A. incurva (Haw.) Haw. (87)
A. suberecta (Aiton) Haw. (87)
A. suberecta (Aiton) Haw. var. *semiguttata* Haw. (87)
A. subtuberculata Haw. (87)
A. tuberculata Haw. (87)
A. verrucosospinosa All. (87)
Catevala humilis (L.) Medik. (87)
Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 0–1675 m. NC, WC, EC

humilis (L.) Mill. var. *acuminata* (Haw.) Baker = **A. humilis**

humilis (L.) Mill. var. *candollei* Baker = **A. humilis**

humilis (L.) Mill. var. *echinata* (Willd.) Baker = **A. humilis**

humilis (L.) Mill. var. *incurva* Haw. = **A. humilis**

humilis (L.) Mill. var. *suberecta* (Aiton) Baker = **A. humilis**

humilis (L.) Mill. var. *subtuberculata* (Haw.) Baker = **A. humilis**

immaculata Pillans = **A. affinis**

inconspicua Plowes
Perennial. Herb, geophyte, succulent. Ht 0.15–0.3 m. Alt 1100–1200 m. KZN

incurva (Haw.) Haw. = **A. humilis**

indurata Schult. & Schult.f. = **Haworthia viscosa**

integra Reynolds
Perennial. Herb, succulent. Ht 0.35–0.5 m. Alt 1200–1600 m. M, S

intermedia Haw. = **Gasteria carinata** var. **verrucosa**

intermedia Haw. var. *asperrima* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

juttae Dinter = **A. microstigma** subsp. **microstigma**

karasbergensis Pillans = **A. striata** subsp. **karasbergensis**

keithii Reynolds = **A. parvibracteata**

khamiesensis Pillans = **A. microstigma** subsp. **microstigma**

kniphofioides Baker
A. marshalli J.M.Wood & M.S.Evans (87)
Perennial. Herb, geophyte, succulent. Ht 0.35–0.4 m. Alt 300–1725 m. M, S, FS, KZN, EC

komaggasensis Kritzinger & Van Jaarsv. = **A. striata** subsp. **komaggasensis**

komatiensis Reynolds = **A. zebrina**

krapohliana Marloth
A. krapohliana Marloth var. *dumoulinii* Lavranos (87)
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 0–1500 m. NC, WC

krapohliana Marloth var. *dumoulinii* Lavranos = **A. krapohliana**

kraussii Baker = **A. ecklonis**

kraussii Baker var. *minor* Baker = **A. albida**

labiaflava Groenew. = **A. greatheadii** var. **davyana**

laetepuncta (Haw.) Schult. & Schult.f. = **Gasteria carinata** var. **carinata**

laetevirens (Haw.) Link = **Haworthia turgida** var. **turgida**

laevigata Schult. & Schult.f. = **Haworthia marginata**

latifolia (Haw.) Haw. = **A. maculata**

laxiflora N.E.Br. = **A. gracilis**

laxissima Reynolds = **A. zebrina**

leptophylla N.E.Br. ex Baker = **A. maculata**

leptophylla N.E.Br. ex Baker var. *stenophylla* Baker = **A. maculata**

lettyae Reynolds = **A. zebrina**

linearifolia A.Berger
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 75–1830 m. M, S, KZN, EC

lineata (Aiton) Haw. var. *glaucescens* Haw. = **A. lineata** var. **lineata**

lineata (Aiton) Haw. var. **lineata**
A. lineata (Aiton) Haw. var. *glaucescens* Haw. (87)
A. lineata (Aiton) Haw. var. *viridis* Haw. (87)
A. perfoliata L. var. *lineata* Aiton (87)
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 0–1600 m. WC, EC

lineata (Aiton) Haw. var. **muirii** (Marloth) Reynolds
A. muirii Marloth (87)
Perennial. Shrub, succulent. Ht up to 1 m. Alt 185–600 m. WC, EC

lineata (Aiton) Haw. var. *viridis* Haw. = **A. lineata** var. **lineata**

lingua Ker Gawl. = **Gasteria bicolor** var. **bicolor**

lingua Ker Gawl. var. *angulata* Haw. = **Gasteria carinata** var. **carinata**

lingua Ker Gawl. var. *angustifolia* Aiton = **Gasteria disticha**

lingua Ker Gawl. var. *crassifolia* Aiton = **Gasteria disticha**

lingua Ker Gawl. var. *latifolia* Haw. = **Gasteria disticha**

lingua Ker Gawl. var. *longifolia* Haw. = **Gasteria disticha**

lingua Ker Gawl. var. *multifaria* Haw. = **Gasteria carinata** var. **carinata**

lingua Thunb. = **A. plicatilis**

linguaeformis L.f. = **A. plicatilis**

linguiformis Mill. = **Gasteria disticha**

littoralis Baker
A. rubrolutea Schinz (81)
A. schinzii Baker (87)
Perennial. Tree, succulent. Ht 2–4 m. Alt 275–1525 m. N, B, LIM

littoralis Baker × *A. zebrina* Baker = **A. angolensis**

longiaristata Schult. & Schult.f. = **A. aristata**

longibracteata Pole Evans = **A. greatheadii** var. **davyana**

longifolia Haw. = **Gasteria disticha**

longifolia Lam. = **Kniphofia uvaria**

longistyla Baker
Perennial. Herb, succulent. Ht 0.15–0.25 m. Alt 500–1400 m. WC, EC

lugardiana Baker = **A. zebrina**

lusitanica Groenew. = **A. parvibracteata**

lutescens Groenew.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–0.8 m. Alt 250–1200 m. LIM

macowanii Baker = **A. striatula** var. **striatula**

macracantha Baker = **A. maculata**

maculata All.
A. latifolia (Haw.) Haw. (87)
A. leptophylla N.E.Br. ex Baker (87)

A. leptophylla N.E.Br. ex Baker var. *stenophylla* Baker (87)
A. macracantha Baker (87)
A. maculosa Lam. (87)
A. perfoliata L. var. λ L. (87)
A. perfoliata L. var. θ L. (87)
A. saponaria (Aiton) Haw. (87)
A. saponaria (Aiton) Haw. var. *brachyphylla* Baker (87)
A. saponaria (Aiton) Haw. var. *ficksburgensis* Reynolds (87)
A. saponaria (Aiton) Haw. var. *latifolia* Haw. (87)
A. umbellata DC. (87)
A. umfoloziensis Reynolds (87)
Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 5–2685 m. M, S, FS, KZN, L, WC, EC

maculata Ker Gawl., not of All. = **Gasteria pulchra**

maculata Thunb. = **Gasteria bicolor** var. **bicolor**

maculata Thunb. var. *obliqua* Aiton = **Gasteria bicolor** var. **bicolor**

maculata Thunb. var. *pulchra* Aiton = **Gasteria pulchra**

maculosa Lam. = **A. maculata**

margaritifera (L.) Burm.f. = **Haworthia maxima**

margaritifera (L.) Burm.f. var. *maxima* Haw. = **Haworthia maxima**

margaritifera (L.) Burm.f. var. *minima* Aiton = **Haworthia minima** var. **minima**

margaritifera (L.) Burm.f. var. *minor* Aiton = **Haworthia minima** var. **minima**

marginata Lam. = **Haworthia marginata**

marlothii A.Berger subsp. **marlothii**
A. ferox Mill. var. *xanthostachys* A.Berger (87)
A. marlothii A.Berger var. *bicolor* Reynolds (87)
A. marlothii A.Berger var. *marlothii* (87)
A. spectabilis Reynolds (87)
A. supralaevis Haw. var. *hanburyi* Baker (87)
Perennial. Tree, succulent. Ht 2–10 m. Alt 150–1600 m. B, LIM, NW, G, M, S, KZN

marlothii A.Berger subsp. **orientalis** Glen & D.S.Hardy
Perennial. Shrub, succulent. Ht 1.5–4 m. Alt 0–250 m. S, KZN

marlothii A.Berger var. *bicolor* Reynolds = **A. marlothii** subsp. **marlothii**

marlothii A.Berger var. *marlothii* = **A. marlothii** subsp. **marlothii**

marshalli J.M.Wood & M.S.Evans = **A. kniphofioides**

melanacantha A.Berger
Perennial. Herb, succulent. Ht 0.3–0.9 m. Alt 50–700 m. NC, WC

melsetterensis Christian = **A. swynnertonii**

meyeri Van Jaarsv.
A. richtersveldensis Venter & Beukes (87)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 300–1200 m. NC

micracantha Haw.
Perennial. Herb, succulent. Ht 0.35–0.5 m. Alt 0–700 m. KZN, EC

microstigma Salm-Dyck subsp. **framesii** (L.Bolus) Glen & D.S.Hardy
A. amoena Pillans (87)
A. framesii L.Bolus (87)
Perennial. Shrub, succulent. Ht 0.5–1 m. Alt 0–1000 m. NC, WC

microstigma Salm-Dyck subsp. **microstigma**
A. brunnthaleri A.Berger ex Cammerloher (87)
A. juttae Dinter (87)
A. khamiesensis Pillans (87)
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 75–1450 m. N, NC, WC

minima Baker
A. minima Baker var. *blyderivierensis* (Groenew.) Reynolds (87)
A. parviflora Baker (87)
Leptaloe blyderivierensis Groenew. (87)
Leptaloe minima (Baker) Stapf (87)
Leptaloe parviflora (Baker) Stapf (87)
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 10–2200 m. M, S, KZN, EC

minima Baker var. *blyderivierensis* (Groenew.) Reynolds = **A. minima**

minor (Aiton) Schult. & Schult.f. = **Haworthia minima** var. **minima**

mirabilis Haw. = **Haworthia mirabilis** var. **mirabilis**

mitriformis Mill. = **A. perfoliata**

mitriformis Mill. var. *albispina* (Haw.) A.Berger = **A. perfoliata**

mitriformis Mill. var. *angustior* Lam. = **A. perfoliata**

mitriformis Mill. var. *brevifolia* (Aiton) W.T.Aiton = **A. perfoliata**

mitriformis Mill. var. *commelinii* (Willd.) Baker = **A. perfoliata**

mitriformis Mill. var. *elatior* Haw. = **A. perfoliata**

mitriformis Mill. var. *flavispina* (Haw.) Baker = **A. perfoliata**

mitriformis Mill. var. *humilior* Haw. = **A. perfoliata**

mitriformis Mill. var. *xanthacantha* (Willd.) Baker = **A. perfoliata**

modesta Reynolds
Perennial. Herb, geophyte, succulent. Ht 0.2–0.3 m. Alt 1250–1675 m. LIM, M, KZN

mollis (Haw.) Schult. & Schult.f. = **Gasteria disticha**

monotropa I.Verd.
Perennial. Herb, succulent. Ht 0.2–1 m. Alt 900–1350 m. LIM

montana Schinz = **A. dichotoma** var. **dichotoma**

mudenensis Reynolds
Perennial. Herb, succulent. Ht 0.25–0.5 m. Alt 550–1525 m. S, KZN

muirii Marloth = **A. lineata** var. **muirii**

muricata Schult. = **A. glauca**

mutabilis Pillans = **A. arborescens**

mutans Reynolds = **A. greatheadii** var. **davyana**

myriacantha (Haw.) Schult. & Schult.f.
Bowiea myriacantha Haw. (87)
Leptaloe johnstonii Christian (87)
Leptaloe myriacantha (Haw.) Stapf (87)
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 0–1500 m. LIM, M, S, KZN, EC

myriacantha (Haw.) Schult. & Schult.f. var. *minor* (Baker) A.Berger = **A. albida**

namibensis Giess
Perennial. Dwarf shrub, succulent. Ht 0.6–2 m. Alt 450–950 m. N

natalensis J.M.Wood & M.S.Evans = **A. arborescens**

nigra (Haw.) Schult. & Schult.f. = **Haworthia nigra** var. **nigra**

nigricans Haw. = **Gasteria disticha**

nigricans Haw. var. *denticulata* Salm-Dyck = **Gasteria disticha**

nigricans Haw. var. *marmorata* Salm-Dyck = **Gasteria brachyphylla** var. **brachyphylla**

nitens Baker = **A. rupestris**

nitens (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

nitida Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *grandipunctata* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *major* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *minor* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *obtusa* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *parvipunctata* Salm-Dyck = **Gasteria nitida** var. **nitida**

nubigena Groenew.
Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 1450–2100 m. LIM, M

obliqua DC., not of Haw. = **Gasteria pulchra**

obliqua Haw. = **Gasteria bicolor** var. **bicolor**

obliqua Haw. var. *fallax* (Haw.) Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**

obliqua Jacq. = **Gasteria disticha**

obscura Willd. = **Gasteria disticha**

obscura Willd. var. *truncata* Salm-Dyck = **Gasteria carinata** var. **carinata**

obtusa (Salm-Dyck) Schult. & Schult.f. = **Gasteria nitida** var. **nitida**

obtusifolia Salm-Dyck = **Gasteria disticha**

orpeniae Schönland = **A. hereroensis** var. **hereroensis**

pachygaster Dinter
Perennial. Dwarf shrub, succulent. Ht 0.2–0.35 m. Alt 0–1500 m. N

paedogona A.Berger = **A. buettneri**

pallida (Haw.) Schult. & Schult.f. = **Haworthia herbacea** var. **herbacea**

pallidiflora A.Berger = **A. greatheadii** var. **greatheadii**

paniculata Jacq. = **A. striata** subsp. **striata**

papillosa Salm-Dyck, new synonym = **Haworthia maxima**

parva (Haw.) Schult. & Schult.f. = **Haworthia venosa** subsp. **tessellata**

parvibracteata Schönland
A. burgersfortensis Reynolds (87)
A. keithii Reynolds (87)
A. lusitanica Groenew. (87)
A. parvibracteata Schönland var. *zuluensis* (Reynolds) Reynolds (87)
A. pongolensis Reynolds (81)
A. pongolensis Reynolds var. *zuluensis* Reynolds (87)
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 200–1400 m. LIM, M, S, KZN

parvibracteata Schönland var. *zuluensis* (Reynolds) Reynolds = **A. parvibracteata**

parviflora Baker = **A. minima**

parvispina Schönland = **A. perfoliata**

pearsonii Schönland
Perennial. Shrub, succulent. Ht 1–2 m. Alt 300–1550 m. N, NC

peglerae Schönland
Perennial. Dwarf shrub, herb, succulent. Ht 0.35–0.45 m. Alt 1350–1700 m. NW, G

pellucens Haw. = **Haworthia herbacea** var. **herbacea**

perfoliata L.
A. albispina Haw. (87)
A. commelinii Willd. (87)
A. comptonii Reynolds (87)
A. distans Haw. (87)
A. flavispina Haw. (87)
A. nitriformis Mill. (87)
A. mitriformis Mill. var. *albispina* (Haw.) A.Berger (87)
A. mitriformis Mill. var. *angustior* Lam. (87)
A. mitriformis Mill. var. *brevifolia* (Aiton) W.T.Aiton (87)
A. mitriformis Mill. var. *commelinii* (Willd.) Baker (87)
A. mitriformis Mill. var. *elatior* Haw. (87)
A. mitriformis Mill. var. *flavispina* (Haw.) Baker (87)
A. mitriformis Mill. var. *humilior* Haw. (87)
A. mitriformis Mill. var. *xanthacantha* (Willd.) Baker (87)
A. parvispina Schönland (87)
A. perfoliata L. var. *brevifolia* Aiton (87)
A. perfoliata L. var. κ Willd. (88)
A. perfoliata L. var. *mitriformis* (Mill.) Aiton (87)
A. perfoliata L. var. ν L. (87)
A. xanthacantha Willd. (87)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 400–1050 m. WC, EC

perfoliata L. var. β L. = **A. africana**

perfoliata L. var. *brevifolia* Aiton = **A. perfoliata**

perfoliata L. var. δ L. = **A. brevifolia** var. **brevifolia**

perfoliata L. var. ε L. = **A. ferox**

perfoliata L. var. γ L. = **A. ferox**

perfoliata L. var. κ L. = **A. glauca**

perfoliata L. var. κ Willd. = **A. perfoliata**

perfoliata L. var. λ L. = **A. maculata**

perfoliata L. var. *lineata* Aiton = **A. lineata** var. **lineata**

perfoliata L. var. *mitriformis* (Mill.) Aiton = **A. perfoliata**

perfoliata L. var. ν L. = **A. perfoliata**

perfoliata L. var. *purpurascens* Aiton = **A. succotrina**

perfoliata L. var. θ L. = **A. maculata**

perfoliata L. var. θ (Mill.) Aiton = **A. ferox**

perfoliata L. var. *succotrina* (Lam.) Aiton = **A. succotrina**

perfoliata L. var. ξ L. = **A. succotrina**

perfoliata L. var. ζ L. = **A. brevifolia** var. **brevifolia**

perfoliata L. var. ζ Willd. = **A. ferox**

perfoliata Thunb. = **A. ferox**

petricola Pole Evans
Perennial. Dwarf shrub, succulent. Ht 0.5–2 m. Alt 500–1065 m. LIM, M

petrophila Pillans = **A. swynnertonii**

pictifolia Hardy
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 250–500 m. EC

pienaarii Pole Evans = **A. cryptopoda**

pillansii L.Guthrie
Perennial. Tree, succulent. Ht 8–12 m. Alt 250–1000 m. N, NC

planifolia Baker = **Gasteria bicolor** var. **bicolor**

planifolia (Haw.) Schult. & Schult.f. = **Haworthia cymbiformis** var. **cymbiformis**

platyphylla Baker = **A. zebrina**

plicatilis (L.) Mill.
A. disticha L. var. *plicatilis* L. (87)
A. flabelliformis Salisb. (87)
A. lingua Thunb. (87)
A. linguaeformis L.f. (87)
A. plicatilis (L.) Mill. var. *major* Salm-Dyck (87)
A. tripetala Medik. (87)
Kumara disticha Medik. (87)
Rhipidodendron distichum (Medik.) Willd. (87)
Rhipidodendrum plicatile (L.) Haw. (87)
Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 150–670 m. WC

plicatilis (L.) Mill. var. *major* Salm-Dyck = **A. plicatilis**

pluridens Haw.
A. atherstonei Baker (87)
A. pluridens Haw. var. *beckeri* Schönland (87)
Perennial. Tree, shrub, succulent. Ht 2–5 m. Alt 0–500 m. KZN, EC

pluridens Haw. var. *beckeri* Schönland = **A. pluridens**

pluripuncta (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

polyphylla Schönland ex Pillans
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1.2 m. Alt 2000–2440 m. L

pongolensis Reynolds = **A. parvibracteata**

pongolensis Reynolds var. *zuluensis* Reynolds = **A. parvibracteata**

postgenita Schult. & Schult.f. = **A. brevifolia** var. **brevifolia**

pratensis Baker
Perennial. Herb, succulent. Ht 0.15–0.4 m. Alt 100–1920 m. KZN, L, EC

pretoriensis Pole Evans
Perennial. Shrub, herb, succulent. Ht 1–3.5 m. Alt 650–1525 m. LIM, NW, G, M, S

prinslooi I.Verd. & D.S.Hardy
Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 800–1400 m. KZN

prolifera Haw. = **A. brevifolia** var. **brevifolia**

prolifera Haw. var. *major* Salm-Dyck = **A. brevifolia** var. **brevifolia**

pruinosa Reynolds
Perennial. Herb, succulent. Ht 0.3–1.8 m. Alt 600–800 m. KZN

pseudangulata Salm-Dyck = **Gasteria carinata** var. **carinata**

pseudo-ferox Salm-Dyck = **A. ferox**

pseudotortuosa Salm-Dyck = **Haworthia viscosa**

pulchra (Aiton) Jacq. = **Gasteria pulchra**

pumila L. var. *arachnoidea* L. = **Haworthia arachnoidea** var. **arachnoidea**

pumila L. var. *β* L. = **Haworthia minima** var. **minima**

pumila L. var. *γ* L. = **Haworthia minima** var. **minima**

pumila L. var. *margaritifera* L. = **Haworthia maxima**

pumilio Jacq. = **Haworthia reticulata** var. **reticulata**

punctata Haw. = **A. variegata**

purpurascens (Aiton) Haw. = **A. succotrina**

racemosa Lam. = **Gasteria carinata** var. **verrucosa**

radula Jacq. = **Haworthia attenuata** var. **radula**

ramosa Haw. = **A. dichotoma** var. **dichotoma**

recurva Haw. = **Haworthia venosa** subsp. **venosa**

recurvifolia Groenew. = **A. alooides**

reinwardtii Salm-Dyck = **Haworthia reinwardtii** var. **reinwardtii** forma **reinwardtii**

reitzii Reynolds var. **reitzii**
Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–1.4 m. Alt 1400–1830 m. LIM, G, M, S

reitzii Reynolds var. **vernalis** Hardy
Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–1.2 m. Alt 900–1600 m. KZN

repens Schult. & Schult.f. = **Gasteria carinata** var. **verrucosa**

reticulata Haw. = **Haworthia reticulata** var. **reticulata**

retusa L. = **Haworthia retusa** var. **retusa**

reynoldsii Letty
Perennial. Dwarf shrub, herb, succulent. Ht 0.3–1.2 m. Alt 150–1000 m. EC

rhodacantha DC. = **A. glauca**

richtersveldensis Venter & Beukes = **A. meyeri**

rigida Salisb. = **Kniphofia uvaria**

rubriflora (L.Bolus) G.D.Rowley = **Astroloba rubriflora**

rubrolutea Schinz = **A. littoralis**

rupestris Baker
A. nitens Baker (87)
Perennial. Tree, succulent. Ht 6–8 m. Alt 0–1000 m. S, KZN

saponaria (Aiton) Haw. = **A. maculata**

saponaria (Aiton) Haw. var. *brachyphylla* Baker = **A. maculata**

saponaria (Aiton) Haw. var. *ficksburgensis* Reynolds = **A. maculata**

saponaria (Aiton) Haw. var. *latifolia* Haw. = **A. maculata**

saundersiae (Reynolds) Reynolds
Leptaloe saundersiae Reynolds (87)
Perennial. Herb, succulent. Ht 0.05–0.08 m. Alt 1200–1280 m. KZN

scaberrima Salm-Dyck = **Gasteria carinata** var. **verrucosa**

scabra (Haw.) Schult. & Schult.f. = **Haworthia scabra** var. **scabra**

schinzii Baker = **A. littoralis**

schlechteri Schönland = **A. claviflora**

schmidtiana Regel = **A. cooperi** subsp. **cooperi**

semiglabrata (Haw.) Schult. & Schult.f. = **Haworthia maxima**

semimargaritifera Salm-Dyck = **Haworthia maxima**

semimargaritifera Salm-Dyck var. *maxima* Salm-Dyck = **Haworthia maxima**

serra DC. = **A. brevifolia** var. **depressa**

sessiliflora Pole Evans = **A. spicata**

setosa Schult. & Schult.f. = **Haworthia arachnoidea** var. **setata**

simii Pole Evans
Perennial. Herb, succulent. Ht 0.3–1.5 m. Alt 900–1065 m. M

sinuata Thunb. = **A. succotrina**

sladeniana Pole Evans
A. carowii Reynolds (87)
Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 900–1500 m. N

soccotorina Schult. & Schult.f. = **A. succotrina**

socotrina DC. = **A. succotrina**

sordida (Haw.) Schult. & Schult.f. = **Haworthia sordida** var. **sordida**

soutpansbergensis I.Verd.
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 1525–1750 m. LIM

speciosa Baker
Perennial. Tree, shrub, succulent. Ht 3–6 m. Alt 0–1000 m. WC, EC

spectabilis Reynolds = **A. marlothii** subsp. **marlothii**

spicata L.f.
A. sessiliflora Pole Evans (87)
A. tauri L.C.Leach (87)
Perennial. Tree, shrub, succulent. Ht 1–2 m. Alt 0–1650 m. LIM, M, S, KZN

spiralis Haw., illegitimate name = **Astroloba spiralis**

spiralis L. = **Astroloba spiralis**

stenophylla Schult. & Schult.f. = **Haworthia angustifolia** var. **angustifolia**

striata Haw. var. *oligospila* Baker = **A. striata** subsp. **striata**

striata Haw. subsp. **karasbergensis** (Pillans) Glen & D.S.Hardy
A. karasbergensis Pillans (87)
Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 250–1250 m. N, NC

striata Haw. subsp. **komaggasensis** (Kritzinger & Van Jaarsv.) Glen & D.S.Hardy
A. komaggasensis Kritzinger & Van Jaarsv. (87)
Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 500–750 m. NC

striata Haw. subsp. **striata**
A. albocincta Haw. (87)
A. hanburiana Naudin (87)
A. paniculata Jacq. (87)
A. striata Haw. var. *oligospila* Baker (87)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 250–2150 m. WC, EC

striatula Haw. var. **caesia** Reynolds
Perennial. Shrub, succulent. Ht 1–1.7 m. Alt 1250–1675 m. EC

striatula Haw. var. **striatula**
A. aurantiaca Baker (87)
A. cascadensis Kuntze (87)
A. macowanii Baker (87)
Perennial. Shrub, succulent. Ht 1–1.75 m. Alt 50–2000 m. L, EC

subcarinata Haw. = **Gasteria carinata** var. **carinata**

suberecta (Aiton) Haw. = **A. humilis**

suberecta (Aiton) Haw. var. *semiguttata* Haw. = **A. humilis**

subfasciata Salm-Dyck = **Haworthia fasciata**

subferox Spreng. = **A. ferox**

subtortuosa Schult. & Schult.f. = **Haworthia viscosa**

subtuberculata Haw. = **A. humilis**

subulata Salm-Dyck = **Haworthia attenuata** var. **radula**

subverrucosa Salm-Dyck = **Gasteria carinata** var. **verrucosa**

subverrucosa Salm-Dyck var. *grandipunctata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

subverrucosa Salm-Dyck var. *parvipunctata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

succotrina Lam.
A. perfoliata L. var. *purpurascens* Aiton (87)
A. perfoliata L. var. *succotrina* (Lam.) Aiton (87)
A. perfoliata L. var. ξ L. (87)
A. purpurascens (Aiton) Haw. (87)
A. sinuata Thunb. (87)
A. soccotorina Schult. & Schult.f. (87)
A. socotrina DC. (87)
A. succotrina Lam. var. *saxigena* A.Berger (87)
Perennial. Shrub, succulent. Ht 1–2 m. Alt 0–900 m. WC

succotrina Lam. var. *saxigena* A.Berger = **A. succotrina**

suffulta Reynolds
Perennial. Herb, succulent. Ht 0.2–2.2 m. Alt 0–300 m. KZN

sulcata Salm-Dyck = **Gasteria carinata** var. **carinata**

suprafoliata Pole Evans
Perennial. Shrub, dwarf shrub, herb, succulent. Ht 0.2–2 m. Alt 300–1550 m. M, S, KZN

supralaevis Haw. = **A. ferox**

supralaevis Haw. var. *erythrocarpa* A.Berger = **A. ferox**

supralaevis Haw. var. *hanburyi* Baker = **A. marlothii** subsp. **marlothii**

swynnertonii Rendle
A. chimanimaniensis Christian (87)
A. melsetterensis Christian (87)
A. petrophila Pillans (87)
A. vogtsii Reynolds (87)
Perennial. Herb, succulent. Ht 0.25–0.35 m. Alt 1100–1830 m. LIM

tauri L.C.Leach = **A. spicata**

tenuior Haw.
A. tenuior Haw. var. *decidua* Reynolds (87)
A. tenuior Haw. var. *densiflora* Reynolds (87)
A. tenuior Haw. var. *glaucescens* Zahlbr. (87)
A. tenuior Haw. var. *rubriflora* Reynolds (87)
Perennial. Shrub, succulent. Ht 1–3 m. Alt 155–2285 m. M, KZN, WC, EC

tenuior Haw. var. *decidua* Reynolds = **A. tenuior**

tenuior Haw. var. *densiflora* Reynolds = **A. tenuior**

tenuior Haw. var. *glaucescens* Zahlbr. = **A. tenuior**

tenuior Haw. var. *rubriflora* Reynolds = **A. tenuior**

tessellata (Haw.) Schult. & Schult.f. = **Haworthia venosa** subsp. **tessellata**

thompsoniae Groenew.
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 1650–2100 m. LIM, M

thorncroftii Pole Evans
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 1375–1525 m. M

thraskii Baker
Perennial. Tree, shrub, succulent. Ht 1–4 m. Alt 0–100 m. KZN

tidmarshii (Schönland) F.S.Mull. = **A. ciliaris** var. **tidmarshii**

torquata (Haw.) Salm-Dyck = **Haworthia viscosa**

tortuosa Haw. = **Haworthia viscosa**

translucens Haw. = **Haworthia herbacea** var. **herbacea**

transvaalensis Kuntze = **A. zebrina**

triangularis Medik. = **Haworthia viscosa**

tricolor Haw. = **Haworthia venosa** subsp. **venosa**

trigona (Haw.) Schult. & Schult.f. = **Gasteria trigona**

trigona Salm-Dyck = **Gasteria nitida** var. **nitida**

trigona Salm-Dyck var. *obtusa* Salm-Dyck = **Gasteria nitida** var. **nitida**

tripetala Medik. = **A. plicatilis**

tristicha Medik. = **Gasteria carinata** var. **carinata**

tuberculata Haw. = **A. humilis**

turgida (Haw.) Schult. & Schult.f. = **Haworthia turgida** var. **turgida**

umbellata DC. = **A. maculata**

umfoloziensis Reynolds = **A. maculata**

uvaria L. = **Kniphofia uvaria**

vanbalenii Pillans
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 250–400 m. S, KZN

vandermerwei Reynolds = **A. zebrina**

variegata L.
A. ausana Dinter (87)
A. punctata Haw. (87)
A. variegata L. var. *haworthii* A.Berger (87)
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 100–1750 m. N, FS, NC, WC, EC

variegata L. var. *haworthii* A.Berger = **A. variegata**

venosa Lam. = **Haworthia venosa** subsp. **venosa**

venusta (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

verdoorniae Reynolds = **A. greatheadii** var. **davyana**

verecunda Pole Evans
Perennial. Herb, succulent. Ht 0.3–0.45 m. Alt 900–1830 m. LIM, G, M

verrucosa Mill. = **Gasteria carinata** var. **verrucosa**

verrucosa Mill. var. *latifolia* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

verrucosa Mill. var. *striata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

verrucosospinosa All. = **A. humilis**

verrucula Medik. = **Gasteria carinata** var. **verrucosa**

virescens (Haw.) Schult. & Schult.f. = **Haworthia marginata**

viridiflora Reynolds
Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–1.5 m. Alt 1650–2400 m. N

viscosa L. = **Haworthia viscosa**

vogtsii Reynolds = **A. swynnertonii**

vossii Reynolds
Perennial. Herb, succulent. Ht 0.4–0.5 m. Alt 1220–1750 m. LIM

vryheidensis Groenew.
A. dolomitica Groenew. (87)
Perennial. Shrub, succulent. Ht 1–2 m. Alt 850–1800 m. LIM, M, KZN

wickensii Pole Evans var. *lutea* Reynolds = **A. cryptopoda**

wickensii Pole Evans var. *wickensii* = **A. cryptopoda**

woolliana Pole Evans = **A. chortolirioides** var. **woolliana**

xanthacantha Willd. = **A. perfoliata**

zebrina Baker
A. ammophila Reynolds (87)
A. angustifolia Groenew. (87)
A. bamangwatensis Schönland (87)
A. baumii Engl. & Gilg (87)
A. constricta Baker (87)
A. komatiensis Reynolds (87)
A. laxissima Reynolds (87)
A. lettyae Reynolds (87)
A. lugardiana Baker (87)
A. platyphylla Baker (87)
A. transvaalensis Kuntze (87)
A. vandermerwei Reynolds (87)
Perennial. Herb, succulent. Ht 0.2–1.7 m. Alt 250–1850 m. N, B, LIM, NW, G, M, S

zeyheri Salm-Dyck = **Gasteria bicolor** var. **bicolor**

APICRA Willd. 1028000

aspera (Haw.) Willd., misapplied name = **Astroloba corrugata**

bicarinata Haw. = **×Astroworthia bicarinata**

bullulata (Jacq.) Willd. = **Astroloba bullulata**

congesta (Salm-Dyck) Baker = **Astroloba congesta**

egregia Poelln. = **Astroloba bullulata**

fasciata Willd. = **Haworthia fasciata**

foliolosa (Haw.) Willd. = **Astroloba foliolosa**

granata Willd. = **Haworthia minima** var. **minima**

jacobseniana Poelln. = **Astroloba rubriflora**

nigra Haw. = **Haworthia nigra** var. **nigra**

pentagona (Aiton) Willd. var. *bullulata* (Jacq.) Baker = **Astroloba bullulata**

pentagona (Aiton) Willd. var. *torulosa* Haw. = **Astroloba spiralis**

rubriflora L.Bolus = **Astroloba rubriflora**

spiralis (L.) Baker = **Astroloba spiralis**

ASTROLOBA Uitewaal 1028010

Compiled by N.L. Meyer & G.F. Smith

(1) Uitewaal. 1947. *Succulenta* 5: 53, 54.
(2) Uitewaal. 1948. *Desert Plant Life* 20: 37–39.
(3) Parr. 1971. *Bulletin of the African Succulent Plant Society* 6: 145–150.
(4) Parr. 1972. *Bulletin of the African Succulent Plant Society* 7: 195–197.
(5) Smith. 1995. *Bothalia* 25: 35, 36.
(6) Smith *et al*. 1995. *Flowering Plants of Africa* 54: 94–98, t. 2119.
(7) Meyer & Smith. 1998. *Bothalia* 28: 61, 62.
(8) Glen & Hardy. 2000. *FSA* 5: 1–167.
(9) Manning & Smith. 2000. *Bothalia* 30: 53.
(10) Meyer & Smith. 2001. In Eggli, *Illustrated handbook of succulent plants. Monocotyledons*: 187–189.

aspera (Haw.) Uitewaal, misapplied name = **A. corrugata**

bicarinata (Haw.) Uitewaal = **×Astroworthia bicarinata**

bullulata (Jacq.) Uitewaal
Aloe bullulata Jacq. (1)
Apicra bullulata (Jacq.) Willd. (1)
Apicra egregia Poelln. (10)
Apicra pentagona (Aiton) Willd. var. *bullulata* (Jacq.) Baker (10)
A. egregia (Poelln.) Uitewaal var. *fardeniana* Uitewaal (10)
Haworthia bullulata (Jacq.) Parr (9)
Haworthia egregia (Poelln.) Parr var. *egregia* (Poelln.) Parr (10)
Haworthia egregia (Poelln.) Parr var. *fardeniana* (Uitewaal) Parr (10)
Perennial. Succulent. Ht up to 0.3 m, 0.45–0.6 m when in flower. Alt 500–1800 m. NC, WC

congesta (Salm-Dyck) Uitewaal
Aloe congesta Salm-Dyck (10)
Apicra congesta (Salm-Dyck) Baker (10)
A. deltoidea (Hook.f.) Uitewaal (10)
A. deltoidea (Hook.f.) Uitewaal var. *intermedia* (A.Berger) Uitewaal (10)
A. turgida (Baker) H.Jacobsen, invalid name (10)
Haworthia congesta (Salm-Dyck) Parr (10)
Haworthia shieldsiana Parr, invalid name (10)
Perennial. Succulent. Ht up to 0.3 m, up to 0.6 m when in flower. Alt 500–900 m. EC

corrugata N.L.Mey. & G.F.Sm.
Aloe aspera in sense of Salm-Dyck (1817), not of Salm-Dyck (1840), illegitimate name (7)
Apicra aspera (Haw.) Willd., misapplied name (7)
A. aspera (Haw.) Uitewaal, misapplied name (7)
A. muricata L.E.Groen, invalid name (7)
A. rugosa Roberts Reinecke, invalid name (7)
Haworthia aspera (Salm-Dyck) Parr, illegitimate name (7)
Perennial. Succulent. Ht up to 0.6 m, up to 1.05 m when in flower. Alt 500–1300 m. WC

deltoidea (Hook.f.) Uitewaal = **A. congesta**

deltoidea (Hook.f.) Uitewaal var. *intermedia* (A.Berger) Uitewaal = **A. congesta**

dodsoniana Uitewaal = **A. herrei**

egregia (Poelln.) Uitewaal var. *fardeniana* Uitewaal = **A. bullulata**

foliolosa (Haw.) Uitewaal
Aloe foliolosa Haw. (1)
Apicra foliolosa (Haw.) Willd. (10)
A. spiralis (L.) Uitewaal subsp. *foliolosa* (Haw.) L.E.Groen (10)
Haworthia foliolosa (Haw.) Haw. (10)
Perennial. Succulent. Ht up to 0.3 m, 0.35–0.6 m when in flower. Alt 100–1500 m. EC

herrei Uitewaal
A. dodsoniana Uitewaal (10)
Haworthia dodsoniana (Uitewaal) Parr (10)
Haworthia harlandiana Parr (10)
Perennial. Succulent. Ht up to 0.3 m, 0.4–0.6 m when in flower. Alt 600–1200 m. WC

muricata L.E.Groen, invalid name = **A. corrugata**

pentagona (Aiton) Uitewaal = **A. spiralis**

rubriflora (L.Bolus) G.F.Sm. & J.C.Manning
Aloe rubriflora (L.Bolus) G.D.Rowley (5)
Apicra jacobseniana Poelln. (5)
Apicra rubriflora L.Bolus (5)
Haworthia rubriflora (L.Bolus) Parr (5)
Haworthia rubriflora (L.Bolus) Parr var. *jacobseniana* (Poelln.) Parr, invalid combination (5)
Poellnitzia rubriflora (L.Bolus) Uitewaal (9)
Poellnitzia rubriflora (L.Bolus) Uitewaal var. *jacobseniana* (Poelln.) Uitewaal (5)
Perennial. Succulent. Ht up to 0.3 m, up to 0.5 m when in flower. Alt 400–800 m. WC

rugosa Roberts Reinecke, invalid name = **A. corrugata**

skinneri (A.Berger) Uitewaal = **×Astroworthia bicarinata**

spiralis (L.) Uitewaal
Aloe spiralis Haw., illegitimate name (10)
Aloe spiralis L. (10)
Apicra pentagona (Aiton) Willd. var. *torulosa* Haw. (10)
Apicra spiralis (L.) Baker (10)
A. pentagona (Aiton) Uitewaal (10)
Haworthia gweneana Parr, invalid name (10)
Haworthia spiralis (L.) Duval (10)
Haworthia spirella Haw. (10)
Perennial. Succulent. Ht up to 0.25 m, up to 0.75 m when in flower. Alt 400–800 m. WC, EC

spiralis (L.) Uitewaal subsp. *foliolosa* (Haw.) L.E.Groen = **A. foliolosa**

turgida (Baker) H.Jacobsen, invalid name = **A. congesta**

×ASTROWORTHIA G.D.Rowley 1028030

Compiled by N.L. Meyer & G.F. Smith

(1) Rowley. 1967. *National Cactus and Succulent Journal* 22,3: 74.
(2) Meyer & Smith. 2001. In Eggli, *Illustrated handbook of succulent plants. Monocotyledons*: 189.

×bicarinata (Haw.) G.D.Rowley
Aloe bicarinata (Haw.) Schult. & Schult.f. (2)
Apicra bicarinata Haw. (2)
Astroloba bicarinata (Haw.) Uitewaal (2)
Astroloba skinneri (A.Berger) Uitewaal (2)
Haworthia bicarinata (Haw.) Parr (2)
Haworthia olivettiana Parr (2)
Perennial. Succulent. Ht up to 0.15 m, 0.4–0.6 m when in flower. Alt ± 1200 m. WC

BULBINE Wolf 0985000

Compiled by G. Williamson

(1) Willdenow. 1809. *Enumeratio plantarum*: 372.
(2) Haworth. 1821. *Revisiones plantarum succulentarum*: 33
(3) Haworth. 1825. *Philosophical Magazine*: 31.
(4) Linnaeus & Sprengel. 1825. *Systema vegetabilium* 2: 86.
(5) Baker. 1876. *Journal of the Linnean Society of Botany* 15: 341–399.
(6) Baker. 1896. *FC* 6: 359–367.
(7) Schlechter. 1898. *Journal of Botany London* 36: 27.
(8) Schinz. 1902. *Bulletin de l'Herbier Boissier* 2: 938–940.
(9) Baker. 1903. *Bulletin de l'Herbier Boissier* 2: 790.
(10) Brown. 1908. *Kew Bulletin* 1908: 409.
(11) Phillips. 1917. *Annals of the South African Museum* 9: 352.
(12) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 217.
(13) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 377.
(14) Brown. 1931. *Kew Bulletin* 1931: 195, 196.
(15) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 275.
(16) Dinter. 1931. *Repertorium specierum novarum regni vegetabilis* 29: 271, 272.
(17) Letty. 1933. *The Flowering Plants of South Africa* 13: t. 489.
(18) Straub. 1938. *Berichte Deutschen Botanischen Gesellschaft* 66,9: 406–424.
(19) Poellnitz. 1943. *Feddes Repertorium* 52: 111–114.
(20) Poellnitz. 1943. *Boletim da Sociedade Broteriana* 17: 153–158.
(21) Poellnitz. 1944. *Feddes Repertorium* 53: 37–52.
(22) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1019.
(23) Verdoorn. 1948. *The Flowering Plants of Africa* 27: t. 1044.
(24) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1350.
(25) Nordenstam. 1964. *Botaniska Notiser* 117,2: 183–187.
(26) Obermeyer. 1967. *Bothalia* 9,2: 342–344.
(27) Merxmüller. 1970. *FSWA* 147: 33, 34.
(28) Obermeyer. 1976. *Bothalia* 12,3: 364, 372.
(29) Baijnath. 1977. *Taxonomic studies in the genus* Bulbine *Wolf, s.l.* Ph.D. (Botany) thesis, University of Reading.
(30) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 282.
(31) Hall. 1984. *South African Journal of Botany* 3,6: 356–358.

(32) Baijnath. 1987. *South African Journal of Botany* 53,6: 427–430.
(33) Van Jaarsveld & Baijnath. 1987. *South African Journal of Botany* 53,6: 424–426.
(34) Wijnands. 1991. *Bothalia* 21,2: 157.
(35) Williamson & Baijnath. 1995. *South African Journal of Botany* 61: 312–318.
(36) Williamson. 1995. *Aloe* 32,3 & 4: 80–83.
(37) Kativu. 1996. *Kirkia* 16: 41–51.
(38) Williamson. 1996. *Bradleya* 14: 84–86.
(39) Williamson. 1996. *Haseltonia* 4: 13–26.
(40) Williamson. 1997. *Aloe* 34,3 & 4: 70–73.
(41) Hammer. 1998. *Cactus & Co.* 11,4: 6.
(42) Williamson. 1999. *Aloe* 36,1: 14, 15.
(43) Williamson & Baijnath. 1999. *Aloe* 36,2 & 3: 28–30.
(44) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36,4: 71–74.
(45) Goldblatt & Manning 2000. *Strelitzia* 9: 67, 68.
(46) Williamson. 2000. *Bradleya* 18: 31–40.
(47) Williamson. 2001. *Aloe* 38,1 & 2: 28.
(48) Van Jaarsveld. 2001. *Haseltonia* 8: 37–41.

abyssinica A.Rich.
Anthericum asphodeloides of author, not of L. (37)
B. asphodeloides (L.) Spreng. var. *filifoliodes* De Wild. (37)
B. asphodeloides (L.) Spreng. var. *monticola* Poelln. (37)
B. asphodeloides of author, not of (L.) Schult. (37)
B. decurvata Peter ex Poelln. (37)
B. hamata Peter ex Poelln. (37)
B. huilensis Poelln. (37)
B. latitepala Poelln. (37)
B. xanthobotrys Engl. & Gilg (37)
Perennial. Herb, geophyte, succulent. Ht 0.16–0.91 m. Alt 250–2000 m. B, LIM, NW, G, S, FS, KZN, L, NC, WC, EC

alba Van Jaarsv.
Perennial. Herb, geophyte, succulent. Ht up to 200 mm. Alt? WC

alooides (L.) Willd.
Anthericum aloifolium Salisb. (29)
Anthericum alooides L. (29)
B. macrophylla Salm-Dyck (29)
B. platyphylla Baker (29)
Perennial. Herb, geophyte, succulent. Ht 350–500 mm. Alt 10–2155 m. LIM, G, KZN, WC, EC

angustifolia Poelln.
B. tortifolia l.Verd. (29)
Perennial. Herb, geophyte, succulent. Ht 500–650 mm. Alt 850–1525 m. N, LIM, G, S, FS

annua (L.) Willd.
Anthericum annuum L. (29)
Annual. Herb, geophyte, succulent. Ht 250–400 mm. Alt 15–775 m. NC, WC

asphodeloides (L.) Spreng. var. *denticulifera* Poelln. = **B. lagopus**

asphodeloides (L.) Spreng. var. *filifoliodes* De Wild. = **B. abyssinica**

asphodeloides (L.) Spreng. var. *monticola* Poelln. = **B. abyssinica**

asphodeloides (L.) Spreng. var. *otaviensis* Poelln. = **B. capitata**

asphodeloides (L.) Spreng.
Anthericum altissimum Mill. (37)
Anthericum asphodeloides L. (29)
Anthericum longiscapum Jacq. (37)
Anthericum succulentum Salisb. (37)
B. crocea L.Guthrie (37)
B. dielsii Poelln. (37)
B. mettinghi Ten. (37)
B. pallida Baker (37)
Phalangium asphodeloides Kuntze (37)
Perennial. Herb, geophyte, succulent. Ht 400–420 mm. Alt 3–2310 m. LIM, NW, G, S, FS, KZN, NC, EC

asphodeloides of author, not of (L.) Schult. = **B. abyssinica**

bachmanii Baker = **B. nutans**

bachmanniana Schinz = **B. nutans**

bisulcata Haw. = **B. cepacea**

brevifolia (Thunb.) Roem. & Schult.f. = **Caesia contorta**

brunsvigiaefolia Baker = **B. latifolia**

bruynsii S.A.Hammer
Perennial. Herb, geophyte, succulent. Ht 260–320 mm. Alt ?–600 m. WC

caespitosa Baker = **B. lagopus**

canaliculata G.Will., not of (Aiton) Spreng. = **B. erectipilosa**

capitata Poelln.
B. asphodeloides (L.) Spreng. var. *otaviensis* Poelln. (37)
B. lydenburgenis Poelln. (37)
B. otaviensis (Poelln.) Sölch (37)
B. stenophylla l.Verd. (37)
Perennial. Herb, geophyte, succulent. Ht 220–420 mm. Alt 230–1850 m. N, B, LIM, G, M, S, FS, KZN

caput-medusae G.Will.
Perennial. Herb, geophyte, succulent. Ht 150–220 mm. Alt 500–1500 m. N

cataphyllata Poelln. = **B. cepacea**

cauda-felis (L.f.) Schult. & Schult.f. = **Bulbinella caudafelis**

caulescens L. = **B. frutescens**

cepacea (Burm.f.) Wijnands
Anthericum bisulcata Haw. (29)
Anthericum latifolium Jaeq. (29)
Anthericum pugioniforme Jacq. (29)
B. bisulcata Haw. (29)
B. cataphyllata Poelln. (29)
B. inexpecta Poelln. (29)
B. parviflora Baker (29)
B. pugioniformis (Jacq.) Link (34)
B. tuberosa (Mill.) Oberm. (34)
Ornithogalum cepaceum Burm.f. (34)
Ornithogalum tuberosum Mill. (34)
Perennial. Herb, geophyte, succulent. Ht 200–450 mm. Alt 220–550 m. WC

circinata Schltr. ex Poelln. = **B. torta**

circinata Schltr. ex Poelln. var. *minor* Poelln. = **B. torta**

coetzeei Oberm.
Perennial. Geophyte, succulent. Ht 150–760 mm. Alt 1240–2015 m. M, S, KZN

cremmophila Van Jaarsv.
Perennial. Herb, geophyte, succulent. Ht 220–450 mm. Alt? EC

crispa (Thunb.) Roem. & Schult. = **Chlorophytum crispum**

crocea L.Guthrie = **B. asphodeloides**

decurvata Peter ex Poelln. = **B. abyssinica**

densiflora Baker = **B. narcissifolia**

dielsii Poelln. = **B. asphodeloides**

diphylla Schltr. ex Poelln.
Perennial. Herb, geophyte, succulent. Ht 80–150 mm. Alt 100–650 m. NC, WC

disimilis G.Will.
Perennial. Herb, geophyte, succulent. Ht 180–240 mm. Alt ± 800 m. NC

dubia Schult. & Schult.f. = **B. favosa**

ensifolia Baker = **B. latifolia**

erectipilosa G.Will.
B. canaliculata G.Will., not of (Aiton) Spreng. (47)
Perennial. Herb, geophyte, succulent. Ht 150–220 mm. Alt ± 300 m. EC

esterhuyseniae Baijnath
Perennial. Herb, geophyte, succulent. Ht 40–50 mm. Alt 500–1000 m. WC

fallax Poelln.
Perennial. Herb, geophyte, succulent. Ht 60–200 mm. Alt 200–600 m. WC

favosa (Thunb.) Schult. & Schult.f.
Anthericum favosum Thunb. (37)
B. dubia Schult. & Schult.f. (45)
B. filifolia Baker (37)
B. mayori Beauverd (37)
B. rigidula Schltr. ex Poelln. (37)
B. setifera Poelln. (37)
B. trichophylla Baker (37)
Perennial. Herb, geophyte, succulent. Ht 100–400 mm. Alt 50–2000 m. NW, G, L, WC, EC

filifolia Baker = **B. favosa**

flexicaulis Baker
B. inops N.E.Br. (29)
Perennial. Herb, geophyte, succulent. Ht 100–420 mm. Alt 100–715 m. WC

flexuosa Schltr.
Perennial. Herb, geophyte, succulent. Ht 100–200 mm. Alt 90–800 m. NC, WC

foleyi E.Phillips
Perennial. Herb, geophyte, succulent. Ht 180–300 mm. Alt 770–1232 m. WC

fragilis G.Will.
Perennial. Herb, geophyte, succulent. Ht 120–220 mm. Alt ± 650 m. NC

francescae G.Will. & Baijnath
Perennial. Herb, geophyte, succulent. Ht 100–120 mm. Alt ± 600 m. N

frutescens (L.) Willd.
Anthericum frutescens L. (29)
Anthericum fruticosum Salisb. (29)
Anthericum incurvum Thunb. (29)
Anthericum rostratum Jacq. (29)
B. caulescens L. (29)
B. rostrata Willd. (29)
B. triebneri Dinter (29)
Perennial. Dwarf shrub, succulent. Ht 300–800 mm. Alt 5–2285 m. N, G, S, FS, KZN, L, NC, WC, EC

graminea Haw. = **B. lagopus**

hallii G.Will.
Perennial. Herb, geophyte, succulent. Ht 150–220 mm. Alt 800–1000 m. NC

hamata Peter ex Poelln. = **B. abyssinica**

hantamensis Poelln. = **B. succulenta**

haworthioides B.Nord.
Perennial. Herb, geophyte, succulent. Ht 110–360 mm. Alt 100–615 m. WC

huilensis Poelln. = **B. abyssinica**

inexpecta Poelln. = **B. cepacea**

inflata Oberm.
Perennial. Herb, geophyte, succulent. Ht 490–600 mm. Alt 220–1705 m. G, S, KZN

inops N.E.Br. = **B. flexicaulis**

lagopus (Thunb.) N.E.Br.
Anthericum lagopus Thunb. (29)
B. asphodeloides (L.) Spreng. var. *denticulifera* Poelln. (29)
B. caespitosa Baker (29)
B. graminea Haw. (29)
Perennial. Herb, geophyte, succulent. Ht 150–450 mm. Alt 15–1080 m. KZN, L, WC

lamprophylla G.Will.
Perennial. Herb, geophyte, succulent. Ht 40–120 mm. Alt 600–800 m. NC

latibracteata Poelln. = **B. narcissifolia**

latifolia (L.f.) Schult. & Schult.f.
Anthericum latifolium L.f. (37)
B. brunsvigiaefolia Baker (37)
B. ensifolia Baker (37)
B. natalensis Baker (37)
B. transvaalensis Baker (37)
Perennial. Herb, geophyte, succulent. Ht 250–910 mm. Alt 35–1405 m. G, KZN, WC, EC

latitepala Poelln. = **B. abyssinica**

lavrani G.Will. & Baijnath
Perennial. Herb, geophyte. succulent. Ht 120–150 mm. Alt ± 350 m. WC

laxiflora Baker = **B. praemorsa**

longifolia Schinz
Perennial. Herb, geophyte, succulent. Ht 150–200 mm. Alt 100–1220 m. WC

louwii L.I.Hall
Perennial. Herb, geophyte, succulent. Ht 140–170 mm. Alt ± 200 m. WC

lydenburgenis Poelln. = **B. capitata**

macrophylla Salm-Dyck = **B. alooides**

mallyana Schltr. ex Poelln. = **B. torta**

margarethae L.I.Hall
Perennial. Herb, geophyte, succulent. Ht 140–200 mm. Alt ± 200 m. WC

mayori Beauverd = **B. favosa**

mesembryanthoides Haw. subsp. **mesembryanthoides**
B. orchioides Drège ex Poelln. (29)
Perennial. Herb, geophyte, succulent. Ht 80–200 mm. Alt 125–1395 m. WC, EC

mesembryanthoides Haw. subsp. **namaquensis** G.Will.
Perennial. Herb, geophyte, succulent. Ht 50–80 mm. Alt 200–800 m. NC

mettinghi Ten. = **B. asphodeloides**

minima Baker
Perennial. Herb, geophyte, succulent. Ht 50–130 mm. Alt 50–1430 m. WC

monophylla Poelln.
Perennial. Herb, geophyte, succulent. Ht 360–520 mm. Alt 240–800 m. WC

muscicola G.Will.
Perennial. Herb, geophyte, succulent. Ht 40–100 mm. Alt 150–200 m. WC

namaensis Schinz
B. vesicularis Dinter (27)
Perennial. Herb, geophyte, succulent. Ht 280–340 mm. Alt 400–1300 m. N, NC

narcissifolia Salm-Dyck
B. densiflora Baker (37)
B. latibracteata Poelln. (37)
Perennial. Herb, geophyte, succulent. Ht 240–600 mm. Alt 15–2920 m. B, G, FS, L, EC

natalensis Baker = **B. latifolia**

nutans (Jacq.) Spreng.
Anthericum nutans Jacq. (29)
B. bachmanii Baker (29)
B. bachmanniana Schinz (29)
Perennial. Herb, geophyte, succulent. Ht 530–700 mm. Alt 538–1080 m. WC

orchioides Drège ex Poelln. = **B. mesembryanthoides** subsp. **mesembryanthoides**

otaviensis (Poelln.) Sölch = **B. capitata**

pallida Baker = **B. asphodeloides**

parviflora Baker = **B. cepacea**

pendens G.Will. & Baijnath
Perennial. Herb, geophyte, succulent. Ht 70–110 mm. Alt 300–600 m. NC

platyphylla Baker = **B. alooides**

praemorsa (Jacq.) Spreng.
Anthericum alooides Thunb., not of L. (29)
Anthericum praemorsum Jacq. (29)
B. laxiflora Baker (29)
B. tetraphylla Dinter (29)
B. urgineoides Baker (29)
B. zeyheri Baker (29)
Perennial. Herb, geophyte, succulent. Ht 300–800 mm. Alt 155–650 m. M, NC, WC

pugioniformis (Jacq.) Link = **B. cepacea**

quartzicola G.Will.
Perennial. Herb, geophyte, succulent. Ht 70–200 mm. Alt ± 600 m. NC

rhopalophylla Dinter
Perennial. Herb, geophyte, succulent. Ht 110–180 mm. Alt 30–600 m. N, NC

rigidula Schltr. ex Poelln. = **B. favosa**

rostrata Willd. = **B. frutescens**

rupicola G.Will.
Perennial. Herb, geophyte, succulent. Ht 200–280 mm. Alt 600–800 m. EC

sedifolia Schltr. ex Poelln.
Perennial. Herb, succulent. Ht 140–180 mm. Alt 615–925 m. NC, WC

setifera Poelln. = **B. favosa**

stenophylla I.Verd. = **B. capitata**

striata Baijnath & Van Jaarsv.
Perennial. Herb, geophyte, succulent. Ht 450–570 mm. Alt 900–1000 m. NC

succulenta Compton
B. hantamensis Poelln. (29)
Perennial. Herb, geophyte, succulent. Ht 100–250 mm. Alt 615–925 m. NC, WC

tetraphylla Dinter = **B. praemorsa**

torsiva G.Will.
Perennial. Herb, geophyte, succulent. Ht 90–260 mm. Alt 400–800 m. NC

torta N.E.Br.
B. circinata Schltr. ex Poelln. (29)
B. circinata Schltr. ex Poelln. var. *minor* Poelln. (29)
B. mallyana Schltr. ex Poelln. (29)
Perennial. Herb, geophyte, succulent. Ht 60–300 mm. Alt 230–1000 m. NC, WC

tortifolia I.Verd. = **B. angustifolia**

transvaalensis Baker = **B. latifolia**

trichophylla Baker = **B. favosa**

triebneri Dinter = **B. frutescens**

triquetra (L.f.) Schult. & Schult.f. = **Bulbinella triquetra**

truncata G.Will.
Perennial. Herb, geophyte, succulent. Ht 160–180 mm. Alt 400–600 m. NC

tuberosa (Mill.) Oberm. = **B. cepacea**

undulata G.Will.
Perennial. Herb, geophyte, succulent. Ht? Alt? WC

urgineoides Baker = **B. praemorsa**

vesicularis Dinter = **B. namaensis**

vitrea G.Will. & Baijnath
Perennial. Herb, geophyte, succulent. Ht 60–120 mm. Alt 200–380 m. NC

vittatifolia G.Will.
Perennial. Herb, geophyte, succulent. Ht 200–300 mm. Alt 800–1000 m. NC

wiesei L.I.Hall
Perennial. Herb, geophyte, succulent. Ht 80–140 mm. Alt ± 200 m. WC

xanthobotrys Engl. & Gilg = **B. abyssinica**

zeyheri Baker = **B. praemorsa**

BULBINELLA Kunth 0984000

Compiled by C. Archer

(1) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: t. 930.
(2) Perry. 1999. *Strelitzia* 8: 1–78.

aitonii (Baker) T.Durand & Schinz = **Trachyandra filiformis**

barkeriae P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 100–335 m. WC

brevifolia (Thunb.) Kunth = **Caesia contorta**

burkei (Baker) Benth. & Hook.f. = **Trachyandra burkei**

capillaris (Poir.) Kunth = **B. triquetra**

carnosum (Baker) Baker = **Ornithogalum paludosum**

cauda-felis (L.f.) T.Durand & Schinz
Anthericum cauda-felis L.f. (2)
Anthericum caudatum Thunb. (2)
Bulbine cauda-felis (L.f.) Schult. & Schult.f. (2)
B. caudata (Thunb.) Kunth (2)
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 100–2000 m. NC, WC

caudata (Thunb.) Kunth = **B. cauda-felis**

caudata (Thunb.) Kunth var. *ciliolata* (Kunth) Baker = **B. ciliolata**

chartacea P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 700–1100 m. WC

ciliolata Kunth
Anthericum ciliolatum (Kunth) Baker (2)
B. caudata (Thunb.) Kunth var. *ciliolata* (Kunth) Baker (2)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–640 m. NC

divaginata P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.45 m. Alt 140–760 m. NC, WC

eburniflora P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.75 m. Alt 670–795 m. NC

elata P.L.Perry
Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–530 m. NC, WC

elegans P.L.Perry
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 610–1000 m. NC, WC

filiformis (Aiton) Kunth = **Trachyandra filiformis**

floribunda (Aiton) T.Durand & Schinz (insufficiently known) (2)

gracilis Kunth
Anthericum gracile (Kunth) Baker (2)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 610–1000 m. NC, WC

graminifolia P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.65 m. Alt 550–1100 m. NC, WC

latifolia Kunth subsp. **denticulata** P.L.Perry
Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–900 m. WC

latifolia Kunth subsp. **doleritica** (P.L.Perry) P.L.Perry
B. latifolia Kunth var. *doleritica* P.L.Perry (2)
Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–760 m. NC

latifolia Kunth subsp. **latifolia**
B. latifolia Kunth var. *latifolia* (2)
B. robusta Kunth var. *latifolia* (Kunth) Baker (2)
Perennial. Herb, geophyte. Ht up to 1 m. Alt 1500–1525 m. NC

latifolia Kunth subsp. **toximontana** P.L.Perry
Perennial. Herb, geophyte. Ht up to 1 m. Alt 600–800 m. WC

latifolia Kunth var. *doleritica* P.L.Perry = **B. latifolia** subsp. **doleritica**

latifolia Kunth var. *latifolia* = **B. latifolia** subsp. **latifolia**

nana P.L.Perry
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt ?–1000 m. NC

nutans (Thunb.) T.Durand & Schinz subsp. **nutans**
Anthericum nutans Thunb. (2)
Anthericum setosum Schult. & Schult.f. (2)
B. nutans (Thunb.) T.Durand & Schinz var. *nutans* (2)
B. robusta Kunth, superfluous name (2)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 60–1700 m. NC, WC

nutans (Thunb.) T.Durand & Schinz subsp. **turfosicola** (P.L.Perry) P.L.Perry
B. nutans (Thunb.) T.Durand & Schinz var. *turfosicola* P.L.Perry (2)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 270–1200 m. NC, WC

nutans (Thunb.) T.Durand & Schinz var. *nutans* = **B. nutans** subsp. **nutans**

nutans (Thunb.) T.Durand & Schinz var. *turfosicola* P.L.Perry = **B. nutans** subsp. **turfosicola**

ornithogaloides Kunth = **Ornithogalum ornithogaloides**

peronata Kunth in part = **B. triquetra**

potbergensis P.L.Perry
Perennial. Herb, geophyte. Ht 0.37–0.55 m. Alt ?–120 m. WC

punctulata Zahlbr.
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 305–1370 m. WC

robusta Kunth, superfluous name = **B. nutans** subsp. **nutans**

robusta Kunth var. *latifolia* (Kunth) Baker = **B. latifolia** subsp. **latifolia**

setifolia Kunth = **B. triquetra**

squamea (L.f.) Kunth = **Trachyandra hispida**

trinervis (Baker) P.L.Perry
Anthericum triquetrum L.f. var. *trinervis* Baker (2)
B. triquetra (L.f.) Kunth var. *trinervis* Baker (2)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 45–500 m. WC, EC

triquetra (L.f.) Kunth
Anthericum capillare (Poir.) Schult. & Schult.f. (2)
Anthericum triquetrum L.f. (2)
Bulbine triquetra (L.f.) Schult. & Schult.f. (2)
B. capillaris (Poir.) Kunth (2)
B. peronata Kunth in part (2)
B. setifolia Kunth (2)
Phalangium capillare Poir. (2)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 30–1675 m. NC, WC

triquetra (L.f.) Kunth var. *trinervis* Baker = **B. trinervis**

CATEVALA Medik. 1029020

arborescens (Mill.) Medik. = **Aloe arborescens**

atroviridis Medik. = **Haworthia herbacea** var. **herbacea**

humilis (L.) Medik. = **Aloe humilis**

CHAMAEALOE A.Berger 1026020

africana (Haw.) A.Berger = **Aloe bowiea**

CHORTOLIRION A.Berger 1029010

Compiled by G.F. Smith

(1) Berger. 1908. *Das Pflanzenreich* 4, 38, III, II, Heft 33: 72–74.
(2) Dinter. 1914. *Neue und wenig bekannte Pflanzen Deutsch-Südwest-Afrikas unter besonderer Berücksichtigung der Succulenten*: 24.
(3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 932.
(4) Smith & Van Wyk. 1993. *Kew Bulletin* 48: 105–113.
(5) Smith. 1994. *Excelsa* 16: 143–152.
(6) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 48.
(7) Smith. 1995. *Bothalia* 25: 31–33.
(8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 577.

angolense (Baker) A.Berger
C. bergerianum Dinter (2)
C. stenophyllum (Baker) A.Berger (1)
C. subspicatum A.Berger (1)
C. tenuifolium (Engl.) A.Berger (1)
Hawortlua angolensis Baker (7)
Haworthia saundersiae Baker, naked name (7)
Haworthia stenophylla Baker (7)
Haworthia subspicata Baker (7)
Haworthia tenuifolia Engl. (7)

Perennial. Succulent, geophyte. Ht 50–150 mm, 300–400 mm when in flower. Alt 20–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

bergerianum Dinter = **C. angolense**

stenophyllum (Baker) A.Berger = **C. angolense**

subspicatum A.Berger = **C. angolense**

tenuifolium (Engl.) A.Berger = **C. angolense**

GASTERIA Duval 1027000

Compiled by E.J. van Jaarsveld

(1) Haworth. 1827. *Philosophical Magazine* 2: 344–361.
(2) Baker. 1896. *FC* 6: 286–307.
(3) Brown. 1923. *Bothalia* 1: 140.
(4) Phillips. 1928. *The Flowering Plants of South Africa* 8: tt. 284, 291.
(5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 360.
(6) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 665.
(7) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1501.
(8) Obermeyer. 1976. *The Flowering Plants of Africa* 43: t. 1701.
(9) Van Jaarsveld. 1987. *Cactus and Succulent Journal (U.S.)* 59: 170–174.
(10) Van Jaarsveld. 1990. *The Flowering Plants of Africa* 51: tt. 2013–2015.
(11) Van Jaarsveld. 1991. *Bradleya* 9: 100–104.
(12) Van Jaarsveld. 1992. *Aloe* 29: 1–30.
(13) Smith *et al.* 1994. *Bothalia* 24: 34.
(14) Van Jaarsveld & Weber. 1994. *Flowering Plants of Africa* 53: t. 2097.
(15) Van Jaarsveld. 1994. *Gasterias of South Africa.*
(16) Van Jaarsveld. 1994. *British Cactus and Succulent Journal* 2,12: 73, 74.
(17) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 342.
(18) Van Jaarsveld. 1998. *Cactus and Succulent Journal (U.S.)* 70: 65–71.
(19) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
(20) Glen & Hardy. 2000. *FSA* 5: 1–167.
(21) Van Jaarsveld & Van Wyk. 2001. *Cactus and Succulent Journal (U.S.)* 73: 2, 68–70.
(22) Van Jaarsveld 2001. *Cactus and Succulent Journal (U.S.)* 73: 3, 127–130.

acinacifolia (J.Jacq.) Haw.
Aloe acinacifolia J.Jacq. (20)
Aloe acinacifolia J.Jacq. var. *venusta* (Haw.) Salm-Dyck (15)
Aloe candidans (Haw.) Schult. & Schult.f. (20)
Aloe ensifolia (Haw.) Schult. & Schult.f. (20)
Aloe nitens (Haw.) Schult. & Schult.f. (20)
Aloe pluripuncta (Haw.) Schult. & Schult.f. (15)
Aloe venusta (Haw.) Schult. & Schult.f. (20)
G. acinacifolia (J.Jacq.) Haw. var. *ensifolia* (Haw.) Baker (15)
G. acinacifolia (J.Jacq.) Haw. var. *nitens* (Haw.) Baker (15)
G. acinacifolia (J.Jacq.) Haw. var. *pluripuncta* (Haw.) Baker (15)
G. acinacifolia (J.Jacq.) Haw. var. *venusta* (Haw.) Baker (15)
G. candicans Haw. (15)
G. fuscopunctata Baker (15)
G. huttoniae N.E.Br. (15)
G. inexpectata Poelln. (15)
G. lutzii Poelln. (15)
G. nitens Haw. (15)
G. pluripuncta Haw. (15)
G. venusta Haw. (15)
Perennial. Herb, succulent. Ht 0.25–0.75 m. Alt 5–50 m. EC

acinacifolia (J.Jacq.) Haw. var. *ensifolia* (Haw.) Baker = **G. acinacifolia**

acinacifolia (J.Jacq.) Haw. var. *nitens* (Haw.) Baker = **G. acinacifolia**

acinacifolia (J.Jacq.) Haw. var. *pluripuncta* (Haw.) Baker = **G. acinacifolia**

acinacifolia (J.Jacq.) Haw. var. *venusta* (Haw.) Baker = **G. acinacifolia**

angulata Haw. = **G. carinata** var. **carinata**

angulata (Willd.) Haw., not of Haw. = **G. carinata** var. **carinata**

angustianum Poelln. = **G. brachyphylla** var. **brachyphylla**

angustifolia (Aiton) C.-J.Duval = **G. disticha**

armstrongii Schönland = **G. nitida** var. **armstrongii**

batesiana G.D.Rowley var. **batesiana**
G. subverrucosa (Salm-Dyck) Haw. var. *marginata* of authors (15)
G. transvaalensis De Smet ex Baker (15)
Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 300–800 m. LIM, M, KZN

batesiana var. **dolomitica** Van Jaarsv. & Van Wyk
Perennial. Herb, succulent. Ht 0.02–0.1 m. Alt 500–600 m. M

baylissiana Rauh
Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt ?–300 m. EC

beckeri Schönland = **G. nitida** var. **nitida**

bicolor Haw. var. **bicolor**
Aloe bicolor (Haw.) Schult. & Schult.f. (20)
Aloe boureana Schult. & Schult.f. (20)
Aloe bowieana Salm-Dyck (20)
Aloe dictyodes Schult. & Schult.f. (20)
Aloe lingua Ker Gawl. (20)
Aloe maculata Thunb. (20)
Aloe maculata Thunb. var. *obliqua* Aiton (15)
Aloe obliqua Haw. (20)
Aloe obliqua Haw. var. *fallax* (Haw.) Schult. & Schult.f. (15)
Aloe planifolia Baker (15)
Aloe zeyheri Salm-Dyck (20)
G. biformis Poelln. (15)
G. caespitosa Poelln. (15)
G. chamaegigas Poelln. (15)
G. colubrina N.E.Br. (15)
G. herreana Poelln. (15)
G. kirsteana Poelln. (15)
G. longiana Poelln. (15)
G. longibracteata Poelln. (15)
G. maculata (Thunb.) Haw. (15)
G. maculata (Thunb.) Haw. var. *dregeana* A.Berger (15)
G. maculata (Thunb.) Haw. var. *fallax* Haw. (15)
G. marmorata Baker (15)
G. multiplex Poelln. (15)
G. obliqua (Haw.) Duval (15)
G. picta Haw. (15)
G. planifolia (Baker) Baker (15)
G. retata Haw. (15)
G. salmdyckiana Poelln. (15)
G. spiralis Baker (15)
G. spiralis Baker var. *tortulata* Baker (15)
G. variolosa Baker (15)
G. zeyheri (Salm-Dyck) Baker (15)
Perennial. Herb, succulent. Ht 0.08–0.22 m. Alt 18–610 m. EC

bicolor Haw. var. **liliputana** (Poelln.) Van Jaarsv.
G. liliputana Poelln. (15)
Perennial. Herb, succulent. Ht 0.02–0.1 m. Alt ?–1000 m. EC

biformis Poelln. = **G. bicolor** var. **bicolor**

bijliae Poelln. = **G. carinata** var. **carinata**

brachyphylla (Salm-Dyck) Van Jaarsv. var. **bayeri** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.02–0.05 m. Alt ?–1000 m. WC

brachyphylla (Salm-Dyck) Van Jaarsv. var. **brachyphylla**
Aloe brachyphylla Salm-Dyck (20)
Aloe formosa Schult. & Schult.f. (20)
Aloe nigricans Haw. var. *marmorata* Salm-Dyck (15)
G. angustianum Poelln. (15)
G. joubertii Poelln. (15)
G. nigricans (Haw.) Duval var. *marmorata* Haw. (15)
G. nigricans (Haw.) Duval var. *platyphylla* Baker (15)
G. triebneriana Poelln. (15)
G. vlaaktensis Poelln. (15)

Perennial. Herb, succulent. Ht 0.03–0.23 m. Alt ?–1000 m. WC

brevifolia Haw. (insufficiently known)
Perennial. Herb, succulent. Ht 0.8–0.15 m. Alt? WC

caespitosa Poelln. = **G. bicolor** var. **bicolor**

candicans Haw. = **G. acinacifolia**

carinata (Mill.) Duval var. **carinata**
Aloe angulata Willd. (20)
Aloe carinata Mill. (20)
Aloe carinata Mill. var. *laevior* Salm-Dyck (15)
Aloe carinata Mill. var. *subglabra* Haw. (15)
Aloe disticha L. in part (15)
Aloe excavata Willd. (15)
Aloe glabra (Haw.) Salm-Dyck (20)
Aloe laetepuncta (Haw.) Schult. & Schult.f. (20)
Aloe lingua Ker Gawl. var. *angulata* Haw. (15)
Aloe lingua Ker Gawl. var. *multifaria* Haw. (15)
Aloe obscura Willd. var. *truncata* Salm-Dyck (15)
Aloe pseudangulata Salm-Dyck (20)
Aloe subcarinata Haw. (20)
Aloe sulcata Salm-Dyck (20)
Aloe tristicha Medik. (20)
G. angulata Haw. (15)
G. angulata (Willd.) Haw., not of Haw. (15)
G. bijliae Poelln. (15)
G. carinata (Mill.) Duval var. *falcata* A.Berger (15)
G. carinata (Mill.) Duval var. *latifolia* A.Berger (15)
G. carinata (Mill.) Duval var. *parva* (Haw.) Baker (15)
G. carinata (Mill.) Duval var. *strigata* (Haw.) Baker (15)
G. excavata (Willd.) Haw. (15)
G. humilis Poelln. (15)
G. laetepuncta Haw. (15)
G. pallescens Baker (15)
G. parva Haw. (15)
G. parvifolia Baker (15)
G. patentissima Poelln. (15)
G. porphyrophylla Baker (15)
G. schweickerdtiana Poelln. (15)
G. strigata Haw. (15)
G. subcarinata (Salm-Dyck) Haw. (15)
G. sulcata (Salm-Dyck) Haw. (15)
Perennial. Herb, succulent. Ht 0.03–0.18 m. Alt 0–300 m. WC

carinata (Mill.) Duval var. *falcata* A.Berger = **G. carinata** var. **carinata**

carinata (Mill.) Duval var. **glabra** (Salm-Dyck) Van Jaarsv.
G. glabra (Salm-Dyck) Haw. (18)
Perennial. Herb, succulent. Ht 0.1–0.18 m. Alt ?–1000 m. WC

carinata (Mill.) Duval var. *latifolia* A.Berger = **G. carinata** var. **carinata**

carinata (Mill.) Duval var. *parva* (Haw.) Baker = **G. carinata** var. **carinata**

carinata (Mill.) Duval var. **retusa** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 0–1000 m. WC

carinata (Mill.) Duval var. *strigata* (Haw.) Baker = **G. carinata** var. **carinata**

carinata (Mill.) Duval var. **thunbergii** (N.E.Br.) Van Jaarsv.
Aloe disticha Thunb. (18)
G. thunbergii N.E.Br. (18)
Perennial. Herb, succulent. Ht 0.03–0.2 m. Alt 0–1000 m. WC

carinata (Mill.) Duval var. **verrucosa** (Mill.) Van Jaarsv.
Aloe carinata DC. (15)
Aloe disticha L. in part (20)
Aloe intermedia Haw. (20)
Aloe intermedia Haw. var. *asperrima* Salm-Dyck (15)
Aloe racemosa Lam. (20)
Aloe repens Schult. & Schult.f. (20)
Aloe scaberrima Salm-Dyck (20)
Aloe subverrucosa Salm-Dyck (20)
Aloe subverrucosa Salm-Dyck var. *grandipunctata* Salm-Dyck (15)
Aloe subverrucosa Salm-Dyck var. *parvipunctata* Salm-Dyck (15)
Aloe verrucosa Mill. (20)
Aloe verrucosa Mill. var. *latifolia* Salm-Dyck (15)
Aloe verrucosa Mill. var. *striata* Salm-Dyck (15)
Aloe verrucula Medik. (20)
G. intermedia (Haw.) Haw. (15)
G. intermedia (Haw.) Haw. var. *asperrima* (Salm-Dyck) Haw. (15)
G. intermedia (Haw.) Haw. var. *laevior* Haw. (15)
G. intermedia (Haw.) Haw. var. *longior* Haw. (15)
G. radulosa Baker (15)
G. repens Haw. (15)
G. subverrucosa (Salm-Dyck) Haw. (15)
G. subverrucosa (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) Haw. (15)
G. subverrucosa (Salm-Dyck) Haw. var. *marginata* Baker (15)
G. subverrucosa (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) Haw. (15)
G. verrucosa (Mill.) Duval (15)
G. verrucosa (Mill.) Duval var. *asperrima* (Salm-Dyck) Poelln. (15)
G. verrucosa (Mill.) Duval var. *intermedia* (Haw.) Baker (15)
G. verrucosa (Mill.) Duval var. *latifolia* (Salm-Dyck) Haw. (15)
G. verrucosa (Mill.) Duval var. *scaberrima* (Salm-Dyck) Baker (15)
G. verrucosa (Mill.) Duval var. *striata* (Salm-Dyck) Poelln. (15)
Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt ?–1000 m. WC

chamaegigas Poelln. = **G. bicolor** var. **bicolor**

colubrina N.E.Br. = **G. bicolor** var. **bicolor**

conspurcata (Salm-Dyck) Haw. = **G. disticha**

croucheri (Hook.f.) Baker
Aloe croucheri Hook.f. (20)
G. disticha (L.) Haw. var. *natalensis* Baker (15)
G. ensifolia Haw. (15)
Perennial. Herb, succulent. Ht 0.25–0.6 m. Alt 0–1000 m. KZN, EC

decipiens Haw. = **G. nitida** var. **nitida**

denticulata (Salm-Dyck) Haw. = **G. disticha**

dicta N.E.Br. (insufficiently known)
Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt? 'CP'

disticha (L.) Haw.
Aloe angustifolia (Aiton) Salm-Dyck (20)
Aloe conspurcata Salm-Dyck (20)
Aloe crassifolia (Haw.) Schult. & Schult.f. (20)
Aloe disticha (Haw.) Schult. & Schult.f. (20)
Aloe disticha L. in part (15)
Aloe lingua Ker Gawl. var. *angustifolia* Aiton (15, 20)
Aloe lingua Ker Gawl. var. *crassifolia* Aiton (15)
Aloe lingua Ker Gawl. var. *latifolia* Haw. (15)
Aloe lingua Ker Gawl. var. *longifolia* Haw. (15)
Aloe linguiformis Mill. (15)
Aloe longifolia Haw. (20)
Aloe mollis (Haw.) Schult. & Schult.f. (20)
Aloe nigricans Haw. (20)
Aloe nigricans Haw. var. *denticulata* Salm-Dyck (15)
Aloe obliqua Jacq. (20)
Aloe obscura Willd. (15)
Aloe obtusifolia Salm-Dyck (20)
G. angustifolia (Aiton) C.-J.Duval (15)
G. conspurcata (Salm-Dyck) Haw. (15)
G. denticulata (Salm-Dyck) Haw. (15)
G. disticha (L.) Haw. var. *angustifolia* (Aiton) Baker (15)
G. disticha (L.) Haw. var. *conspurcata* (Salm-Dyck) Baker (15)
G. disticha (L.) Haw. var. *major* Haw. (15)
G. disticha (L.) Haw. var. *minor* Baker (15)
G. disticha (L.) Haw. var. *minor* Haw. (15)
G. latifolia (Haw.) Haw. (20)
G. longifolia (Haw.) Duval (15)
G. mollis Haw. (15)
G. nigricans (Haw.) Duval (15)
G. nigricans (Haw.) Duval var. *crassifolia* (Aiton) Haw. (15)
G. obtusifolia (Salm-Dyck) Haw. (15)

Perennial. Herb, succulent. Ht 0.03–0.18 m. Alt ?–800 m. WC

disticha (L.) Haw. var. *angustifolia* (Aiton) Baker = **G. disticha**

disticha (L.) Haw. var. *conspurcata* (Salm-Dyck) Baker = **G. disticha**

disticha (L.) Haw. var. *major* Haw. = **G. disticha**

disticha (L.) Haw. var. *minor* Baker = **G. disticha**

disticha (L.) Haw. var. *minor* Haw. = **G. disticha**

disticha (L.) Haw. var. *natalensis* Baker = **G. croucheri**

ellaphieae Van Jaarsv.
Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt ?–1000 m. EC

elongata Baker (insufficiently known)
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? 'CP'

ensifolia Haw. = **G. croucheri**

ernesti-ruschi Dinter & Poelln. = **G. pillansii** var. **ernesti-ruschii**

excavata (Willd.) Haw. = **G. carinata** var. **carinata**

excelsa Baker
Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt 10–1400 m. EC

fuscopunctata Baker = **G. acinacifolia**

glabra (Salm-Dyck) Haw. = **G. carinata** var. **glabra**

glauca Van Jaarsv.
Perennial. Herb, succulent. Ht 0.05–0.07 m. Alt ?–1000 m. EC

glomerata Van Jaarsv.
Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt 500–700 m. EC

gracilis Baker (insufficiently known)
Perennial. Herb, succulent. Ht 0.08–0.1 m. Alt? KZN

herreana Poelln. = **G. bicolor** var. **bicolor**

humilis Poelln. = **G. carinata** var. **carinata**

huttoniae N.E.Br. = **G. acinacifolia**

inexpectata Poelln. = **G. acinacifolia**

intermedia (Haw.) Haw. = **G. carinata** var. **verrucosa**

intermedia (Haw.) Haw. var. *asperrima* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

intermedia (Haw.) Haw. var. *laevior* Haw. = **G. carinata** var. **verrucosa**

intermedia (Haw.) Haw. var. *longior* Haw. = **G. carinata** var. **verrucosa**

joubertii Poelln. = **G. brachyphylla** var. **brachyphylla**

kirsteana Poelln. = **G. bicolor** var. **bicolor**

laetepuncta Haw. = **G. carinata** var. **carinata**

latifolia (Haw.) Haw. = **G. disticha**

liliputana Poelln. = **G. bicolor** var. **liliputana**

loeriensis Poelln. (insufficiently known)
Perennial. Herb, succulent. Ht 0.16–0.2 m. Alt? EC

longiana Poelln. = **G. bicolor** var. **bicolor**

longibracteata Poelln. = **G. bicolor** var. **bicolor**

longifolia (Haw.) Duval = **G. disticha**

lutzii Poelln. = **G. acinacifolia**

maculata (Thunb.) Haw. = **G. bicolor** var. **bicolor**

maculata (Thunb.) Haw. var. *dregeana* A.Berger = **G. bicolor** var. **bicolor**

maculata (Thunb.) Haw. var. *fallax* Haw. = **G. bicolor** var. **bicolor**

marmorata Baker = **G. bicolor** var. **bicolor**

mollis Haw. = **G. disticha**

multiplex Poelln. = **G. bicolor** var. **bicolor**

neliana Poelln. = **G. pillansii** var. **pillansii**

nigricans (Haw.) Duval = **G. disticha**

nigricans (Haw.) Duval var. *crassifolia* (Aiton) Haw. = **G. disticha**

nigricans (Haw.) Duval var. *marmorata* Haw. = **G. brachyphylla** var. **brachyphylla**

nigricans (Haw.) Duval var. *platyphylla* Baker = **G. brachyphylla** var. **brachyphylla**

nitens Haw. = **G. acinacifolia**

nitida (Salm-Dyck) Haw. var. **armstrongii** (Schönland) Van Jaarsv.
G. armstrongii Schönland (15)
Perennial. Herb, succulent. Ht 0.06–0.2 m. Alt ?–1000 m. EC

nitida (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) A.Berger = **G. nitida** var. **nitida**

nitida (Salm-Dyck) Haw. var. **nitida**
Aloe decipiens (Haw.) Schult. & Schult.f. (20)
Aloe nitida Salm-Dyck (20)
Aloe nitida Salm-Dyck var. *grandipunctata* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *major* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *minor* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *obtusa* Salm-Dyck (20)
Aloe nitida Salm-Dyck var. *parvipunctata* Salm-Dyck (15)
Aloe obtusa (Salm-Dyck) Schult. & Schult.f. (20)
Aloe trigona Salm-Dyck (20)
Aloe trigona Salm-Dyck var. *obtusa* Salm-Dyck (15)
G. beckeri Schönland (15)
G. decipiens Haw. (15)
G. nitida (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) A.Berger (15)
G. nitida (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) A.Berger (15)
G. obtusa (Salm-Dyck) Haw. (15)
G. stayneri Poelln. (15)
Haworthia nigricans Haw. (15)
Perennial. Herb, succulent. Ht 0.06–0.2 m. Alt ?–1000 m. WC, EC

nitida (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) A.Berger = **G. nitida** var. **nitida**

obliqua (Haw.) Duval = **G. bicolor** var. **bicolor**

obtusa (Salm-Dyck) Haw. = **G. nitida** var. **nitida**

obtusifolia (Salm-Dyck) Haw. = **G. disticha**

pallescens Baker = **G. carinata** var. **carinata**

parva Haw. = **G. carinata** var. **carinata**

parvifolia Baker = **G. carinata** var. **carinata**

patentissima Poelln. = **G. carinata** var. **carinata**

pendulifolia Van Jaarsv.
Perennial, Herb, succulent. Ht 0.1–0.3 m. Alt 0–1000 m. KZN

picta Haw. = **G. bicolor** var. **bicolor**

pillansii Kensit var. **ernesti-ruschii** (Dinter & Poelln.) Van Jaarsv.
G. ernesti-ruschi Dinter & Poelln. (15)

Perennial. Herb, succulent. Ht 0.02–0.07 m. Alt ?–1000 m. N, NC

pillansii Kensit var. **pillansii**
G. neliana Poelln. (15)
Perennial. Herb, succulent. Ht 0.07–0.2 m. Alt 0–1000 m. NC

planifolia (Baker) Baker = **G. bicolor** var. **bicolor**

pluripuncta Haw. = **G. acinacifolia**

poellnitziana H.Jacobsen, without Latin description = **G. pulchra**

polita Van Jaarsv.
Perennial, Herb, succulent. Ht 0.06–0.12 m. Alt ?–1000 m. WC

porphyrophylla Baker = **G. carinata** var. **carinata**

prolifera Lem. (insufficiently known)
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt? WC

pseudonigricans (Salm-Dyck) Haw. (insufficiently known) = probably **G. carinata** var. **glabra**
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? WC

pulchra (Aiton) Haw.
Aloe maculata Ker Gawl., not of All. (20)
Aloe maculata Thunb. var. *pulchra* Aiton (20)
Aloe obliqua DC., not of Haw. (20)
Aloe pulchra (Aiton) Jacq. (20)
G. poellnitziana H.Jacobsen, without Latin description (15)
Perennial. Herb, succulent. Ht 0.2–0.36 m. Alt ?–305 m. EC

radulosa Baker = **G. carinata** var. **verrucosa**

rawlinsonii Oberm.
Perennial. Herb, succulent. Ht 0.1–1 m. Alt ?–1000 m. EC

repens Haw. = **G. carinata** var. **verrucosa**

retata Haw. = **G. bicolor** var. **bicolor**

salmdyckiana Poelln. = **G. bicolor** var. **bicolor**

schweickerdtiana Poelln. = **G. carinata** var. **carinata**

spiralis Baker = **G. bicolor** var. **bicolor**

spiralis Baker var. *tortulata* Baker = **G. bicolor** var. **bicolor**

stayneri Poelln. = **G. nitida** var. **nitida**

strigata Haw. = **G. carinata** var. **carinata**

subcarinata (Salm-Dyck) Haw. = **G. carinata** var. **carinata**

subverrucosa (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *marginata* Baker = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *marginata* of authors = **G. batesiana** var. **batesiana**

subverrucosa (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

sulcata (Salm-Dyck) Haw. = **G. carinata** var. **carinata**

thunbergii N.E.Br. = **G. carinata** var. **thunbergii**

transvaalensis De Smet ex Baker = **G. batesiana** var. **batesiana**

triebneriana Poelln. = **G. brachyphylla** var. **brachyphylla**

trigona Haw. (insufficiently known)
Aloe elongata Salm-Dyck (20)
Aloe trigona (Haw.) Schult. & Schult.f. (20)
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? 'CP'

variolosa Baker = **G. bicolor** var. **bicolor**

venusta Haw. = **G. acinacifolia**

verrucosa (Mill.) Duval = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *asperrima* (Salm-Dyck) Poelln. = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *intermedia* (Haw.) Baker = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *latifolia* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *scaberrima* (Salm-Dyck) Baker = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *striata* (Salm-Dyck) Poelln. = **G. carinata** var. **verrucosa**

vlaaktensis Poelln. = **G. brachyphylla** var. **brachyphylla**

vlokii Van Jaarsv.
Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 1300–1800 m. WC

zeyheri (Salm-Dyck) Baker = **G. bicolor** var. **bicolor**

HAWORTHIA Duval 1029000

Compiled by I. Breuer, E.M.A. Steyn & G.F. Smith

(1) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 880.
(2) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 989.
(3) Dyer. 1953. *The Flowering Plants of Africa* 29: tt. 1148, 1149.
(4) Bayer. 1976. Haworthia *handbook; a guide to the species, with identification keys and illustrations.*
(5) Bayer. 1982. *The new* Haworthia *handbook.*
(6) Smith. 1995. *Bothalia* 25: 31–33.
(7) Breuer. 1998. *The world of* Haworthia, Vol. 1.
(8) Bayer. 1999. Haworthia *revisited.*
(9) Breuer. 2000. *The world of* Haworthia, Vol. 2.
(10) Glen & Hardy. 2000. *FSA* 5: 1–167.
(11) Bayer & Van Jaarsveld. 2001. In Eggli, *Illustrated handbook of succulent plants: Monocotyledons*: 199–223.
(12) Hayashi. 2001. *Haworthiad* 15,1: 16–20.
(13) Battista. 2002. *Alsterworthia International* 2,2: 8–11.
(14) Hayashi. 2002. *Haworthia Study* 7: 14.

aegrota Poelln. = **H. herbacea** var. **herbacea**

agavoides Zantner & Poelln. = **H. sordida** var. **sordida**

agnis Battista
Perennial. Succulent. Ht ± 30 mm, 220–350 mm when in flower. Alt 120–200 m. WC

albanensis Schönland = **H. angustifolia** var. **angustifolia**

altilinea Haw. var. *limpida* forma *inconfluens* Poelln. = **H. mucronata** var. **inconfluens**

altilinea Haw. var. *morrisiae* Poelln. = **H. mucronata** var. **morrisiae**

angolensis Baker = **Chortolirion angolense**

angustifolia Haw. var. **altissima** M.B.Bayer
Perennial. Succulent. Ht ± 150 mm, ± 200 mm when in flower. Alt ± 600 m. EC

angustifolia Haw. var. **angustifolia**
Aloe stenophylla Schult. & Schult.f. (7)
H. albanensis Schönland (4)
H. angustifolia Haw. var. *grandis* G.G.Sm. (5)
Perennial. Succulent. Ht ± 100 mm, ± 200 mm when in flower. Alt 260–750 m. EC

angustifolia Haw. var. **baylissii** (C.L.Scott) M.B.Bayer
H. baylissii C.L.Scott (7)
Perennial. Succulent. Ht ± 40 mm, ± 100 mm when in flower. Alt ± 500 m. EC

angustifolia Haw. var. *denticulifera* Poelln. = **H. chloracantha** var. **denticulifera**

angustifolia Haw. var. *grandis* G.G.Sm. = **H. angustifolia** var. **angustifolia**

angustifolia Haw. var. *liliputana* Uitewaal = **H. chloracantha** var. **denticulifera**

angustifolia Haw. var. **paucifolia** G.G.Sm.
Perennial. Succulent. Ht ± 60 mm, ± 180 mm when in flower. Alt ± 500 m. EC

arachnoidea (L.) Duval var. **arachnoidea**
Aloe arachnoides Thunb. (8)
Aloe pumila L. var. *arachnoidea* L. (5)
H. arachnoidea (L.) Duval var. *minor* Haw. (5)
Perennial. Succulent. Ht 20–70 mm, ± 300 mm when in flower. Alt 425–1065 m. WC

arachnoidea (L.) Duval var. **aranea** (A.Berger) M.B.Bayer
H. bolusii Baker var. *aranea* A.Berger (8)
Perennial. Succulent. Ht 25–40 mm, ± 520 mm when in flower. Alt 500–1500 m. WC, EC

arachnoidea (L.) Duval var. *minor* Haw. = **H. arachnoidea** var. **arachnoidea**

arachnoidea (L.) Duval var. **namaquensis** M.B.Bayer
Perennial. Succulent. Ht 20–70 mm, ± 300 mm when in flower. Alt 500–1500 m. NC, WC

arachnoidea (L.) Duval var. **nigricans** (Haw.) M.B.Bayer
H. setata Haw. var. *nigricans* Haw. (7)
H. venteri Poelln. (8)
Perennial. Succulent. Ht 50–60 mm. Alt 500–1500 m. WC

arachnoidea (L.) Duval var. **scabrispina** M.B.Bayer
Perennial. Succulent. Ht 20–60 mm. Alt 500–1500 m. WC

arachnoidea (L.) Duval var. **setata** (Haw.) M.B.Bayer
Aloe setosa Schult. & Schult.f. (8)
H. gigas Poelln. (8)
H. setata Haw. (8)
H. setata Haw. var. *major* Haw. (8)
H. setata Haw. var. *media* Haw. (7)
Perennial. Succulent. Ht 25–33 mm, ± 300 mm when in flower. Alt 500–1500 m. WC, EC

arachnoidea (L.) Duval var. **xiphiophylla** (Baker) M.B.Bayer
H. longiaristata Poelln. (8)
H. xiphiophylla Baker (8)
Perennial. Succulent. Ht ± 40 mm, ± 250 mm when in flower. Alt 0–1500 m. EC

archeri W.F.Barker ex M.B.Bayer = **H. marumiana** var. **archeri**

archeri W.F.Barker ex M.B.Bayer var. *dimorpha* M.B.Bayer = **H. marumiana** var. **dimorpha**

aristata Haw.
H. denticulata Haw. (7)
H. setata Haw. var. *subinermis* Poelln. (7)
Perennial. Succulent. Ht 53–60 mm, ± 530 mm when in flower. Alt ± 500 m. EC

armstrongii Poelln. = **H. glauca** var. **herrei**

aspera (Salm-Dyck) Parr, illegitimate name = **Astroloba corrugata**

asperiuscula Haw. = **H. viscosa**

asperiuscula Haw. var. *patagiata* G.G.Sm. = **H. viscosa**

asperiuscula Haw. var. *subintegra* G.G.Sm. = **H. viscosa**

atrofusca G.G.Sm. = **H. magnifica** var. **atrofusca**

attenuata (Haw.) Haw. var. **attenuata**
Aloe attenuata Haw. (4)
H. attenuata (Haw.) Haw. var. *deltoidea* R.S.Farden (5)
H. attenuata (Haw.) Haw. var. *inusitata* R.S.Farden (5)
H. attenuata (Haw.) Haw. var. *linearis* R.S.Farden (5)
H. attenuata (Haw.) Haw. var. *minissima* R.S.Farden (5)
H. attenuata (Haw.) Haw. var. *odonoghueana* R.S.Farden (5)
H. attenuata (Haw.) Haw. var. *uitewaaliana* R.S.Farden (5)
H. britteniana Poelln. (7)
H. clariperla Haw. (7)
H. fasciata (Willd.) Haw. var. *caespitosa* A.Berger (5)
Perennial. Succulent. Ht 63–75 mm, ± 500 mm when in flower. Alt 0–1000 m. EC

attenuata (Haw.) Haw. var. *deltoidea* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *inusitata* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *linearis* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *minissima* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *odonoghueana* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. **radula** (Jacq.) M.B.Bayer
Aloe radula Jacq. (7)
Aloe subulata Salm-Dyck (7)
H. radula (Jacq.) Haw. var. *pluriperlata* Haw. (8)
Perennial. Succulent. Ht ± 50 mm, ± 300 mm when in flower. Alt ± 200 m. EC

attenuata (Haw.) Haw. var. *uitewaaliana* R.S.Farden = **H. attenuata** var. **attenuata**

badia Poelln. = **H. mirabilis** var. **badia**

batesiana Uitewaal = **H. marumiana** var. **batesiana**

batteniae C.L.Scott = **H. bolusii** var. **blackbeardiana**

bayeri J.D.Venter & S.A.Hammer
Perennial. Succulent. Ht ± 30 mm, ± 290 mm when in flower. Alt 500–1000 m. WC, EC

baylissii C.L.Scott = **H. angustifolia** var. **baylissii**

beanii G.G.Sm. = **H. viscosa**

beanii G.G.Sm. var. *minor* G.G.Sm. = **H. viscosa**

bicarinata (Haw.) Parr = ×**Astroworthia bicarinata**

bijliana Poelln. var. *joubertii* Poelln. = **H. mucronata** var. **inconfluens**

blackbeardiana Poelln. = **H. bolusii** var. **blackbeardiana**

blackbeardiana Poelln. var. *major* Poelln. = **H. bolusii** var. **blackbeardiana**

blackburniae W.F.Barker var. **blackburniae**
Perennial. Succulent. Ht 60–150 mm, ± 260 mm when in flower. Alt 500–795 m. WC

blackburniae W.F.Barker var. **derustensis** M.B.Bayer
Perennial. Succulent. Ht ± 450 mm. Alt ± 500 m. WC

blackburniae W.F.Barker var. **graminifolia** (G.G.Sm.) M.B.Bayer
H. graminifolia G.G.Sm. (8)
Perennial. Succulent. Ht ± 450 mm, ± 630 mm when in flower. Alt 500–1000 m. WC

bolusii Baker var. *aranea* A.Berger = **H. arachnoidea** var. **aranea**

bolusii Baker var. **blackbeardiana** (Poelln.) M.B.Bayer
H. batteniae C.L.Scott (5)
H. blackbeardiana Poelln. (5)
H. blackbeardiana Poelln. var. *major* Poelln. (5)
H. inermis Haw. (5)

Perennial. Succulent. Ht ± 45 mm, ± 340 mm when in flower. Alt 500–1000 m. FS, NC, EC

bolusii Baker var. **bolusii**
Perennial. Succulent. Ht ± 52 mm, ± 550 mm when in flower. Alt 800–1770 m. WC, EC

bolusii Baker var. *semiviva* Poelln. = **H. semiviva**

breueri M.Hayashi
Perennial. Succulent. Ht? Alt ± 1000 m. EC

brevis Haw. = **H. minima** var. **minima**

britteniana Poelln. = **H. attenuata** var. **attenuata**

bronkhorstii Hayashi
Perennial. Succulent. Ht? Alt 500–1000 m. EC

browniana Poelln. = **H. fasciata**

bruynsii M.B.Bayer
Perennial. Succulent. Ht 26–40 mm, ± 280 mm when in flower. Alt ± 800 m. EC

bullulata (Jacq.) Parr = **Astroloba bullulata**

caespitosa Poelln. = **H. turgida** var. **turgida**

caespitosa Poelln. forma *subplana* Poelln. = **H. turgida** var. **turgida**

caespitosa Poelln. forma *subproliferans* Poelln. = **H. turgida** var. **turgida**

carrissoi Resende = **H. glauca** var. **glauca**

chalwinii Marloth & A.Berger = **H. coarctata** var. **coarctata** forma **coarctata**

chloracantha Haw. var. **chloracantha**
Aloe chloracantha (Haw.) Schult. & Schult.f. (10)
Perennial. Succulent. Ht ± 20 mm, ± 210 mm when in flower. Alt 500–1000 m. WC

chloracantha Haw. var. **denticulifera** (Poelln.) M.B.Bayer
H. angustifolia Haw. var. *denticulifera* Poelln. (4)
H. angustifolia Haw. var. *liliputana* Uitewaal (4)
Perennial. Succulent. Ht ± 20 mm, ± 300 mm when in flower. Alt 0–500 m. WC

chloracantha Haw. var. **subglauca** Poelln.
Perennial. Succulent. Ht 25–38 mm, ± 300 mm when in flower. Alt 0–500 m. WC

clariperla Haw. = **H. attenuata** var. **attenuata**

coarctata Haw. var. **adelaidensis** (Poelln.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *adelaidensis* Poelln. (8)
H. reinwardtii (Salm-Dyck) Haw. var. *bellula* G.G.Sm. (8)
H. reinwardtii (Salm-Dyck) Haw. var. *riebeekensis* G.G.Sm. (8)
Perennial. Succulent. Ht 50–150 mm, ± 550 mm when in flower. Alt 0–500 m. EC

coarctata Haw. var. **coarctata** forma **coarctata**
Aloe coarctata (Haw.) Schult. & Schult.f. (10, 11)
H. chalwinii Marloth & A.Berger (4)
H. coarctata Haw. var. *haworthii* forma *major* Resende (8)
H. coarctata Haw. var. *krausii* Resende (8)
H. fallax Poelln. (4)
H. fulva G.G.Sm. (4)
H. greenii Baker var. *silvicola* G.G.Sm. (4)
H. musculina G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *committeesensis* G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *conspicua* Poelln. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *huntsdriftensis* G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *pseudocoarctata* Poelln. (4)
Perennial. Succulent. Ht ± 200 mm, ± 480 mm when in flower. Alt 800–1000 m. EC

coarctata Haw. var. **coarctata** forma **greenii** (Baker) M.B.Bayer
H. greenii Baker (8)
H. greenii Baker forma *minor* Resende (7)
H. peacockii Baker (8)
Perennial. Succulent. Ht ± 200 mm, ± 480 mm when in flower. Alt 0–500 m. EC

coarctata Haw. var. *haworthii* forma *major* Resende = **H. coarctata** var. **coarctata** forma **coarctata**

coarctata Haw. var. *krausii* Resende = **H. coarctata** var. **coarctata** forma **coarctata**

coarctata Haw. var. **tenuis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *tenuis* G.G.Sm. (8)
Perennial. Succulent. Ht ± 200 mm. Alt 0–500 m. EC

comptoniana G.G.Sm. = **H. emelyae** var. **comptoniana**

concava Haw. = **H. cymbiformis** var. **cymbiformis**

concinna Haw. = **H. viscosa**

congesta (Salm-Dyck) Parr = **Astroloba congesta**

cooperi Baker var. **cooperi**
H. vittata Baker (4)
Perennial. Succulent. Ht ± 45 mm, ± 330 mm when in flower. Alt 800–1000 m. EC

cooperi Baker var. **dielsiana** (Poelln.) M.B.Bayer
H. dielsiana Poelln. (8)
H. joeyae C.L.Scott (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 500–1500 m. EC

cooperi Baker var. **gordoniana** (Poelln.) M.B.Bayer
H. gordoniana Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 0–1500 m. EC

cooperi Baker var. **leightonii** (G.G.Sm.) M.B.Bayer
H. leightonii G.G.Sm. (4)
Perennial. Succulent. Ht ± 45 mm, ± 260 mm when in flower. Alt 0–500 m. EC

cooperi Baker var. **pilifera** (Baker) M.B.Bayer
H. pilifera Baker (8)
H. pilifera Baker var. *dielsiana* forma *acuminata* Poelln. (8)
H. stayneri Poelln. (8)
H. stayneri Poelln. var. *salina* Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt? EC

cooperi Baker var. **truncata** (H.Jacobsen) M.B.Bayer
H. obtusa Haw. var. *pilifera* forma *truncata* H.Jacobsen (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 1000–1500 m. EC

cooperi Baker var. **venusta** (C.L.Scott) M.B.Bayer
H. venusta C.L.Scott (8)
Perennial. Succulent. Ht ± 38 mm, ± 200 mm when in flower. Alt 0–500 m. EC

cordifolia Haw. = **H. viscosa**

correcta Poelln. = **H. emelyae** var. **emelyae**

crausii Hayashi
Perennial. Succulent. Ht ± 100–150 mm. Alt 1000–1500 m. NC

cymbiformis (Haw.) Duval var. *angustata* Poelln. = **H. cymbiformis** var. **cymbiformis**

cymbiformis (Haw.) Duval var. *angustata* forma *subarmata* Poelln. = **H. cymbiformis** var. **cymbiformis**

cymbiformis (Haw.) Duval var. *brevifolia* Poelln. = **H. cymbiformis** var. **transiens**

cymbiformis (Haw.) Duval var. *compacta* Triebner = **H. cymbiformis** var. **cymbiformis**

cymbiformis (Haw.) Duval var. **cymbiformis**
Aloe cymbaefolia Schrad. (8)
Aloe cymbiformis Haw. (4)

Aloe hebes Schult. & Schult.f. (7)
Aloe planifolia (Haw.) Schult. & Schult.f. (11)
H. concava Haw. (5)
H. cymbiformis (Haw.) Duval var. *angustata* Poelln. (5)
H. cymbiformis (Haw.) Duval var. *angustata* forma *subarmata* Poelln. (5)
H. cymbiformis (Haw.) Duval var. *compacta* Triebner (5)
H. lepida G.G.Sm. (4)
H. planifolia Haw. (4)
H. planifolia Haw. var. *exulata* Poelln. (4)
H. planifolia Haw. var. *incrassata* Poelln. (4)
H. planifolia Haw. var. *longifolia* forma *calochlora* Triebner & Poelln. (4)
H. planifolia Haw. var. *longifolia* Triebner & Poelln. (5)
H. planifolia Haw. var. *planifolia* forma *agavoides* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *alta* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *olivacea* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *robusta* Triebner & Poelln. (5)
H. planifolia Haw. var. *poellnitziana* Resende (7)
H. planifolia Haw. var. *sublaevis* Poelln. (4)
Perennial. Succulent. Ht 10–50 mm, ± 220 mm when in flower. Alt 0–915 m. EC

cymbiformis (Haw.) Duval var. **incurvula** (Poelln.) M.B.Bayer
H. incurvula Poelln. (4)
Perennial. Succulent. Ht ± 50 mm, ± 360 mm when in flower. Alt ± 500 m. EC

cymbiformis (Haw.) Duval var. *multifolia* Triebner = **H. cymbiformis** var. **transiens**

cymbiformis (Haw.) Duval var. *obesa* Poelln. = **H. cymbiformis** var. **setulifera**

cymbiformis (Haw.) Duval var. **obtusa** (Haw.) Baker
H. hilliana Poelln. (4)
H. obtusa Haw. (4)
H. umbraticola Poelln. (4)
Perennial. Succulent. Ht ± 25 mm, ± 133 mm when in flower. Alt 500–1500 m. EC

cymbiformis (Haw.) Duval var. **ramosa** (G.G.Sm.) M.B.Bayer
H. ramosa G.G.Sm. (8)
Perennial. Succulent. Ht ± 50 mm, ± 210 mm when in flower. Alt 0–500 m. EC

cymbiformis (Haw.) Duval var. **reddii** (C.L.Scott) M.B.Bayer
H. reddii C.L.Scott (8)
Perennial. Succulent. Ht ± 40 mm, ± 320 mm when in flower. Alt ± 900 m. EC

cymbiformis (Haw.) Duval var. **setulifera** (Poelln.) M.B.Bayer
H. cymbiformis (Haw.) Duval var. *obesa* Poelln. (8)
H. planifolia Haw. var. *setulifera* Poelln. (8)
Perennial. Succulent. Ht 50–55 mm. Alt 500–1500 m. EC

cymbiformis (Haw.) Duval var. **transiens** (Poelln.) M.B.Bayer
H. cymbiformis (Haw.) Duval var. *brevifolia* Poelln. (8)
H. cymbiformis (Haw.) Duval var. *multifolia* Triebner (8)
H. cymbiformis (Haw.) Duval var. *translucens* Triebner & Poelln. (5)
H. planifolia Haw. var. *transiens* Poelln. (4)
Perennial. Succulent. Ht 15–25 mm. Alt 0–1100 m. WC, EC

cymbiformis (Haw.) Duval var. *translucens* Triebner & Poelln. = **H. cymbiformis** var. **transiens**

decipiens Poelln. var. **cyanea** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1000 m. WC, EC

decipiens Poelln. var. **decipiens**
Perennial. Succulent. Ht 30–40 mm, ± 390 mm when in flower. Alt 500–1500 m. WC, EC

decipiens Poelln. var. **minor** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1500 m. EC

decipiens Poelln. var. **pringlei** C.L.Scott
H. pringlei C.L.Scott (8)
Perennial. Succulent. Ht ± 50 mm, 400–430 mm when in flower. Alt 500–1000 m. EC

dekenahii G.G.Sm. = **H. magnifica** var. **dekenahii**

dekenahii G.G.Sm. var. *argenteo-maculosa* G.G.Sm. = **H. pygmaea** var. **argenteo-maculosa**

denticulata Haw. = **H. aristata**

dielsiana Poelln. = **H. cooperi** var. **dielsiana**

distincta N.E.Br. = **H. venosa** subsp. **venosa**

divergens M.B.Bayer = **H. monticola** var. **monticola**

diversifolia Poelln. = **H. nigra** var. **diversifolia**

dodsoniana (Uitewaal) Parr = **Astroloba herrei**

egregia (Poelln.) Parr var. *egregia* (Poelln.) Parr = **Astroloba bullulata**

egregia (Poelln.) Parr var. *fardeniana* (Uitewaal) Parr = **Astroloba bullulata**

eilyae Poelln. = **H. glauca** var. **herrei**

eilyae Poelln. var. *zantneriana* Resende = **H. glauca** var. **herrei**

emelyae Poelln. var. *beukmannii* Poelln. = **H. mirabilis** var. **beukmannii**

emelyae Poelln. var. **comptoniana** (G.G.Sm.) J.D.Venter & S.A.Hammer
H. comptoniana G.G.Sm. (8)
Perennial. Succulent. Ht 0–16 mm, ± 220 mm when in flower. Alt 1000–1500 m. EC

emelyae Poelln. var. **emelyae**
H. correcta Poelln. (4)
H. picta Poelln. (4)
Perennial. Succulent. Ht 0–16 mm, ± 270 mm when in flower. Alt 500–1500 m. WC

emelyae Poelln. var. **major** (G.G.Sm.) M.B.Bayer
H. schuldtiana Poelln. var. *major* G.G.Sm. (8)
Perennial. Succulent. Ht ± 300 mm when in flower. Alt 1000–1500 m. WC

emelyae Poelln. var. **multifolia** M.B.Bayer
Perennial. Succulent. Ht ± 200 mm when in flower. Alt 500–1000 m. WC

engleri Dinter = **H. venosa** subsp. **tessellata**

enigma M.Hayashi
Perennial. Succulent. Ht? Alt 300–500 m. WC

erecta Haw. = **H. minima** var. **minima**

esterhuizenii M.Hayashi
Perennial. Succulent. Ht? Alt 300–500 m. WC

fallax Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**

fasciata (Willd.) Haw.
Aloe fasciata (Willd.) Haw. var. *major* Salm-Dyck (5)
Aloe fasciata (Willd.) Haw. var. *minor* Salm-Dyck (7)
Aloe subfasciata Salm-Dyck (7)
Apicra fasciata Willd. (4)
H. browniana Poelln. (8)
H. fasciata (Willd.) Haw. var. *fasciata* forma *ovato-lanceolata* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *sparsa* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *vanstadensis* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *variabilis* Poelln. (5)
H. fasciata (Willd.) Haw. var. *subconfluens* Poelln. (5)
H. subfasciata (Salm-Dyck) Baker (7)
Perennial. Succulent. Ht ± 140 mm, ± 520 mm when in flower. Alt 0–1000 m. EC

fasciata (Willd.) Haw. var. *caespitosa* A.Berger = **H. attenuata** var. **attenuata**

fasciata (Willd.) Haw. var. *fasciata* forma *ovato-lanceolata* Poelln. = **H. fasciata**

fasciata (Willd.) Haw. var. *fasciata* forma *sparsa* Poelln. = **H. fasciata**

fasciata (Willd.) Haw. var. *fasciata* forma *vanstadensis* Poelln. = **H. fasciata**

fasciata (Willd.) Haw. var. *fasciata* forma *variabilis* Poelln. = **H. fasciata**

fasciata (Willd.) Haw. var. *subconfluens* Poelln. = **H. fasciata**

floribunda Poelln. var. **dentata** M.B.Bayer
Perennial. Succulent. Ht ± 35 mm, ± 250 mm when in flower. Alt 0–500 m. WC

floribunda Poelln. var. **floribunda**
Perennial. Succulent. Ht ± 250 mm when in flower. Alt ± 500 m.WC

floribunda Poelln. var. **major** M.B.Bayer
Perennial. Succulent. Ht ± 300 mm when in flower. Alt ± 500 m. WC

foliolosa (Haw.) Haw. = **Astroloba foliolosa**

fouchei Poelln. = **H. retusa** var. **retusa**

fulva G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**

geraldii C.L.Scott
Perennial. Succulent. Ht ± 400 mm. Alt? WC

gigas Poell. = **H. arachnoidea** var. **setata**

glabrata (Salm-Dyck) Baker
Aloe glabrata Salm-Dyck (4)
Perennial. Succulent. Ht ± 120 mm, ± 350 mm when in flower. Alt 500–1000 m. EC

glauca Baker var. **glauca**
H. carrissoi Resende (4)
Perennial. Succulent. Ht 50–80 mm, ± 540 mm when in flower. Alt 150–250 m. EC

glauca Baker var. **herrei** (Poelln.) M.B.Bayer
H. armstrongii Poelln. (7)
H. eilyae Poelln. (4)
H. eilyae Poelln. var. *zantneriana* Resende (4)
H. herrei Poelln. (4)
H. herrei Poelln. var. *depauperata* Poelln. (4)
H. jacobseniana Poelln. (4)
H. jonesiae Poelln. (4)
Perennial. Succulent. Ht 100–200 mm, ± 600 mm when in flower. Alt 500–1000 m. EC

globosiflora G.G.Sm. = **H. nortieri** var. **globosiflora**

gordoniana Poelln. = **H. cooperi** var. **gordoniana**

gracilis Poelln. var. **gracilis**
Perennial. Succulent. Ht ± 45 mm, ± 320 mm when in flower. Alt 500–1000 m. EC

gracilis Poelln. var. **isabellae** (Poelln.) M.B.Bayer
H. isabellae Poelln. (8)
Perennial. Succulent. Ht 35–45 mm, 200–300 mm when in flower. Alt 0–1000 m. EC

gracilis Poelln. var. **picturata** M.B.Bayer
Perennial. Succulent. Ht ± 250 mm when in flower. Alt 0–1000 m. EC

gracilis Poelln. var. **tenera** (Poelln.) M.B.Bayer
H. tenera Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 170 mm when in flower. Alt 500–1500 m. EC

gracilis Poelln. var. **viridis** M.B.Bayer
Perennial. Succulent. Ht ± 215 mm when in flower. Alt 500–1500 m. EC

graminifolia G.G.Sm. = **H. blackburniae** var. **graminifolia**

granata (Willd.) Haw. var. *polyphylla* Haw. = **H. minima** var. **minima**

granulata Marloth = **H. venosa** subsp. **granulata**

greenii Baker = **H. coarctata** var. **coarctata** forma **greenii**

greenii Baker forma *minor* Resende = **H. coarctata** var. **coarctata** forma **greenii**

greenii Baker var. *silvicola* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**

guttata Uitewaal = **H. reticulata** var. **reticulata**

gweneana Parr, invalid name = **Astroloba spiralis**

haageana Poelln. = **H. reticulata** var. **subregularis**

haageana Poelln. var. *subreticulata* Poelln. = **H. reticulata** var. **subregularis**

habdomadis Poelln. = **H. mucronata** var. **habdomadis**

harlandiana Parr = **Astroloba herrei**

hayashi M.Hayashi
Perennial. Succulent. Ht? Alt 500–1000 m. WC

heidelbergensis G.G.Sm. var. **heidelbergensis**
Perennial. Succulent. Ht ± 35 mm, ± 330 mm when in flower. Alt 250–500 m. WC

heidelbergensis G.G.Sm. var. **minor** M.B.Bayer
Perennial. Succulent. Ht ± 470 mm when in flower. Alt 0–500 m. WC

heidelbergensis G.G.Sm. var. **scabra** M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, ± 630 mm when in flower. Alt 0–500 m. WC

heidelbergensis G.G.Sm. var. **toonensis** M.B.Bayer
Perennial. Succulent. Ht ± 625 mm when in flower. Alt 0–500 m. WC

helmiae Poelln. = **H. mucronata** var. **mucronata**

herbacea (Mill.) Stearn var. **flaccida** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt 250–500 m. WC

herbacea (Mill.) Stearn var. **herbacea**
Aloe arachnoides Thunb. var. *pellucens* Salm-Dyck (7)
Aloe atrovirens DC. (7)
Aloe bradlyana Jacq. (7)
Aloe herbacea Mill. (7)
Aloe pallida (Haw.) Schult. & Schult.f. (11)
Aloe pellucens Haw. (10, 11)
Aloe translucens Haw. (11)
Catevala atroviridis Medik. (7)
H. aegrota Poelln. (7)
H. luteorosea Uitewaal (7)
H. pallida Haw. (7)
H. pellucens Haw. (7)
H. submaculata Poelln. (7)
H. translucens Haw. (8)
Perennial. Succulent. Ht ± 40 mm, ± 300 mm when in flower. Alt 500–1220 m. WC

herbacea (Mill.) Stearn var. **lupula** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt ± 1500 m. WC

herbacea (Mill.) Stearn var. **paynei** (Poelln.) M.B.Bayer
H. paynei Poelln.
Perennial. Succulent. Ht ± 50 mm, 250–300 mm when in flower. Alt ± 500 m. WC

herrei Poelln. = **H. glauca** var. **herrei**

herrei Poelln. var. *depauperata* Poelln. = **H. glauca** var. **herrei**

hilliana Poelln. = **H. cymbiformis** var. **obtusa**

hurlingii Poelln. = **H. reticulata** var. **hurlingii**

hurlingii Poelln. var. *ambigua* Triebner & Poelln. = **H. reticulata** var. **reticulata**

hybrida (Salm-Dyck) Haw. = excluded name, possibly garden hybrid (8, 10)

incurvula Poelln. = **H. cymbiformis** var. **incurvula**

indurata Haw. = **H. viscosa**

inermis Poelln. = **H. bolusii** var. **blackbeardiana**

integra Poelln. var. **integra**
H. rycroftiana M.B.Bayer (7)
Perennial. Succulent. Ht ± 27 mm, ± 150 mm when in flower. Alt 300–400 m. WC

integra Poelln. var. **standeri** J.M. Esterhuizen
Perennial. Succulent. Ht ± 15 mm, 150–200 when in flower. Alt 500–700 m. WC

intermedia Poelln. = **H. maculata** var. **intermedia**

isabellae Poelln. = **H. gracilis** var. **isabellae**

jacobseniana Poelln. = **H. glauca** var. **herrei**

joeyae C.L.Scott = **H. cooperi** var. **dielsiana**

jonesiae Poelln. = **H. glauca** var. **herrei**

kingiana Poelln.
Perennial. Succulent. Ht ± 180 mm, ± 430 mm when in flower. Alt 0–400 m. WC

koelmaniorum Oberm. & D.S.Hardy var. **koelmaniorum**
Perennial. Succulent. Ht ± 20 mm, ± 350 mm when in flower. Alt ± 920 m. M

koelmaniorum Oberm. & D.S.Hardy var. **mcmurtryi** (C.L.Scott) M.B.Bayer
H. mcmurtryi C.L.Scott (8)
Perennial. Succulent. Ht ± 18 mm. Alt ± 1000 m. M

laetevirens Haw. = **H. turgida** var. **turgida**

laevis Haw. = **H. marginata**

lateganiae Poelln. = **H. scabra** var. **lateganiae**

leightonii G.G.Sm. = **H. cooperi** var. **leightonii**

lepida G.G.Sm. = **H. cymbiformis** var. **cymbiformis**

limifolia Marloth var. **arcana** G.F.Sm. & N.R.Crouch
Perennial. Succulent. Ht ± 50 mm. Alt ± 300 m. M

limifolia Marloth var. **gigantea** M.B.Bayer
Perennial. Succulent. Ht ± 100 mm, ± 750 mm when in flower. Alt 0–1500 m. M, S, KZN

limifolia Marloth var. *keithii* G.G.Sm., new synonym = **H. limifolia** var. **ubomboensis**

limifolia Marloth var. **limifolia**
H. limifolia Marloth var. *limifolia* forma *diploidea* Resende (11)
H. limifolia Marloth var. *limifolia* forma *tetraploidea* Resende (11)
H. limifolia Marloth var. *stolonifera* Resende (5)
H. limifolia Marloth var. *stolonifera* Resende forma *major* Resende (5)
H. limifolia Marloth var. *stolonifera* Resende forma *pimentellii* Resende (5)
Perennial. Herb, succulent. Ht 30–100 mm, ± 500 mm when in flower. Alt 300–1200 m. M, KZN

limifolia Marloth var. *limifolia* forma *diploidea* Resende = **H. limifolia** var. **limifolia**

limifolia Marloth var. *limifolia* forma *tetraploidea* Resende = **H. limifolia** var. **limifolia**

limifolia Marloth var. *stolonifera* Resende = **H. limifolia** var. **limifolia**

limifolia Marloth var. *stolonifera* Resende forma *major* Resende = **H. limifolia** var. **limifolia**

limifolia Marloth var. *stolonifera* Resende forma *pimentellii* Resende = **H. limifolia** var. **limifolia**

limifolia Marloth var. **ubomboensis** (I.Verd.) G.G.Sm.
H. limifolia Marloth var. *keithii* G.G.Sm., new synonym
H. ubomboensis I.Verd. (8)
Perennial. Succulent. Ht 30–60 mm, ± 300 mm when in flower. Alt ± 610 m. S

limpida Haw. = **H. mucronata** var. **mucronata**

lockwoodii Archibald
Perennial. Succulent. Ht 50–80 mm, ± 270 mm when in flower. Alt 500–1500 m. WC

longiana Poelln.
H. longiana Poelln. var. *albinota* G.G.Sm. (4)
Perennial. Succulent. Ht ± 300 mm, ± 610 mm when in flower. Alt 50–200 m. EC

longiana Poelln. var. *albinota* G.G.Sm. = **H. longiana**

longiaristata Poelln. = **H. arachnoidea** var. **xiphiophylla**

longibracteata G.G.Sm. = **H. turgida** var. **longibracteata**

luteorosea Uitewaal = **H. herbacea** var. **herbacea**

maculata (Poelln.) M.B.Bayer var. **intermedia** M.B.Bayer
H. intermedia Poelln. (8)
Perennial. Succulent. Ht 35–40 mm, ± 300 mm when in flower. Alt 500–1500 m.WC

maculata (Poelln.) M.B.Bayer var. **maculata**
H. schuldtiana Poelln. var. *maculata* Poelln. (4)
Perennial. Succulent. Ht ± 40 mm. Alt 500–1500 m. WC

magnifica Poelln. var. **acuminata** (M.B.Bayer) M.B.Bayer
H. retusa (L.) Duval forma *acuminata* M.B.Bayer (8)
Perennial. Succulent. Ht ± 20 mm. Alt 0–500 m. WC

magnifica Poelln. var. **atrofusca** (G.G.Sm.) M.B.Bayer
H. atrofusca G.G.Sm. (8)
Perennial. Succulent. Ht ± 40 mm, ± 210 mm when in flower. Alt 0–500 m. WC

magnifica Poelln. var. **dekenahii** (G.G.Sm.) M.B.Bayer
H. dekenahii G.G.Sm. (8)
Perennial. Succulent. Ht ± 150 mm when in flower. Alt ± 500 m. WC

magnifica Poelln. var. **magnifica**
Perennial. Succulent. Ht ± 360 mm when in flower. Alt ?–225 m. WC

magnifica Poelln. var. **splendens** J.D.Venter & S.A.Hammer
Perennial. Succulent. Ht ± 450 mm when in flower. Alt 0–500 m. WC

maraisii Poelln. var. **maraisii**
H. schuldtiana Poelln. (4)
H. schuldtiana Poelln. var. *minor* Triebner & Poelln. (4)
H. schuldtiana Poelln. var. *robertsonensis* Poelln. (4)
H. schuldtiana Poelln. var. *simplicior* Poelln. (4)
H. schuldtiana Poelln. var. *sublaevis* Poelln. (4)
H. schuldtiana Poelln. var. *subtuberculata* Poelln. (4)
H. schuldtiana Poelln. var. *unilineata* Poelln. (4)
H. sublimpidula Poelln. (4)
H. triebneriana Poelln. var. *diversicolor* Triebner & Poelln. (4)
H. whitesloaneana Poelln. (4)
Perennial. Succulent. Ht 30–40 mm, ± 450 mm when in flower. Alt 0–1500 m. WC

maraisii Poelln. var. **meiringii** M.B.Bayer
Perennial. Succulent. Ht 30–40 mm, ± 300 mm when in flower. Alt ± 500 m. WC

maraisii Poelln. var. **notabilis** (Poelln.) M.B.Bayer
H. notabilis Poelln. (4)
H. schuldtiana Poelln. var. *erecta* Triebner & Poelln. (4)
Perennial. Succulent. Ht 40–50 mm, ± 300 mm when in flower. Alt ± 500 m. WC

margaritifera (L.) Haw. var. *corallina* Baker = **H. minima** var. **minima**

margaritifera (L.) Haw. var. *maxima* (Haw.) Uitewaal = **H. maxima**

margaritifera (L.) Haw. var. *minima* (Aiton) Uitewaal = **H. minima** var. **minima**

margaritifera (L.) Haw. var. *minor* (Aiton) Uitewaal = **H. minima** var. **minima**

marginata (Lam.) Stearn
Aloe albicans Haw. (4)
Aloe laevigata Schult. & Schult.f.
Aloe marginata Lam. (4)
Aloe virescens (Haw.) Schult. & Schult.f. (11)
H. laevis Haw. (4)
H. ramifera Haw. (4)
H. virescens Haw. (4)
H. virescens Haw. var. *minor* Haw. (7)
Perennial. Succulent. Ht ± 200 mm, ± 700 mm, when in flower. Alt 100–200 m. WC

marumiana Uitewaal var. **archeri** (W.F.Barker ex M.B.Bayer) M.B.Bayer
H. archeri W.F.Barker ex M.B.Bayer (8)
Perennial. Succulent. Ht ± 26 mm, 300–500 mm when in flower. Alt 500–1500 m. NC, WC

marumiana Uitewaal var. **batesiana** (Uitewaal) M.B.Bayer
H. batesiana Uitewaal (8)
Perennial. Succulent. Ht ± 23 mm, 310–400 mm when in flower. Alt 500–1500 m. EC

marumiana Uitewaal var. **dimorpha** (M.B.Bayer) M.B.Bayer
H. archeri W.F.Barker ex M.B.Bayer var. *dimorpha* M.B.Bayer (8)
Perennial. Succulent. Ht ± 40 mm. Alt 1000–1500 m. WC

marumiana Uitewaal var. **marumiana**
Perennial. Succulent. Ht ± 20 mm, ± 230 mm when in flower. Alt ?–1000 m. WC, EC

marumiana Uitewaal var. **viridis** M.B.Bayer
Perennial. Succulent. Ht? Alt 1000–1500 m. WC

maughanii Poelln. = **H. truncata** var. **maughanii**

maxima (Haw.) Duval
Aloe margaritifera (L.) Burm.f. (10)
Aloe margaritifera (L.) Burm.f. var. *maxima* Haw. (11)
Aloe papillosa Salm-Dyck, new synonym
Aloe pumila L. var. *margaritifera* L. (11)
Aloe semiglabrata (Haw.) Schult. & Schult.f., new synonym
Aloe semimargaritifera Salm-Dyck (11)
Aloe semimargaritifera Salm-Dyck var. *maxima* Salm-Dyck (11)
H. margaritifera (L.) Haw. var. *maxima* (Haw.) Uitewaal (11)
H. papillosa (Salm-Dyck) Haw. var. *semipapillosa* Haw., new synonym
H. semiglabrata Haw., new synonym
Perennial. Succulent. Ht 70–150 mm, ± 600 mm when in flower. Alt 500–1500 m.WC

mclarenii Poelln. = **H. mucronata** var. **mucronata**

mcmurtryi C.L.Scott = **H. koelmaniorum** var. **mcmurtryi**

minima (Aiton) Haw. var. **minima**
Aloe erecta (Haw.) Salm-Dyck var. *laetevirens* Salm-Dyck (4)
Aloe granata (Willd.) Salm-Dyck var. *major* Salm-Dyck (7)
Aloe granata (Willd.) Salm-Dyck var. *minor* Salm-Dyck (7)
Aloe granata (Willd.) Schult. & Schult.f. (7)
Aloe margaritifera (L.) Burm.f. var. *minima* Aiton (4)
Aloe margaritifera (L.) Burm.f. var. *minor* Aiton (8)
Aloe minor (Aiton) Schult. & Schult.f. (11)
Aloe pumila var. β L. (8)
Aloe pumila var. γ L. (7)
Apicra granata Willd. (4)
H. brevis Haw. (4)
H. erecta Haw. (8)
H. granata (Willd.) Haw. var. *polyphylla* Haw. (4)
H. margaritifera (L.) Haw. var. *corallina* Baker (5)
H. margaritifera (L.) Haw. var. *minima* (Aiton) Uitewaal (11)
H. margaritifera (L.) Haw. var. *minor* (Aiton) Uitewaal (11)
H. mutabilis Poelln. (4)
Perennial. Succulent. Ht ± 120 mm, ± 460 mm when in flower. Alt 0–1500 m. WC

minima (Aiton) Haw. var. **poellnitziana** (Uitewaal) M.B.Bayer
H. poellnitziana Uitewaal (8)
Perennial. Succulent. Ht 70–180 mm, ± 300 mm when in flower. Alt ± 500 m. WC

minutissima Poelln. = **H. venosa** subsp. **tessellata**

mirabilis (Haw.) Haw. var. **badia** (Poelln.) M.B.Bayer
H. badia Poelln. (8)
Perennial. Succulent. Ht 40–50 mm, ± 550 mm when in flower. Alt ± 500 m. WC

mirabilis (Haw.) Haw. var. **beukmannii** (Poelln.) M.B.Bayer
H. emelyae Poelln. var. *beukmannii* Poelln. (8)
Perennial. Succulent. Ht 40–50 mm, ± 700 mm when in flower. Alt ± 500 m. WC

mirabilis (Haw.) Haw. var. **calcarea** M.B.Bayer
Perennial. Succulent. Ht 40–50 mm. Alt 0–500 m. WC

mirabilis (Haw.) Haw. var. **consanguinea** M.B.Bayer
Perennial. Succulent. Ht 30–40 mm. Alt 1000–1500 m. WC

mirabilis (Haw.) Haw. var. **mirabilis**
Aloe mirabilis Haw. (4)
H. mundula G.G.Sm. (8)
Perennial. Succulent. Ht 40–50 mm, ± 460 mm when in flower. Alt ± 500 m. WC

mirabilis (Haw.) Haw. var. **paradoxa** (Poelln.) M.B.Bayer
H. paradoxa Poelln. (8)
Perennial. Succulent. Ht ± 30 mm, ± 600 mm when in flower. Alt 0–500 m. WC

mirabilis (Haw.) Haw. var. **sublineata** (Poelln.) M.B.Bayer
H. triebneriana Poelln. var. *sublineata* Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 650 mm when in flower. Alt ± 500 m. WC

mirabilis (Haw.) Haw. var. **triebneriana** (Poelln.) M.B.Bayer
H. nitidula Poelln. (8)
H. rossouwii Poelln. (8)
H. triebneriana Poelln. (8)
H. triebneriana Poelln. var. *depauperata* Poelln. (8)
H. triebneriana Poelln. var. *multituberculata* Poelln. (8)
H. triebneriana Poelln. var. *napierensis* Triebner & Poelln. (8)
H. triebneriana Poelln. var. *pulchra* Poelln. (8)
H. triebneriana Poelln. var. *rubrodentata* Triebner & Poelln. (8)
H. triebneriana Poelln. var. *subtuberculata* Poelln. (8)
H. triebneriana Poelln. var. *turgida* Triebner (8)
H. willowmorensis Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 530 mm when in flower. Alt 0–500 m. WC

monticola Fourc. var. **asema** M.B.Bayer
Perennial. Succulent. Ht 20–60 mm, ± 250 mm when in flower. Alt ± 500 m. WC

monticola Fourc. var. **monticola**
H. divergens M.B.Bayer (8)

Perennial. Succulent. Ht 20–60 mm, ± 250 mm when in flower. Alt 1000–1500 m. WC

morrisiae Poelln. = **H. scabra** var. **morrisiae**

mucronata Haw. var. **habdomadis** (Poelln.) M.B.Bayer
H. habdomadis Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 260 mm when in flower. Alt 500–2300 m. WC

mucronata Haw. var. **inconfluens** (Poelln.) M.B.Bayer
H. altilinea Haw. var. *limpida* forma *inconfluens* Poelln. (8)
H. bijliana Poelln. var. *joubertii* Poelln. (8)
Perennial. Succulent. Ht ± 40 mm. Alt 1000–1500 m. WC

mucronata Haw. var. **morrisiae** (Poelln.) M.B.Bayer
H. altilinea Haw. var. *morrisiae* Poelln. (8)
Perennial. Succulent. Ht 20–50 mm, ± 600 mm when in flower. Alt 500–1500 m. WC

mucronata Haw. var. **mucronata**
Aloe altilinea (Haw.) Schult. & Schult.f. (5)
H. helmiae Poelln. (8)
H. limpida Haw. (5)
H. mclarenii Poelln. (8)
H. unicolor Poelln. (8)
Perennial. Succulent. Ht 30–40 mm, ± 390 mm when in flower. Alt 1000–1500 m. WC

mucronata Haw. var. **rooibergensis** J.M.Esterhuizen & L.Battista
Perennial. Succulent. Ht ± 30 mm, ± 300 mm when in flower. Alt ± 500 m. WC

mundula G.G.Sm. = **H. mirabilis** var. **mirabilis**

musculina G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**

mutabilis Poelln. = **H. minima** var. **minima**

mutica Haw. var. **mutica**
H. otzenii G.G.Sm. (4)
Perennial. Succulent. Ht ± 42 mm, ± 130 mm when in flower. Alt 0–500 m. WC

mutica Haw. var. **nigra** M.B.Bayer
Perennial. Succulent. Ht? Alt ± 500 m. WC

nigra (Haw.) Baker var. **diversifolia** (Poelln.) Uitewaal
H. diversifolia Poelln. (8)
H. schmidtiana Poelln. var. *diversifolia* Poelln. forma *nana* Poelln. (8)
Perennial. Succulent. Ht ± 50 mm, ± 450 mm when in flower. Alt 500–1500 m. NC, WC, EC

nigra (Haw.) Baker var. **nigra**
Aloe nigra (Haw.) Schult. & Schult.f. (11)
Apicra nigra Haw. (4)
H. ryneveldii Poelln. (4)
H. schmidtiana Poelln. (4)
H. schmidtiana Poelln. var. *angustata* Poelln. (4)
H. schmidtiana Poelln. var. *elongata* Poelln. (4)
H. schmidtiana Poelln. var. *pusilla* Poelln. (4)
H. schmidtiana Poelln. var. *suberectata* Poelln. (4)
Perennial. Succulent. Ht ± 150 mm, ± 530 mm when in flower. Alt 300–765 m. WC, EC

nigricans Haw. = **Gasteria nitida** var. **nitida**

nitidula Poelln. = **H. mirabilis** var. **triebneriana**

nortieri G.G.Sm. var. *giftbergensis* G.G.Sm. = **H. nortieri** var. **nortieri**

nortieri G.G.Sm. var. **globosiflora** (G.G.Sm.) M.B.Bayer
H. globosiflora G.G.Sm. (4)
Perennial. Succulent. Ht ± 45 mm, ± 250 mm when in flower. Alt 1000–1500 m. NC, WC

nortieri G.G.Sm. var. *montana* G.G.Sm. = **H. nortieri** var. **nortieri**

nortieri G.G.Sm. var. **nortieri**
H. nortieri G.G.Sm. var. *giftbergensis* G.G.Sm. (5)
H. nortieri G.G.Sm. var. *montana* G.G.Sm. (5)
Perennial. Succulent. Ht ± 37 mm, ± 350 mm when in flower. Alt 0–1500 m. NC, WC

nortieri G.G.Sm. var. **pehlemanniae** (C.L.Scott) M.B.Bayer
H. pehlemanniae C.L.Scott (8)
Perennial. Succulent. Ht ± 30 mm, ± 210 mm when in flower. Alt 500–1500 m. WC

notabilis Poelln. = **H. maraisii** var. **notabilis**

obtusa Haw. = **H. cymbiformis** var. **obtusa**

obtusa Haw. var. *pilifera* forma *truncata* H.Jacobsen = **H. cooperi** var. **truncata**

olivettiana Parr = ×**Astroworthia bicarinata**

opalina M.Hayashi
Perennial. Succulent. Ht? Alt ± 900 m. WC

otzenii G.G.Sm. = **H. mutica** var. **mutica**

outeniquensis M.B.Bayer
Perennial. Succulent. Ht ± 60 mm, 450–600 mm when in flower. Alt 1000–1500 m. WC

pallida Haw. = **H. herbacea** var. **herbacea**

papillosa (Salm-Dyck) Haw. var. *semipapillosa* Haw., new synonym = **H. maxima**

paradoxa Poelln. = **H. mirabilis** var. **paradoxa**

parksiana Poelln.
Perennial. Succulent. Ht ± 230 mm when in flower. Alt 0–500 m. WC

parva Haw. = **H. venosa** subsp. **tessellata**

paynei (Poelln.) Poelln. = **H. herbacea** var. **paynei**

peacockii Baker = **H. coarctata** var. **coarctata** forma **greenii**

pehlemanniae C.L.Scott = **H. nortieri** var. **pehlemanniae**

pellucens Haw. = **H. herbacea** var. **herbacea**

picta Poelln. = **H. emelyae** var. **emelyae**

pilifera Baker = **H. cooperi** var. **pilifera**

pilifera Baker var. *dielsiana* forma *acuminata* Poelln. = **H. cooperi** var. **pilifera**

planifolia Haw. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *exulata* Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *incrassata* Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *longifolia* forma *calochlora* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *longifolia* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *planifolia* forma *agavoides* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *planifolia* forma *alta* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *planifolia* forma *olivacea* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *planifolia* forma *robusta* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *poellnitziana* Resende = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *setulifera* Poelln. = **H. cymbiformis** var. **setulifera**

planifolia Haw. var. *sublaevis* Poelln. = **H. cymbiformis** var. **cymbiformis**

planifolia Haw. var. *transiens* Poelln. = **H. cymbiformis** var. **transiens**

poellnitziana Uitewaal = **H. minima** var. **poellnitziana**

pringlei C.L.Scott = **H. decipiens** var. **pringlei**

pseudotessellata Poelln. = **H. venosa** subsp. **tessellata**

pubescens M.B.Bayer var. **livida** M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, ± 125 mm when in flower. Alt ± 500 m. WC

pubescens M.B.Bayer var. **pubescens**
Perennial. Succulent. Ht ± 30 mm, ± 125 mm when in flower. Alt ± 500 m. WC

pulchella M.B.Bayer var. **globifera** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1000 m. WC

pulchella M.B.Bayer var. **pulchella**
Perennial. Succulent. Ht ± 27 mm, ± 350 mm when in flower. Alt 730–1023 m. WC

pungens M.B.Bayer
Perennial. Succulent. Ht ± 20 mm, ± 450 mm when in flower Alt 500–1000 m. WC

pygmaea Poelln. var. **argenteo-maculosa** (G.G.Sm.) M.B.Bayer
H. dekenahii G.G.Sm. var. *argenteo-maculosa* G.G.Sm. (8)
Perennial. Succulent. Ht ± 38 mm, ± 340 mm when in flower. Alt 0–500 m. WC

pygmaea Poelln. var. **pygmaea**
Perennial. Succulent. Ht ± 300 mm when in flower. Alt 0–500 m. WC

radula (Jacq.) Haw. var. *pluriperlata* Haw. = **H. attenuata** var. **radula**

ramifera Haw. = **H. marginata**

ramosa G.G.Sm. = **H. cymbiformis** var. **ramosa**

reddii C.L.Scott = **H. cymbiformis** var. **reddii**

reinwardtii (Salm-Dyck) Haw. var. *adelaidensis* Poelln. = **H. coarctata** var. **adelaidensis**

reinwardtii (Salm-Dyck) Haw. var. *archibaldiae* Poelln. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *bellula* G.G.Sm. = **H. coarctata** var. **adelaidensis**

reinwardtii (Salm-Dyck) Haw. var. **brevicula** G.G.Sm.
H. reinwardtii (Salm-Dyck) Haw. var. *diminuta* G.G.Sm. (4)
Perennial. Succulent. Ht ± 80 mm, ± 400 mm when in flower. Alt 0–500 m. EC

reinwardtii (Salm-Dyck) Haw. var. *chalumnensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **chalumnensis**

reinwardtii (Salm-Dyck) Haw. var. *committeesensis* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**

reinwardtii (Salm-Dyck) Haw. var. *conspicua* Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**

reinwardtii (Salm-Dyck) Haw. var. *diminuta* G.G.Sm. = **H. reinwardtii** var. **brevicula**

reinwardtii (Salm-Dyck) Haw. var. *grandicula* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *huntsdriftensis* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**

reinwardtii (Salm-Dyck) Haw. var. *kaffirdriftensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **kaffirdriftensis**

reinwardtii (Salm-Dyck) Haw. var. *major* Baker = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *olivacea* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **olivacea**

reinwardtii (Salm-Dyck) Haw. var. *peddiensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *pseudocoarctata* Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**

reinwardtii (Salm-Dyck) Haw. var. *pulchra* Poelln. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. **reinwardtii** forma **chalumnensis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *chalumnensis* G.G.Sm. (4)
Perennial. Succulent. Ht ± 130 mm, ± 500 mm when in flower. Alt 0–500 m. EC

reinwardtii (Salm-Dyck) Haw. var. **reinwardtii** forma **kaffirdriftensis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *kaffirdriftensis* G.G.Sm. (4)
Perennial. Succulent. Ht ± 120 mm, ± 420 mm when in flower. Alt 0–500 m. EC

reinwardtii (Salm-Dyck) Haw. var. **reinwardtii** forma **olivacea** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *olivacea* G.G.Sm. (102)
Perennial. Succulent. Ht ± 80 mm, ± 260 mm when in flower. Alt 0–500 m. EC

reinwardtii (Salm-Dyck) Haw. var. **reinwardtii** forma **reinwardtii**
Aloe reinwardtii Salm-Dyck (4)
H. reinwardtii (Salm-Dyck) Haw. var. *archibaldiae* Poelln. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *grandicula* G.G.Sm. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *major* Baker (5)
H. reinwardtii (Salm-Dyck) Haw. var. *peddiensis* G.G.Sm. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *pulchra* Poelln. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *triebnerii* Resende (5)
H. reinwardtii (Salm-Dyck) Haw. var. *valida* G.G.Sm. (5)
Perennial. Succulent. Ht ± 510 mm when in flower. Alt 10–610 m. EC

reinwardtii (Salm-Dyck) Haw. var. **reinwardtii** forma **zebrina** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *zebrina* G.G.Sm. (102)
Perennial. Succulent. Ht ± 140 mm, ± 530 mm when in flower. Alt 0–500 m. EC

reinwardtii (Salm-Dyck) Haw. var. *riebeekensis* G.G.Sm. = **H. coarctata** var. **adelaidensis**

reinwardtii (Salm-Dyck) Haw. var. *tenuis* G.G.Sm. = **H. coarctata** var. **tenuis**

reinwardtii (Salm-Dyck) Haw. var. *triebnerii* Resende = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *valida* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**

reinwardtii (Salm-Dyck) Haw. var. *zebrina* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **zebrina**

reticulata (Haw.) Haw. var. *acuminata* Poelln. = **H. reticulata** var. **reticulata**

reticulata (Haw.) Haw. var. **attenuata** M.B.Bayer

Perennial. Succulent. Ht 25–32 mm, ± 120 mm when in flower. Alt 1000–1500 m. WC

reticulata (Haw.) Haw. var. **hurlingii** (Poelln.) M.B.Bayer
H. hurlingii Poelln. (5)
Perennial. Succulent. Ht ± 20 mm, ± 300 mm when in flower. Alt ± 500 m. WC

reticulata (Haw.) Haw. var. **reticulata**
Aloe herbacea DC. (10)
Aloe pumilio Jacq. (7)
Aloe reticulata Haw. (5)
H. guttata Uitewaal (8)
H. hurlingii Poelln. var. *ambigua* Poelln. (4)
H. reticulata (Haw.) Haw. var. *acuminata* Poelln. (5)
Perennial. Succulent. Ht ± 330 mm when in flower. Alt 300–600 m. WC

reticulata (Haw.) Haw. var. **subregularis** (Baker) Pilbeam
H. haageana Poelln. (8)
H. haageana Poelln. var. *subreticulata* Poelln. (7)
H. subregularis Baker (8)
Perennial. Succulent. Ht ± 40 mm, 300–400 mm when in flower. Alt 1000–1500 m. WC

retusa (L.) Duval forma *acuminata* M.B.Bayer = **H. magnifica** var. **acuminata**

retusa (L.) Duval var. *densiflora* G.G.Sm. = **H. retusa** var. **retusa**

retusa (L.) Duval var. *multilineata* G.G.Sm. = **H. retusa** var. **retusa**

retusa (L.) Duval var. **quimutica** M.Hayashi
Perennial. Succulent. Ht? Alt 200–500 m. WC

retusa (L.) Duval var. **retusa**
Aloe retusa L. (4)
H. fouchei Poelln. (4)
H. retusa (L.) Duval var. *densiflora* G.G.Sm. (5)
H. retusa (L.) Duval var. *multilineata* G.G.Sm. (5)
H. retusa (L.) Duval var. *solitaria* G.G.Sm. (5)
Perennial. Succulent. Ht 60–80 mm, ± 300 mm when in flower. Alt 200–600 m. WC

retusa (L.) Duval var. *solitaria* G.G.Sm. = **H. retusa** var. **retusa**

rossouwii Poelln. = **H. mirabilis** var. **triebneriana**

rubriflora (L.Bolus) Parr = **Astroloba rubriflora**

rubriflora (L.Bolus) Parr var. *jacobseniana* (Poelln.) Parr, invalid combination = **Astroloba rubriflora**

rycroftiana M.B.Bayer = **H. integra** var. **integra**

ryneveldii Poelln. = **H. nigra** var. **nigra**

saundersiae Baker, naked name = **Chortolirion angolense**

scabra Haw. var. **johanii** M.Hayashi
Perennial. Succulent. Ht? Alt ± 1000 m. WC

scabra Haw. var. **lateganiae** (Poelln.) M.B.Bayer
H. lateganiae Poelln. (8)
Perennial. Succulent. Ht 90–100 mm, ± 550 mm when in flower. Alt 1000–1500 m. WC

scabra Haw. var. **morrisiae** (Poelln.) M.B.Bayer
H. morrisiae Poelln. (4)
Perennial. Succulent. Ht 30–35 mm. Alt 1000–1500 m. WC

scabra Haw. var. **scabra**
Aloe scabra (Haw.) Schult. & Schult.f. (11)
H. tuberculata Poelln. (4)
H. tuberculata Poelln. var. *acuminata* Poelln. (4)
H. tuberculata Poelln. var. *angustata* Poelln. (4)
H. tuberculata Poelln. var. *subexpansa* Poelln. (4)
H. tuberculata Poelln. var. *sublaevis* Poelln. (4)
Perennial. Succulent. Ht ± 70 mm, ± 580 mm when in flower. Alt 800–1000 m. WC, EC

scabra Haw. var. **starkiana** (Poelln.) Bayer
H. smitii Poelln. (8)
H. starkiana Poelln. (8)
Perennial. Succulent. Ht ± 80 mm ± 370 mm when in flower. Alt 1000–1500 m. WC

schmidtiana Poelln. = **H. nigra** var. **nigra**

schmidtiana Poelln. var. *angustata* Poelln. = **H. nigra** var. **nigra**

schmidtiana Poelln. var. *diversifolia* Poelln. forma *nana* Poelln. = **H. nigra** var. **diversifolia**

schmidtiana Poelln. var. *elongata* Poelln. = **H. nigra** var. **nigra**

schmidtiana Poelln. var. *pusilla* Poelln. = **H. nigra** var. **nigra**

schmidtiana Poelln. var. *suberecta* Poelln. = **H. nigra** var. **nigra**

schuldtiana Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *erecta* Triebner & Poelln. = **H. maraisii** var. **notabilis**

schuldtiana Poelln. var. *maculata* Poelln. = **H. maculata** var. **maculata**

schuldtiana Poelln. var. *major* G.G.Sm. = **H. emelyae** var. **major**

schuldtiana Poelln. var. *minor* Triebner & Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *robertsonensis* Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *simplicior* Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *sublaevis* Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *subtuberculata* Poelln. = **H. maraisii** var. **maraisii**

schuldtiana Poelln. var. *unilineata* Poelln. = **H. maraisii** var. **maraisii**

semiglabrata Haw., new synonym = **H. maxima**

semiviva (Poelln.) M.B.Bayer
H. bolusi Baker var. *semiviva* Poelln. (4)
Perennial. Succulent. Ht ± 35 mm, ± 400 mm when in flower. Alt ?–900 m. NC, WC

serrata M.B.Bayer
Perennial. Succulent. Ht ± 60 mm, ± 540 mm when in flower. Alt ?–90 m. WC

setata Haw. = **H. arachnoidea** var. **setata**

setata Haw. var. *major* Haw. = **H. arachnoidea** var. **setata**

setata Haw. var. *media* Haw. = **H. arachnoidea** var. **setata**

setata Haw. var. *nigricans* Haw. = **H. arachnoidea** var. **nigricans**

setata Haw. var. *subinermis* Poelln. = **H. aristata**

shieldsiana Parr, invalid name = **Astroloba congesta**

smitii Poelln. = **H. scabra** var. **starkiana**

sordida Haw. var. **lavranii** C.L.Scott
Perennial. Succulent. Ht ± 460 mm when in flower. Alt 1000–1500 m. EC

sordida Haw. var. **sordida**
Aloe sordida (Haw.) Schult. & Schult.f. (11)

H. agavoides Zantner & Poelln. (4)
Perennial. Succulent. Ht ± 150 mm, ± 413 mm when in flower. Alt 500–1500 m. EC

spiralis (L.) Duval = **Astroloba spiralis**

spirella Haw. = **Astroloba spiralis**

springbokvlakensis C.L.Scott
Perennial. Succulent. Ht up to 330 mm when in flower. Alt 500–1000 m. EC

starkiana Poelln. = **H. scabra** var. **starkiana**

stayneri Poelln. = **H. cooperi** var. **pilifera**

stayneri Poelln. var. *salina* Poelln. = **H. cooperi** var. **pilifera**

stenophylla Baker = **Chortolirion angolense**

subfasciata (Salm-Dyck) Baker = **H. fasciata**

sublimpidula Poelln. = **H. maraisii** var. **maraisii**

submaculata Poelln. = **H. herbacea** var. **herbacea**

subregularis Baker = **H. reticulata** var. **subregularis**

subspicata Baker = **Chortolirion angolense**

tenera Poelln. = **H. gracilis** var. **tenera**

tenuifolia Engl. = **Chortolirion angolense**

tessellata Haw. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *coriacea* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *coriacea* forma *brevior* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *coriacea* forma *longior* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *elongata* Woerden = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *inflexa* Baker = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *luisieri* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *obesa* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *palhinhae* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *parva* forma *major* J.R.Br. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *simplex* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *stephaniana* Resende & Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *tuberculata* Poelln. = **H. venosa** subsp. **tessellata**

tessellata Haw. var. *velutina* Resende & Poelln. = **H. venosa** subsp. **tessellata**

torquata Haw. = **H. viscosa**

translucens Haw. = **H. herbacea** var. **herbacea**

triebneriana Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *depauperata* Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *diversicolor* Triebner & Poelln. = **H. maraisii** var. **maraisii**

triebneriana Poelln. var. *multituberculata* Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *napierensis* Triebner & Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *pulchra* Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *rubrodentata* Triebner & Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *sublineata* Poelln. = **H. mirabilis** var. **sublineata**

triebneriana Poelln. var. *subtuberculata* Poelln. = **H. mirabilis** var. **triebneriana**

triebneriana Poelln. var. *turgida* Triebner = **H. mirabilis** var. **triebneriana**

truncata Schönland forma *crassa* Poelln. = **H. truncata** var. **truncata**

truncata Schönland forma *tenuis* Poelln. = **H. truncata** var. **truncata**

truncata Schönland var. **maughanii** (Poelln.) B.Fearn
H. maughanii Poelln. (8)
Perennial. Succulent. Ht 10–20 mm, ± 210 mm when in flower. Alt ± 400 m. WC

truncata Schönland var. **truncata**
H. truncata Schönland forma *crassa* Poelln. (5)
H. truncata Schönland forma *tenuis* Poelln. (5)
Perennial. Succulent. Ht 10–20 mm, ± 230 mm when in flower. Alt 500–1500 m. WC

tuberculata Poelln. = **H. scabra** var. **scabra**

tuberculata Poelln. var. *acumianta* Poelln. = **H. scabra** var. **scabra**

tuberculata Poelln. var. *angustata* Poelln. = **H. scabra** var. **scabra**

tuberculata Poelln. var. *subexpansa* Poelln. = **H. scabra** var. **scabra**

tuberculata Poelln. var. *sublaevis* Poelln. = **H. scabra** var. **scabra**

turgida Haw. var. **longibracteata** (G.G.Sm.) M.B.Bayer
H. longibracteata G.G.Sm. (8)
Perennial. Succulent. Ht ± 55 mm, 240–310 mm when in flower. Alt 0–500 m. WC

turgida Haw. var. *pallidifolia* G.G.Sm. = **H. turgida** var. **suberecta**

turgida Haw. var. **suberecta** Poelln.
H. turgida Haw. var. *pallidifolia* G.G.Sm. (8)
H. turgida Haw. var. *subtuberculata* Poelln. (8)
Perennial. Succulent. Ht ± 27 mm, ± 250 mm when in flower. Alt 0–500 m. WC

turgida Haw. var. *subtuberculata* Poelln. = **H. turgida** var. **suberecta**

turgida Haw. var. **turgida**
Aloe laetevirens (Haw.) Link (11)
Aloe turgida (Haw.) Schult. & Schult.f. (11)
H. caespitosa Poelln. (4)
H. caespitosa Poelln. forma *subplana* Poelln. (4)
H. caespitosa Poelln. forma *subproliferans* Poelln. (4)
H. laetevirens Haw. (4)
Perennial. Succulent. Ht ± 28 mm, 250–400 mm when in flower. Alt 500–1500 m. WC

ubomboensis I.Verd. = **H. limifolia** var. **ubomboensis**

umbraticola Poelln. = **H. cymbiformis** var. **obtusa**

unicolor Poelln. = **H. mucronata** var. **mucronata**

variegata L.Bolus var. **hemicrypta** M.B.Bayer

Perennial. Succulent. Ht? Alt ± 500 m. WC

variegata L.Bolus var. **modesta** M.B.Bayer
Perennial. Succulent. Ht? Alt 0–500 m. WC

variegata L.Bolus var. **petrophila** M.B.Bayer
Perennial. Succulent. Ht? Alt ± 500 m. WC

variegata L.Bolus var. **variegata**
Perennial. Succulent. Ht ± 55 mm, ± 435 mm when in flower. Alt 0–500 m. WC

venosa (Lam.) Haw. subsp. **granulata** (Marloth) M.B.Bayer
H. granulata Marloth (4)
Perennial. Succulent. Ht ± 90 mm, ± 280 mm when in flower. Alt 500–1500 m. NC, WC

venosa (Lam.) Haw. subsp. **tessellata** (Haw.) M.B.Bayer
Aloe parva (Haw.) Schult. & Schult.f. (11)
Aloe tessellata (Haw.) Schult. & Schult.f. (11)
H. engleri Dinter (5)
H. minutissima Poelln. (5)
H. parva Haw. (5)
H. pseudotessellata Poelln. (5)
H. tessellata Haw. (5)
H. tessellata Haw. var. *coriacea* Resende & Poelln. (5)
H. tessellata Haw. var. *coriacea* forma *brevior* Resende & Poelln. (5)
H. tessellata Haw. var. *coriacea* forma *longior* Resende & Poelln. (5)
H. tessellata Haw. var. *elongata* Woerden (5)
H. tessellata Haw. var. *inflexa* Baker (5)
H. tessellata Haw. var. *luisieri* Resende & Poelln. (5)
H. tessellata Haw. var. *obesa* Resende & Poelln. (5)
H. tessellata Haw. var. *palhinhae* Resende & Poelln. (5)
H. tessellata Haw. var. *parva* forma *major* J.R.Br. (5)
H. tessellata Haw. var. *simplex* Resende & Poelln. (5)
H. tessellata Haw. var. *stephaniana* Resende & Poelln. (5)
H. tessellata Haw. var. *tuberculata* Poelln. (5)
H. tessellata Haw. var. *velutina* Resende & Poelln. (5)
Perennial. Succulent. Ht ± 90 mm, ± 500 mm when in flower. Alt ± 1500 m. N, NW, FS, NC, WC, EC

venosa (Lam.) Haw. subsp. **venosa**
Aloe recurva Haw. (5)
Aloe tricolor Haw. (8)
Aloe venosa Lam. (4)
H. distincta N.E.Br. (5)
H. venosa (Lam.) Haw. var. *oertendahlii* H.Hjelmquist (5)
Perennial. Succulent. Ht ± 80 mm, ± 600 mm when in flower. Alt ± 140 m. WC

venosa (Lam.) Haw. subsp. **woolleyi** (Poelln.) Halda
H. woolleyi Poelln. (8)
Perennial. Succulent. Ht ± 70 mm, 280–400 mm when in flower. Alt ± 800 m. WC

venosa (Lam.) Haw. var. *oertendahlii* H.Hjelmquist = **H. venosa** subsp. **venosa**

venteri Poelln. = **H. arachnoidea** var. **nigricans**

venusta C.L.Scott = **H. cooperi** var. **venusta**

virescens Haw. = **H. marginata**

virescens Haw. var. *minor* Haw.= **H. marginata**

viscosa (L.) Haw.
Aloe asperiuscula (Haw.) Schult. & Schult.f. (10)
Aloe concinna (Haw.) Schult. & Schult. f. (10)
Aloe cordifolia (Haw.) Schult. & Schult.f. (10)
Aloe indurata Schult. & Schult.f. (10)
Aloe pseudotortuosa Salm-Dyck (4)
Aloe subtortuosa Schult. & Schult.f. (7)
Aloe torquata (Haw.) Salm-Dyck (11)
Aloe tortuosa Haw. (4)
Aloe triangularis Medik. (7)
Aloe viscosa L. (4)
H. asperiuscula Haw. (4)
H. asperiuscula Haw. var. *patagiata* G.G.Sm. (4)
H. asperiuscula Haw. var. *subintegra* G.G.Sm. (4)
H. beanii G.G.Sm. (4)
H. beanii G.G.Sm. var. *minor* G.G.Sm. (5)
H. concinna Haw. (4)
H. cordifolia Haw. (4)
H. indurata Haw. (4)
H. torquata Haw. (4)
H. viscosa (L.) Haw. subsp. *dereki-clarki* J.J.Halda (8)
H. viscosa (L.) Haw. var. *caespitosa* Poelln. (4)
H. viscosa (L.) Haw. var. *cougaensis* G.G.Sm. (4)
H. viscosa (L.) Haw. var. *major* Haw. (4)
H. viscosa (L.) Haw. var. *minor* Haw. (4)
H. viscosa (L.) Haw. var. *parvifolia* Haw. (4)
H. viscosa (L.) Haw. var. *quaggaensis* G.G.Sm. (5)
H. viscosa (L.) Haw. var. *subobtusa* Poelln. (4)
H. viscosa (L.) Haw. var. *viridissima* G.G.Sm. (4)
Perennial. Succulent. Ht 70–200 mm, ± 500 mm when in flower. Alt ± 685 m. WC, EC

viscosa (L.) Haw. subsp. *dereki-clarki* J.J.Halda = **H. viscosa**

viscosa (L.) Haw. var. *caespitosa* Poelln. = **H. viscosa**

viscosa (L.) Haw. var. *cougaensis* G.G.Sm. = **H. viscosa**

viscosa (L.) Haw. var. *major* Haw. = **H. viscosa**

viscosa (L.) Haw. var. *minor* Haw. = **H. viscosa**

viscosa (L.) Haw. var. *parvifolia* Haw. = **H. viscosa**

viscosa (L.) Haw. var. *quaggaensis* G.G.Sm. = **H. viscosa**

viscosa (L.) Haw. var. *subobtusa* Poelln. = **H. viscosa**

viscosa (L.) Haw. var. *viridissima* G.G.Sm. = **H. viscosa**

vittata Baker = **H. cooperi** var. **cooperi**

vlokii M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, 300–400 mm when in flower. Alt ± 1500 m. WC

whitesloaneana Poelln. = **H. maraisii** var. **maraisii**

willowmorensis Poelln. = **H. mirabilis** var. **triebneriana**

wittebergensis W.F.Barker
Perennial. Succulent. Ht ± 70 mm, ± 410 mm when in flower. Alt 1000–1500 m. WC

woolleyi Poelln. = **H. venosa** subsp. **woolleyi**

xiphiophylla Baker = **H. arachnoidea** var. **xiphiophylla**

zantneriana Poelln. var. **minor** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt 500–1000 m. EC

zantneriana Poelln. var. **zantneriana**
Perennial. Succulent. Ht 50–70 mm, ± 370 mm when in flower. Alt 1000–1500 m. EC

zenigata M.Hayashi
Perennial. Succulent. Ht ± 180 mm. Alt 500–1000 m. WC

KNIPHOFIA Moench 1024000

Compiled by C. Archer

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 47.
(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 340.
(3) Phillips. 1940. *The Flowering Plants of South Africa* 20: tt. 783, 784.
(4) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 866.
(5) Merrill. 1950. *Journal of the Arnold Arboretum* 31: 264–287 (cf. p. 280).
(6) Bruce. 1955. *The Flowering Plants of Africa* 30: tt. 1183–1186.
(7) Codd. 1959. *The Flowering Plants of Africa* 33: tt. 1289–1292.
(8) Codd. 1961. *The Flowering Plants of Africa* 34: tt. 1325–1328.
(9) Codd. 1964. *The Flowering Plants of Africa* 36: tt. 1421–1424.
(10) Codd. 1965. *The Flowering Plants of Africa* 37: tt. 1445–1448.
(11) Codd. 1968. *Bothalia* 9: 363–513.
(12) Cufodontis. 1971. *Annalen des Naturhistorischen Museums in Wien* 75: 39–41.
(13) Codd. 1973. *The Flowering Plants of Africa* 42: t. 1661.
(14) Codd. 1986. *Bothalia* 16: 231, 232.
(15) Baijnath. 1987. *South African Journal of Botany* 53: 307–310.
(16) Codd. 1987. *Bothalia* 17: 185.
(17) Codd. 1989. *The Flowering Plants of Africa* 50: t. 1995.
(18) Baijnath. 1992. *South African Journal of Botany* 58: 482–485.
(19) Glen & Hardy. 2000. *FSA* 5,1,1 (First part): 151.

acraea Codd
Perennial. Herb. Ht 0.56–0.72 m. Alt ?–2000 m. EC

albescens Codd
Perennial. Herb. Ht 0.46–0.85 m. Alt ?–1950 m. M, KZN

albomontana Baijnath
Perennial. Herb. Ht 0.48–1.2 m. Alt ?–2715 m. FS, KZN, L, EC

aloöides Moench = **K. uvaria**

angustifolia (Baker) Codd
K. natalensis Baker var. *angustifolia* Baker (14)
K. rufa in sense of Codd, not of Baker (14)
Perennial. Herb. Ht 0.51–0.65 m. Alt ?–2450 m. KZN

bachmannii Baker = **K. uvaria**

baurii Baker
Perennial. Herb. Ht 0.7–1.37 m. Alt 300–2100 m. KZN, EC

brachystachya (Zahlbr.) Codd
Notosceptrum brachystachyum Zahlbr. (11)
Perennial. Herb. Ht 0.33–0.76 m. Alt 1220–2400 m. KZN, L, EC

breviflora Baker
K. breviflora Baker var. *concinna* (Baker) A.Berger (11)
K. concinna Baker (11)
K. schlechteri Schinz (11)
Perennial. Herb. Ht 0.45–0.88 m. Alt 1465–2135 m. FS, KZN

breviflora Baker var. *concinna* (Baker) A.Berger = **K. breviflora**

bruceae (Codd) Codd
K. praecox Baker subsp. *bruceae* Codd (16)
Perennial. Herb. Ht 1.2–2.3 m. Alt ?–1280 m. WC, EC

buchananii Baker
Perennial. Herb. Ht 0.3–0.74 m. Alt 610–1280 m. KZN

caulescens Baker
Tritoma caulescens (Baker) Carrière (11)
Perennial. Herb. Ht 0.39–0.9 m. Alt 1800–3000 m. FS, KZN, L, EC

citrina Baker
Perennial. Herb. Ht 0.3–0.76 m. Alt 45–1340 m. EC

coddiana Cufod.
K. elegans Codd (12)
Perennial. Herb. Ht 0.5–0.65 m. Alt 60–500 m. KZN, EC

concinna Baker = **K. breviflora**

conrathii Baker = **K. porphyrantha**

coralligemma E.A.Bruce
Perennial. Herb. Ht 0.53–1.92 m. Alt 1220–1950 m. LIM

crassifolia Baker
Perennial. Herb. Ht up to 0.35 m. Alt ?–1800 m. LIM

decaphlebia Baker = **K. laxiflora**

drepanophylla Baker
Perennial. Herb. Ht 0.4–0.6 m. Alt 75–1065 m. KZN, EC

elegans Codd = **K. coddiana**

ensifolia Baker subsp. **autumnalis** Codd
Perennial. Herb. Ht 0.7–2 m. Alt 1700–2135 m. FS

ensifolia Baker subsp. **ensifolia**
K. ensifolia Baker var. *albiflora* E.A.Bruce (11)
K. rivularis A.Berger (11)
Perennial. Herb. Ht 0.7–2 m. Alt 1220–1830 m. LIM, NW, G, M, FS, NC, EC

ensifolia Baker var. *albiflora* E.A.Bruce = **K. ensifolia** subsp. **ensifolia**

evansii Baker
Perennial. Herb. Ht 0.25–0.6 m. Alt 1675–1920 m. KZN

fibrosa Baker
Perennial. Herb. Ht 0.3–0.67 m. Alt 915–2045 m. KZN, EC

flammula Codd
Perennial. Herb. Ht 0.53–0.92 m. Alt 1340–1370 m. KZN

fluviatilis Codd
Perennial. Herb. Ht 0.45–1.06 m. Alt 825–2225 m. M, FS, KZN, EC

galpinii Baker
Perennial. Herb. Ht 0.35–0.7 m. Alt 765–2180 m. M, S, KZN

gracilis Baker
K. modesta in sense of Baker (1893) in part, not in sense of Baker (1889) (11)
K. modesta in sense of Baker (1893) var. *lutescens* A.Berger (11)
K. modesta in sense of Baker (1893) var. *woodii* (W.Watson) A.Berger (11)
K. sparsa N.E.Br. (11)
K. woodii W.Watson (11)
K. wyliei N.E.Br. (11)
Perennial. Herb. Ht 0.6–1.21 m. Alt 30–1585 m. KZN, EC

hirsuta Codd
Perennial. Herb. Ht 0.53–0.72 m. Alt ?–2622 m. L, EC

ichopensis Schinz var. **aciformis** Codd
Perennial. Herb. Ht 0.6–1.2 m. Alt ?–1600 m. KZN

ichopensis Schinz var. **ichopensis**
K. schlechteri Baker (11)
Perennial. Herb. Ht 0.6–1.2 m. Alt ?–2060 m. KZN

krookii Zahlbr. = **K. parviflora**

latifolia Codd
Perennial. Herb. Ht 0.47–1.1 m. Alt ?–765 m. KZN

laxiflora Kunth
K. decaphlebia Baker (11)
K. natalensis Baker (11)
Perennial. Herb. Ht 0.5–1.35 m. Alt 45–2438 m. M, KZN, EC

leucocephala Baijnath
Perennial. Herb. Ht 0.49–0.65 m. Alt ?–50 m. KZN

linearifolia Baker
K. linearifolia Baker var. *kuntzei* A.Berger (11)
K. linearifolia Baker var. *montana* A.Berger (11)
K. longiflora Baker (11)
Perennial. Herb. Ht 0.01–2 m. Alt 5–2400 m. M, S, FS, KZN, L, NC, WC, EC

linearifolia Baker var. *kuntzei* A.Berger = **K. linearifolia**

linearifolia Baker var. *montana* A.Berger = **K. linearifolia**

littoralis Codd
Perennial. Herb. Ht 0.25–0.74 m. Alt 3–600 m. KZN

longicollis Baker = **K. rooperi**

longiflora Baker = **K. linearifolia**

macowanii Baker = **K. triangularis** subsp. **triangularis**

modesta Baker = **K. parviflora**

modesta in sense of Baker (1893) in part, not in sense of Baker (1889) = **K. gracilis**

modesta in sense of Baker (1893) var. *lutescens* A.Berger = **K. gracilis**

modesta in sense of Baker (1893) var. *woodii* (W.Watson) A.Berger = **K. gracilis**

multiflora J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.91–2.43 m. Alt 765–2000 m. LIM, M, S, FS, KZN

natalensis Baker = **K. laxiflora**

natalensis Baker var. *angustifolia* Baker = **K. angustifolia**

nelsonii Masters = **K. triangularis** subsp. **triangularis**

northiae Baker
Perennial. Herb. Ht 1.37–1.67 m. Alt 915–2990 m. KZN, L, EC

obtusiloba A.Berger = **K. triangularis** subsp. **obtusiloba**

parviflora Kunth
K. krookii Zahlbr. (11)
K. modesta Baker (11)
Perennial. Herb. Ht 0.45–1.21 m. Alt 30–2530 m. KZN, EC

pauciflora Baker
K. pedicellata Baker (11)
Perennial. Herb. Ht 0.33–0.6 m. Alt 15–30 m. KZN

pedicellata Baker = **K. pauciflora**

porphyrantha Baker
K. conrathii Baker (11)
Perennial. Herb. Ht 0.07–1.82 m. Alt 762–2800 m. NW, G, M, S, FS, KZN, L, EC

praecox Baker (insufficiently known; probably a garden hybrid) (16)
K. praecox Baker var. *nobilis* Baker (11)
K. uvaria (L.) Oken var. *nobilis* (Baker) A.Berger (11)
K. uvaria (L.) Oken var. *praecox* (Baker) A.Berger (11)
Perennial. Herb. Ht 1.37–1.98 m. Alt? Distr.?

praecox Baker subsp. *bruceae* Codd = **K. bruceae**

praecox Baker var. *nobilis* Baker = **K. praecox**

rigidifolia E.A.Bruce
Perennial. Herb. Ht 0.67–0.91 m. Alt ?–1995 m. M

ritualis Codd
Perennial. Herb. Ht 0.2–1.8 m. Alt ?–3100 m. FS, KZN, L

rivularis A.Berger = **K. ensifolia** subsp. **ensifolia**

rooperi (T.Moore) Lem.
K. longicollis Baker (11)
Tritoma rooperi T.Moore (11)
Perennial. Herb. Ht 0.02–1.37 m. Alt 15–700 m. KZN, EC

rufa Baker (insufficiently known, possibly of hybrid origin) (14)

rufa in sense of Codd, not of Baker = **K. angustifolia**

sarmentosa (Andrews) Kunth
Aletris sarmentosa Andrews (11)
Tritoma media (Donn) Ker Gawl., illegitimate name (11)
Tritomanthe media (Donn) Link, illegitimate name (11)
Veltheimia media Donn, illegitimate name (11)
Veltheimia repens Ker Gawl., illegitimate name (11)
Veltheimia sarmentosa (Andrews) Willd. (11)
Perennial. Herb. Ht up to 1.21 m. Alt 625–1370 m. NC, WC

schlechteri Baker = **K. ichopensis** var. **ichopensis**

schlechteri Schinz = **K. breviflora**

sparsa N.E.Br. = **K. gracilis**

splendida E.A.Bruce
Perennial. Herb. Ht 0.9–1.82 m. Alt 945–1705 m. LIM, M, S

stricta Codd
Perennial. Herb. Ht 0.25–0.91 m. Alt 1370–2285 m. L, EC

tabularis Marloth
Perennial. Herb. Ht 0.91–1.21 m. Alt 700–1700 m. WC

thodei Baker
Perennial. Herb. Ht 0.3–0.5 m. Alt 1525–2800 m. KZN, L

triangularis Kunth subsp. **obtusiloba** (A.Berger) Codd
K. obtusiloba A.Berger (11)
Perennial. Herb. Ht 0.23–0.5 m. Alt 1220–2135 m. M, KZN

triangularis Kunth subsp. **triangularis**
K. macowanii Baker (11)
K. nelsonii Masters (11)
Tritoma macowanii (Baker) Carrière (11)
Perennial. Herb. Ht 0.3–1 m. Alt 910–2895 m. FS, KZN, L, EC

typhoides Codd
Notosceptrum natalense Baker (11)
Perennial. Herb. Ht 0.65–1.1 m. Alt 1250–1675 m. NW, G, M, FS, KZN

tysonii Baker subsp. **lebomboensis** Codd
Perennial. Herb. Ht 1–2.05 m. Alt 305–1370 m. S, KZN

tysonii Baker subsp. **tysonii**
Perennial. Herb. Ht 0.6–2.05 m. Alt 30–1585 m. KZN, EC

umbrina Codd
Perennial. Herb. Ht 0.77–1.05 m. Alt 1370–1405 m. S

uvaria (L.) Oken
Aletris uvaria (L.) L. (11)
Aloe longifolia Lam. (11)
Aloe rigida Salisb. (19)
Aloe uvaria L. (11)
K. aloöides Moench (11)
K. bachmannii Baker (11)
Triclissa uvaria (L.) Salisb. (11)
Tritoma burchellii Lindl. (11)
Tritoma uvaria (L.) Ker Gawl. (11)
Tritomanthe burchellii (Lindl.) Steud. (11)
Tritomanthe uvaria (L.) Link (11)
Tritomium uvaria (L.) Link (11)
Veltheimia uvaria (L.) Willd. (11)
Perennial. Herb. Ht up to 1.2 m. Alt 15–2285 m. WC

uvaria (L.) Oken. var. *nobilis* (Baker) A.Berger = **K. praecox**

uvaria (L.) Oken var. *praecox* (Baker) A.Berger = **K. praecox**

woodii W.Watson = **K. gracilis**

wyliei N.E.Br. = **K. gracilis**

KUMARA Medik. 1026060

disticha Medik. = **Aloe plicatilis**

LEPTALOE Stapf 1026010

albida Stapf = **Aloe albida**

blyderivierensis Groenew. = **Aloe minima**

johnstonii Christian = **Aloe myriacantha**

minima (Baker) Stapf = **Aloe minima**

myriacantha (Haw.) Stapf = **Aloe myriacantha**

parviflora (Baker) Stapf = **Aloe minima**

saundersiae Reynolds = **Aloe saundersiae**

NOTOSCEPTRUM Benth. 1025000

alooides (Bolus) Benth. = **Aloe alooides**

brachystachyum Zahlbr. = **Kniphofia brachystachya**

natalense Baker = **Kniphofia typhoides**

PACHIDENDRON Haw. 1026030

africanum (Mill.) Haw. = **Aloe africana**

africanum (Mill.) Haw. var. *angustum* Haw. = **Aloe africana**
africanum (Mill.) Haw. var. *latum* Haw. = **Aloe africana**
angustifolium (Haw.) Haw. = **Aloe africana**
ferox (Mill.) Haw. = **Aloe ferox**
pseudo-ferox (Salm-Dyck) Haw. = **Aloe ferox**
supralaeve (Haw.) Haw. = **Aloe ferox**

POELLNITZIA Uitewaal 1028020

rubriflora (L.Bolus) Uitewaal = **Astroloba rubriflora**
rubriflora (L.Bolus) Uitewaal var. *jacobseniana* (Poelln.) Uitewaal = **Astroloba rubriflora**

RHIPIDODENDRON Willd. 1026040

dichotomum (Masson) Willd. = **Aloe dichotoma** var. **dichotoma**
distichum (Medik.) Willd. = **Aloe plicatilis**
plicatile (L.) Haw. = **Aloe plicatilis**

TRACHYANDRA Kunth 0985010

Compiled by J.C. Manning

(1) Leighton. 1938. *The Flowering Plants of South Africa* 18: t. 687.
(2) Obermeyer. 1962. *Bothalia* 7: 669–778.
(3) Obermeyer. 1967. *Bothalia* 9: 344, 345.
(4) Roessler. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 88–90.
(5) Manning. 1990. *South African Journal of Botany* 56: 1–5.
(6) Perry. 1990. *South African Journal of Botany* 56: 257–260.
(7) Perry. 1999. *Strelitzia* 8: 74.

acocksii Oberm.
Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ?–1585 m. NC, WC

adamsonii (Compton) Oberm.
Perennial. Shrub. Ht up to 1.8 m. Alt? N, NC, WC

affinis Kunth
Perennial. Geophyte. Ht 0.02–2.5 m. Alt 5–1670 m. KZN, WC, EC

aridimontana J.C.Manning
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt ?–900 m. NC

arvensis (Schinz) Oberm.
Perennial. Geophyte. Ht 0.05–0.7 m. Alt ?–950 m. N, B

asperata Kunth var. **asperata**
Perennial. Geophyte. Ht 0.15–0.25 m. Alt 5–2600 m. M, FS, KZN, L, EC

asperata Kunth var. **basutoensis** (Poelln.) Oberm.
Perennial. Geophyte. Ht 0.26–0.6 m. Alt ?–2500 m. G, FS, L, EC

asperata Kunth var. **carolinensis** Oberm.
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1705 m. M

asperata Kunth var. **macowanii** (Baker) Oberm.
Perennial. Geophyte. Ht 0.2–0.45 m. Alt 60–2475 m. G, FS, L, EC

asperata Kunth var. **nataglencoensis** (Kuntze) Oberm.
Perennial. Geophyte. Ht 0.3–1.21 m. Alt 15–2045 m. G, M, S, FS, KZN, L

asperata Kunth var. **stenophylla** (Baker) Oberm.
Perennial. Geophyte. Ht 0.45–0.83 m. Alt 5–1700 m. KZN, EC

asperata Kunth var. **swaziensis** Oberm.
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–2195 m. M, S

brachypoda (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.7 m. Alt 15–120 m. WC

brehmeana (Roem. & Schult.) Kunth = **Chlorophytum triflorum**

bulbinifolia (Dinter) Oberm.
Perennial. Geophyte. Ht 0.15–2.5 m. Alt 40–1350 m. N, NC

burkei (Baker) Oberm.
Anthericum burkei Baker (2)
Bulbinella burkei (Baker) Benth. & Hook.f. (2)
Perennial. Geophyte. Ht 0.3–0.45 m. Alt ?–1280 m. B, NW, FS, NC

capillata (Poelln.) Oberm.
Perennial. Geophyte. Ht up to 1.5 m. Alt 50–825 m. KZN

chlamydophylla (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.7 m. Alt 50–200 m. WC

ciliata (L.f.) Kunth
Phalangium canaliculatum (Aiton) Poir. (2)
Phalangium longifolium (Jacq.) Poir. (2)
Perennial. Geophyte. Ht 0.22–0.76 m. Alt 15–1525 m. N, NC, WC, EC

dissecta Oberm.
Perennial. Geophyte. Ht up to 0.3 m. Alt 60–650 m. NC

divaricata (Jacq.) Kunth
Perennial. Shrub, geophyte. Ht 0.2–0.9 m. Alt 3–36 m. NC, WC, EC

ensifolia (Sölch) Roessler
Perennial. Geophyte. Ht up to 0.8 m. Alt? N

erythrorrhiza (Conrath) Oberm.
Perennial. Geophyte. Ht 0.45–0.8 m. Alt ?–1830 m. G

esterhuysenae Oberm.
Perennial. Geophyte. Ht up to 0.5 m. Alt ?–610 m. WC

falcata (L.f.) Kunth
Chlorophytum drepanophyllum Baker (2)
Perennial. Geophyte. Ht 0.25–0.6 m. Alt 60–1100 m. N, NC, WC

filiformis (Aiton) Oberm.
Anthericum aitonii Baker (3)
Anthericum filiforme Aiton (3)
Bulbinella aitonii (Baker) T.Durand & Schinz (3)
Bulbinella filiformis (Aiton) Kunth (3)
Trachyandra longepedunculata (Steud. ex Roem. & Schult.) Kunth (3)
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 30–200 m. WC

flexifolia (L.f.) Kunth
Perennial. Geophyte. Ht 0.25–0.6 m. Alt 90–820 m. NC, WC

gerrardii (Baker) Oberm.
Perennial. Geophyte. Ht 0.3–0.76 m. Alt 25–2440 m. M, S, KZN, EC

giffenii (F.M.Leight.) Oberm.
Perennial. Herb, succulent. Ht up to 0.5 m. Alt ?–610 m. EC

glandulosa (Dinter) Oberm.
Perennial. Geophyte. Ht up to 0.3 m. Alt? N

gracilenta Oberm.
Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1200 m. NC

hirsuta (Thunb.) Kunth
Perennial. Geophyte. Ht 0.5–0.91 m. Alt 30–660 m. WC

hirsutiflora (Adamson) Oberm.
Perennial. Geophyte. Ht up to 0.6 m. Alt 15–765 m. WC

hispida (L.) Kunth

Anthericum squameum L.f. (3)
Bulbinella squamea (L.f.) Kunth (3)
Phalangium squameum (L.f.) Poir. (2)
Perennial. Geophyte. Ht up to 0.3 m. Alt 30–275 m. WC

involucrata (Baker) Oberm.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 151–825 m. NC

jacquiniana (Roem. & Schult.) Oberm.
Perennial. Geophyte. Ht 0.25–0.5 m. Alt 90–1340 m. NC, WC

karrooica Oberm.
Perennial. Geophyte. Ht ± 0.15 m. Alt ?–1370 m. N, NC

lanata (Dinter) Oberm.
Perennial. Geophyte. Ht up to 0.3 m. Alt? N

laxa (N.E.Br.) Oberm. var. *erratica* (Oberm.) Oberm. = **T. laxa** var. **rigida**

laxa (N.E.Br.) Oberm. var. **laxa**
Perennial. Geophyte. Ht 0.25–0.8 m. Alt ?–1190 m. N, B, NW, NC

laxa (N.E.Br.) Oberm. var. **rigida** (Suess.) Roessler
T. laxa (N.E.Br.) Oberm. var. *erratica* (Oberm.) Oberm. (4)
Perennial. Geophyte. Ht 0.4–1.21 m. Alt 950–1525 m. NW, FS, NC

longepedunculata (Steud. ex Roem. & Schult.) Kunth = **T. filiformis**

margaretae Oberm.
Perennial. Geophyte. Ht up to 0.6 m. Alt ?–1650 m. M, KZN

muricata (L.f.) Kunth
Perennial. Geophyte. Ht 0.3–0.6 m. Alt 61–825 m. N, NC, WC

oligotricha (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.3 m. Alt 15–185 m. WC

paniculata Oberm.
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

patens Oberm.
Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1200 m. NC, WC

pauciflora (Thunb.) Kunth = **Chlorophytum triflorum**

peculiaris (Dinter) Oberm.
Perennial. Geophyte. Ht up to 0.1 m. Alt? N

prolifera P.L.Perry
Perennial. Geophyte. Ht up to 0.2 m. Alt? NC

reflexipilosa (Kuntze) Oberm.
Perennial. Geophyte. Ht 0.25–1.06 m. Alt 155–2135 m. M, S, FS, KZN, L

revoluta (L.) Kunth
Phalangium revolutum Poir. (2)
Perennial. Geophyte. Ht 0.3–0.76 m. Alt 2–610 m. N, NC, WC, EC

sabulosa (Adamson) Oberm.
Perennial. Geophyte. Ht up to 0.4 m. Alt ?–92 m. WC

saltii (Baker) Oberm. var. **oatesii** (Baker) Oberm.
Perennial. Geophyte. Ht 0.1–0.5 m. Alt ?–1370 m. FS, NC

saltii (Baker) Oberm. var. **saltii**
Perennial. Geophyte. Ht 0.1–1.06 m. Alt 10–2895 m. N, B, M, S, FS, KZN, L, EC

saltii (Baker) Oberm. var. **secunda** (K.Krause & Dinter) Oberm.
Perennial. Geophyte. Ht 0.27–0.6 m. Alt 151–1630 m. N, G, M, S, FS, KZN

scabra (L.f.) Kunth
Perennial. Geophyte. Ht up to 0.4 m. Alt 5–305 m. WC

schultesii Kunth = **Chlorophytum triflorum**

smalliana Hilliard & B.L.Burtt
Perennial. Geophyte. Ht up to 0.7 m. Alt 1500–2042 m. KZN, EC

tabularis (Baker) Oberm.
Perennial. Geophyte. Ht up to 1 m. Alt 30–800 m. WC

thyrsoidea (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.18 m. Alt? WC

tortilis (Baker) Oberm.
Anthericum salteri F.M.Leight. (2)
Perennial. Geophyte. Ht up to 0.25 m. Alt 30–1065 m. NC, WC

zebrina (Schltr. ex Poelln.) Oberm.
Perennial. Geophyte. Ht up to 0.2 m. Alt ?–610 m. NC

TRICLISSA Salisb. 1024010

uvaria (L.) Salisb. = **Kniphofia uvaria**

TRITOMA Ker Gawl. 1024020

burchellii Lindl. = **Kniphofia uvaria**

caulescens (Baker) Carrière = **Kniphofia caulescens**

macowanii (Baker) Carrière = **Kniphofia triangularis** subsp. **triangularis**

media (Donn) Ker Gawl., illegitimate name = **Kniphofia sarmentosa**

rooperi T.Moore = **Kniphofia rooperi**

uvaria (L.) Ker Gawl. = **Kniphofia uvaria**

TRITOMANTHE Link 1024030

burchellii (Lindl.) Steud. = **Kniphofia uvaria**

media (Donn) Link, illegitimate name = **Kniphofia sarmentosa**

uvaria (L.) Link = **Kniphofia uvaria**

TRITOMIUM Link 1024040

uvaria (L.) Link = **Kniphofia uvaria**

BEHNIACEAE

Compiled by R.P.Glen

BEHNIA Didr. 1147000

(1) Baker. 1896. *FC* 6: 256–274.
(2) Reveal. 1997. *Phytologia* 82,4: 273, 274.
(3) Conran 1997. *Kew Bulletin* 52,4: 995–999.

reticulata (Thunb.) Didr.
Perennial. Climber. Ht? Alt 15–1760 m. LIM, M, S, KZN, WC, EC

BURMANNIACEAE

Compiled by C. Archer

BURMANNIA L. 1382000

(1) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1427.
(2) Hilliard & Burtt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 253, 254.

bicolor Mart. var. *africana* Ridl. = **B. madagascariensis**

capensis Mart. = **B. madagascariensis**

madagascariensis Mart.
B. bicolor Mart. var. *africana* Ridl. (1)
B. capensis Mart. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1–1740 m. LIM, NW, KZN

*CANNACEAE

Compiled by C. Archer

*CANNA L. 1363000

(1) Bailey. 1923. *Gentes Herbarium* 1: 118, 120.
(2) Lock. 1993. *FTEA* Cannaceae (see Musaceae): 7.

edulis L. = **C. indica**

×**generalis** L.H.Bailey
Perennial. Herb. Ht 1–2 m. Alt? LIM, G, M

indica L.
C. edulis L. (2)
Perennial. Herb. Ht 1–2 m. Alt ?–1065 m. LIM, KZN

COLCHICACEAE

Compiled by C. Archer

ANDROCYMBIUM Willd. 0969000

(1) Krause. 1921. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 7: 512–526.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 53.
(3) Dyer. 1956. *The Flowering Plants of Africa* 31: t. 1225.
(4) Roessler. 1974. *Mitteilungen der Botanischen Staatssammlung München* 11: 545–566.
(5) Müller-Doblies & Müller-Doblies. 1984. *Willdenowia* 14: 179–197.
(6) Müller-Doblies & Müller-Doblies. 1990. *Willdenowia* 19: 453–470.
(7) Müller-Doblies & Müller-Doblies. 1998. *Feddes Repertorium* 109: 551–572.
(8) Pedrola-Monfort *et al.* 1999. *Fontqueria* 53: 1, 2.
(9) Pedrola-Monfort *et al.* 1999. *Fontqueria* 54: 7–9.
(10) Caujapé-Castells *et al.* 1999. *Systematic Botany* 24: 581–597.
(11) Manning & Goldblatt. 2001. *Bothalia* 31: 203–205.

albanense Schönland subsp. **albanense**
Perennial. Geophyte. Ht? Alt? EC

albanense Schönland subsp. **clanwilliamense** Pedrola, Membrives & J.M.Monts.
Perennial. Geophyte. Ht? Alt? WC

albomarginatum Schinz
A. schlechteri K.Krause (7)
Perennial. Geophyte. Ht? Alt 800–1400 m. NC, WC

asteroides J.C.Manning & Goldblatt
Perennial. Geophyte. Ht? Alt? NC

austrocapense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–80 m. WC, EC

bellum Schltr. & K.Krause
Perennial. Geophyte. Ht up to 0.08 m. Alt ?–1005 m. N, NC

burchellii Baker
Perennial. Geophyte. Ht? Alt 600–1000 m. NC, WC

burkei Baker
Perennial. Geophyte. Ht up to 0.07 m. Alt 646–1830 m. G, M, FS, L

capense (L.) K.Krause
A. eucomoides Sweet, not of Willd., misapplied name (1)
A. leucanthum Willd. (1)
A. punctatum Baker (1)
Melanthium capense L. (1)
Perennial. Geophyte. Ht up to 0.4 m. Alt 27–1370 m. WC

ciliolatum Schltr. & K.Krause
A. fenestratum Schltr. & K.Krause (5)
Perennial. Geophyte. Ht up to 0.1 m. Alt 120–1200 m. NC, WC

circinatum Baker
A. guttatum Schltr. & K.Krause (7)
Perennial. Geophyte. Ht? Alt? N, NC

crispum Schinz
A. pritzelianum Diels (7)
Perennial. Geophyte. Ht? Alt ?–1370 m. NC

cruciatum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.2 m. Alt ?–700 m. NC

cuspidatum Baker
Perennial. Geophyte. Ht? Alt? NC

decipiens N.E.Br.
Perennial. Geophyte. Ht? Alt? KZN

dregei C.Presl
Perennial. Geophyte. Ht up to 0.1 m. Alt 500–1100 m. NC, WC

eghimocymbion U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–500 m. WC

eucomoides (Jacq.) Willd.
Melanthium eucomoides Jacq. (1)
Perennial. Geophyte. Ht? Alt 120–960 m. WC

eucomoides Sweet, not of Willd., misapplied name = **A. capense**

exiguum Roessler subsp. **exiguum**
Perennial. Geophyte. Ht up to 0.08 m. Alt? N

exiguum Roessler subsp. **vogelii** (U.Müll.-Doblies & D.Müll.-Doblies) U.Müll.-Doblies & D.Müll.-Doblies
A. vogelii U.Müll.-Doblies & D.Müll.-Doblies (6)
Perennial. Geophyte. Ht up to 0.12 m. Alt 700–760 m. N, NC

fenestratum Schltr. & K.Krause = **A. ciliolatum**

gramineum in sense of Roessler, not of (Cav.) J.F.Macbr. = **A. roseum**

guttatum Schltr. & K.Krause = **A. circinatum**

hantamense Engl.
Perennial. Geophyte. Ht? Alt 625–1450 m. NC, WC

henssenianum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.6 m. Alt? NC

hughocymbion U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–400 m. WC

huntleyi Pedrola, Membrives, J.M.Monts. & Caujapé
Perennial. Geophyte. Ht? Alt? NC

irroratum Schltr. & K.Krause
Perennial. Geophyte. Ht up to 0.07 m. Alt? NC, WC

kunkelianum U.Müll.-Doblies, P.Hirsch., Stearn & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

latifolium Schinz
A. pulchrum Schltr. & K.Krause (7)
Perennial. Geophyte. Ht? Alt? NC

leistneri U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–1160 m. FS, L, NC

leucanthum Willd. = **A. capense**

longipes Baker
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 5–3140 m. EC

melanthioides Willd. subsp. **australe** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? FS, WC, EC

melanthioides Willd. subsp. **melanthioides**
A. melanthioides Willd. var. *acaule* Baker (1)
Perennial. Geophyte. Ht 0.05–0.25 m. Alt 645–2500 m. N, B, LIM, NW, G, FS, NC, WC, EC

melanthioides Willd. subsp. **transvaalense** U.Müll.-Doblies & D.Müll.-Doblies
? *A. melanthioides* Willd. var. *subulatum* (Baker) Baker (7)
? *A. subulatum* Baker (7)
Perennial. Geophyte. Ht? Alt 1100–2000 m. N, M, S, KZN, L, EC

melanthioides Willd. var. *acaule* Baker = **A. melanthioides** Willd. var. **melanthioides**

melanthioides Willd. var. *striatum* (A.Rich.) Baker = **A. striatum**

melanthioides Willd. var. *subulatum* (Baker) Baker = ? **A. melanthioides** subsp. **transvaalense**

natalense Baker
Perennial. Geophyte. Ht? Alt? KZN

orienticapense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt 150–200 m. WC, EC

poeltianum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

pritzelianum Diels = **A. crispum**

pulchrum Schltr. & K.Krause = **A. latifolium**

punctatum Baker = **A. capense**

roseum Engl.
A. gramineum in sense of Roessler, not of (Cav.) J.F.MacBr. (10)
Perennial. Geophyte. Ht up to 0.03 m. Alt 850–1310 m. N, B, FS

scabromarginatum Schltr. & K.Krause
Perennial. Geophyte. Ht up to 0.12 m. Alt 220–1200 m. NC, WC

schlechteri K.Krause = **A. albomarginatum**

striatum A.Rich.
A. melanthioides Willd. var. *striatum* (A.Rich.) Baker (1)
Perennial. Geophyte. Ht? Alt? LIM, G, M, S, FS, L, WC, EC

subulatum Baker = ? **A. melanthioides** subsp. **transvaalense**

swazicum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt 1300–1400 m. M, S

undulatum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–1000 m. WC

vanjaarsveldii U.Müll.-Doblies, U.U.Hähnl & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

villosum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

vogelii U.Müll.-Doblies & D.Müll.-Doblies = **A. exiguum** subsp. **vogelii**

volutare Burch.
Perennial. Geophyte. Ht? Alt 245–1430 m. NC

walteri Pedrola, Membrives & J.M.Monts.
Perennial. Geophyte. Ht? Alt? NC

worsonense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt ?–250 m. WC

BAEOMETRA Salisb. ex Endl. 0970000

(1) Baker. 1897. *FC* 6: 522, 523.
(2) Lewis. 1941. *Journal of South African Botany* 7: 59.
(3) Adamson. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 202.

columellaris Salisb. = **B. uniflora**

uniflora (Jacq.) G.J.Lewis
B. columellaris Salisb. (2)
Melanthium aethiopicum Desv. (1)
Melanthium uniflorum Jacq. (1)
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 30–305 m. WC

CAMPTORRHIZA E.Phillips 0975010

(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 575.
(2) Obermeyer. 1961. *Kirkia* 1: 84–87.

schlechteri (Engl.) E.Phillips = **C. strumosa**

strumosa (Baker) Oberm.
C. schlechteri (Engl.) E.Phillips (2)
Perennial. Geophyte. Ht 0.05–0.4 m. Alt 45–1530 m. N, B, LIM, NW, G, M, KZN, NC

CYMATION Spreng. 0973010

undulatum (Willd.) Spreng. = **Ornithoglossum undulatum**

DIPIDAX Laws. ex Salisb. 0971005

ciliata (L.f.) Baker = **Onixotis punctata**

ciliata (L.f.) Baker var. *bergii* (Schltdl.) Baker = **Onixotis punctata**

ciliata (L.f.) Baker var. *garnotiana* (Kunth) Baker = **Onixotis punctata**

ciliata (L.f.) Baker var. *gracilis* (Desv.) Baker = **Onixotis punctata**

ciliata (L.f.) Baker var. *rubicunda* (Kunth) Baker = **Onixotis punctata**

ciliata (L.f.) Baker var. *secunda* (Desv.) Baker = **Onixotis punctata**

punctata (L.) Hutch. = **Onixotis punctata**

punctata (L.) Hutch. var. *bergii* (Schltdl.) Adamson = **Onixotis punctata**

punctata (L.) Hutch. var. *garnotiana* (Kunth) Adamson = **Onixotis punctata**

rosea Salisb. = **Onixotis stricta**

triquetra (L.f.) Baker = **Onixotis stricta**

GLORIOSA L. 0963000

(1) Baker. 1897. *FC* 6: 525, 526.
(2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 430.
(3) Field. 1971. *Kew Bulletin* 25: 243–245.

superba L.
G. virescens Lindl. (3)
Perennial. Geophyte, climber. Ht 0.25–2.43 m. Alt 5–1830 m. N, B, LIM, M, S, KZN, EC

virescens Lindl. = **G. superba**

HEXACYRTIS Dinter 0965010

(1) Dinter. 1932. *Feddes Repertorium* 30: 84, 85.
(2) Sölch *et al.* 1970. In Merxmüller, *FSWA* 147: 51.
(3) Williamson. 1983. *Veld & Flora* 69: 16–19.

dickiana Dinter
Perennial. Geophyte. Ht 0.35–1.1 m. Alt 410–780 m. N, NC

IPHIGENIA Kunth 0975000

(1) Obermeyer. 1961. *Kirkia* 1: 84–87.

bechuanica Baker
Perennial. Geophyte. Ht up to 0.5 m. Alt 305–425 m. N, B, LIM, M, KZN

LICHTENSTEINIA Willd. 0973020

undulata Willd. = **Ornithoglossum undulatum**

LITTONIA Hook. 0964000

(1) Baker. 1897. *FC* 6: 527.
(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 366.
(3) Bredell. 1937. *Kew Bulletin* 1936: 495.

modesta Hook.
Perennial. Geophyte, climber. Ht 0.3–2 m. Alt 380–1450 m. LIM, NW, G, M, S, FS, KZN, EC

rigidifolia Bredell
Perennial. Geophyte, climber. Ht 0.3–0.5 m. Alt 1000–1770 m. LIM

MELANTHIUM L. in part [MELANTHIACEAE] 0959000

aethiopicum Desv. = **Baeometra uniflora**

bergii Schltdl. = **Onixotis punctata**

capense L. = **Androcymbium capense**

capense Willd. = **Onixotis punctata**

ciliatum L.f. = **Onixotis punctata**

eucomoides Jacq. = **Androcymbium eucomoides**

garnotianum Kunth = **Onixotis punctata**

gracile Desv. = **Onixotis punctata**

junceum Jacq. = **Onixotis stricta**

longiflorum (Willd.) Ker Gawl, illegitimate name = **Wurmbea dolichantha**

marginatum Desr. = **Wurmbea marginata**

monopetalum L.f. = **Wurmbea monopetala**

pumilum (Willd.) Ker Gawl., illegitimate name = **Wurmbea capensis**

punctatum L. = **Onixotis punctata**

rubicundum Willd. = **Onixotis punctata**

secundum Desv. = **Onixotis punctata**

spicatum Burm.f. = **Wurmbea spicata** var. **spicata**

triquetrum L.f. = **Onixotis stricta**

tubiflorum Sol. ex Baker = **Wurmbea dolichantha**

undulatum (Willd.) J.W.Loudon = **Ornithoglossum undulatum**

uniflorum Jacq. = **Baeometra uniflora**

viride L.f. = **Ornithoglossum viride**

wurmbaea Thunb. = **Wurmbea capensis**

wurmbeum Thunb. = **Wurmbea capensis**

NEODREGEA C.H.Wright 0971010

(1) Wright. 1909. *Kew Bulletin* 1909: 308, 309.
(2) Wright. 1911. *Hooker's Icones Plantarum* 30: t. 2931.
(3) Garside. 1935. *Kew Bulletin* 1935: 292–298.

glassii C.H.Wright
Perennial. Geophyte. Ht 0.02–0.06 m. Alt ?–± 50 m. WC, EC

ONIXOTIS Raf. 0971000

(1) Baker. 1897. *FC* 6: 523, 524.
(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 202, 203.
(3) Mabberley. 1980. *Taxon* 29: 600.
(4) Wijnands. 1991. *Bothalia* 21: 157.

punctata (L.) Mabb.
Dipidax ciliata (L.f.) Baker (2)
Dipidax ciliata (L.f.) Baker var. *bergii* (Schltdl.) Baker (3)
Dipidax ciliata (L.f.) Baker var. *garnotiana* (Kunth) Baker (3)
Dipidax ciliata (L.f.) Baker var. *gracilis* (Desv.) Baker (3)
Dipidax ciliata (L.f.) Baker var. *rubicunda* (Kunth) Baker (3)
Dipidax ciliata (L.f.) Baker var. *secunda* (Desv.) Baker (3)
Dipidax punctata (L.) Hutch. (3)
Dipidax punctata (L.) Hutch. var. *bergii* (Schltdl.) Adamson (3)
Dipidax punctata (L.) Hutch. var. *garnotiana* (Kunth) Adamson (3)
Melanthium bergii Schltdl. (1)
Melanthium capense Willd. (1)
Melanthium ciliatum L.f. (1)
Melanthium garnotianum Kunth (1)
Melanthium gracile Desv. (1)
Melanthium punctatum L. (3)
Melanthium rubicundum Willd. (1)
Melanthium secundum Desv. (1)

Perennial. Geophyte. Ht 0.11–0.3 m. Alt 20–1465 m. WC

stricta (Burm.f.) Wijnands
Anthericum bulbine Houtt. (4)
Dipidax rosea Salisb. (1)
Dipidax triquetra (L.f.) Baker (4)
Melanthium junceum Jacq. (3)
Melanthium triquetrum L.f. (4)
O. triquetra (L.f.) Mabb. (4)
Pontederia stricta Burm.f. (4)
Perennial. Helophyte. Geophyte. Ht up to 0.5 m. Alt? NC, WC, EC

triquetra (L.f.) Mabb. = **O. stricta**

ORNITHOGLOSSUM Salisb. 0973000

(1) Nordenstam. 1979. *The Flowering Plants of Africa* 45: t. 1799.
(2) Nordenstam. 1982. *Opera Botanica* 64: 1–51.

calcicola K.Krause & Dinter
Perennial. Geophyte. Ht 0.2–0.5 m. Alt ?–1460 m. N

dinteri K.Krause
O. glaucum Salisb. var. *grandiflorum* Baker in part (2)
Perennial. Geophyte. Ht 0.06–0.45 m. Alt 915–1385 m. N, NW, FS, NC

glaucum in sense of authors, not of Salisb. = **O. vulgare**

glaucum Salisb., illegitimate name = **O. viride**

glaucum Salisb. var. *grandiflorum* Baker in part = **O. dinteri**

glaucum Salisb. var. *grandiflorum* Baker in part = **O. undulatum**

glaucum Salisb. var. *undulatum* (Willd.) Baker = **O. undulatum**

glaucum Salisb. var. *zeyheri* Baker = **O. zeyheri**

gracile B.Nord.
Perennial. Geophyte. Ht 0.02–0.1 m. Alt ?–1000 m. NC, WC

lichtensteinii Schltdl. = **O. undulatum**

parviflorum B.Nord. var. **namaquense** B.Nord.
Perennial. Geophyte. Ht 0.05–0.2 m. Alt ?–200 m. NC, WC

parviflorum B.Nord. var. **parviflorum**
Perennial. Geophyte. Ht 0.04–0.2 m. Alt 115–1140 m. N, NC, WC

undulatum Sweet
Cymation undulatum (Willd.) Spreng. (1)
Lichtensteinia undulata Willd. (2)
Melanthium undulatum (Willd.) J.W.Loudon (2)
O. glaucum Salisb. var. *grandiflorum* Baker in part (2)
O. glaucum Salisb. var. *undulatum* (Willd.) Baker (2)
O. lichtensteinii Schltdl. (2)
O. undulatum (Willd.) Spreng., illegitimate name (2)
O. viride (L.f.) Aiton var. *grandiflorum* (Baker) T.Durand & Schinz (2)
O. viride (L.f.) Aiton var. *undulatum* (Willd.) J.F.Macbr. (2)
Perennial. Geophyte. Ht 0.05–0.4 m. Alt ± 150–1220 m. N, NC, WC, EC

undulatum (Willd.) Spreng., illegitimate name = **O. undulatum**

undulatum (Willd.) Spreng. var. *zeyheri* (Baker) T.Durand & Schinz = **O. zeyheri**

viride in sense of authors, not of (L.f.) Aiton = **O. vulgare**

viride (L.f.) Aiton
Melanthium viride L.f. (2)
O. glaucum Salisb., illegitimate name (2)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 15–250 m. WC

viride (L.f.) Aiton var. *grandiflorum* (Baker) T.Durand & Schinz = **O. undulatum**

viride (L.f.) Aiton var. *undulatum* (Willd.) J.F.Macbr. = **O. undulatum**

vulgare B.Nord.
O. glaucum in sense of authors, not of Salisb. (2)
O. viride in sense of authors, not of (L.f.) Aiton (2)
Perennial. Geophyte. Ht 0.15–1.52 m. Alt 90–2000 m. N, B, LIM, G, FS, NC

zeyheri (Baker) B.Nord.
O. glaucum Salisb. var. *zeyheri* Baker (2)
O. undulatum (Willd.) Spreng. var. *zeyheri* (Baker) T.Durand & Schinz (2)
Perennial. Geophyte. Ht 0.02–0.1 m. Alt 550–950 m. NC, WC

SANDERSONIA Hook. 0965000

(1) Baker. 1897. *FC* 6: 526, 527.
(2) Hennessy. 1978. *The Flowering Plants of Africa* 44: t. 1755.

aurantiaca Hook.
Perennial. Herb, geophyte, climber. Ht 0.3–2.74 m. Alt 45–1950 m. M, S, KZN, EC

WURMBEA Thunb. 0972000

(1) Phillips. 1934. *The Flowering Plants of South Africa* 14: tt. 534, 535.
(2) Nordenstam. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 211–233.
(3) Nordenstam. 1986. *Opera Botanica* 87: 1–41.

angustifolia B.Nord.
Perennial. Geophyte. Ht 0.03–0.2 m. Alt 1340–3050 m. FS, KZN, L, EC

burttii B.Nord.
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 2400–2900 m. KZN, L

campanulata Willd., illegitimate name = **W. spicata** var. **spicata**

campanulata Willd. var. *latifolia* Baker = **W. variabilis**

campanulata Willd. var. *longiflora* Baker = **W. dolichantha**

campanulata Willd. var. *marginata* Schltdl. = **W. spicata** var. **spicata**

campanulata Willd. var. *pumila* Schult. & Schult.f. = **W. capensis**

campanulata Willd. var. *purpurea* (Aiton) Schltdl. = **W. marginata**

campanulata Willd. var. *unicolor* Schltdl. = **W. dolichantha**

capensis Thunb.
Melanthium pumilum (Willd.) Ker Gawl., illegitimate name (3)
Melanthium wurmbaea Thunb. (3)
Melanthium wurmbeum Thunb. (3)
W. campanulata Willd. var. *pumila* Schult. & Schult.f. (3)
W. pumila Willd., illegitimate name, in part (3)
W. spicata (Burm.f.) T.Durand & Schinz forma *pumila* T.Durand & Schinz (3)
Perennial. Geophyte. Ht 0.02–0.08 m. Alt ?–200 m. WC

capensis Thunb. var. *inusta* Baker = **W. inusta**

capensis Thunb. var. *latifolia* (Baker) Baker = **W. variabilis**

capensis Thunb. var. *longiflora* (Baker) Baker = **W. dolichantha**

capensis Thunb. var. *purpurea* (Aiton) Baker = **W. marginata**

capensis Thunb. var. *truncata* (Schltdl.) Baker = **W. monopetala**

compacta B.Nord.
Perennial. Geophyte. Ht 0.04–0.18 m. Alt? WC

conferta N.E.Br. = **W. spicata** var. **ustulata**

dolichantha B.Nord.
Melanthium longiflorum (Willd.) Ker Gawl, illegitimate name (3)
Melanthium tubiflorum Sol. ex Baker (3)
W. campanulata Willd. var. *longiflora* Baker (3)
W. campanulata Willd. var. *unicolor* Schltdl. (3)
W. capensis Thunb. var. *longiflora* (Baker) Baker (3)
W. longiflora Willd., illegitimate name, in part (3)
W. spicata (Burm.f.) T.Durand & Schinz var. *longiflora* (Baker) T.Durand & Schinz (3)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–150 m. NC, WC

dolichantha B.Nord. × **W. inusta** (Baker) B.Nord.
Perennial. Geophyte. Ht up to 0.18 m. Alt? WC

dolichantha B.Nord. × **W. robusta** B.Nord.
Perennial. Geophyte. Ht? Alt? WC

elatior B.Nord.
Perennial. Geophyte. Ht 0.27–0.4 m. Alt 1200–3000 m. FS, KZN, L, EC

elongata B.Nord.
Perennial. Geophyte. Ht 0.07–0.2 m. Alt ?–304 m. WC

elongata B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **spicata**
Perennial. Geophyte. Ht 0.18–0.22 mm. Alt? WC

hiemalis B.Nord.
Perennial. Geophyte. Ht 0.04–0.15 m. Alt 152–300 m. WC

hiemalis B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **spicata**
Perennial. Geophyte. Ht? Alt? WC

inusta (Baker) B.Nord.
W. capensis Thunb. var. *inusta* Baker (3)
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 100–250 m. WC

inusta (Baker) B.Nord. × **W. marginata** (Desr.) B.Nord.
Perennial. Geophyte. Ht 0.05–0.07 m. Alt ?–100 m. WC

inusta (Baker) B.Nord. × **W. recurva** B.Nord.
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC

kraussii Baker
Perennial. Geophyte. Ht 0.07–0.15 m. Alt 15–2468 m. M, S, FS, KZN, L, EC

longiflora Willd., illegitimate name, in part = **W. dolichantha**

longiflora Willd., illegitimate name, in part = **W. monopetala**

marginata (Desr.) B.Nord.
Melanthium marginatum Desr. (3)
W. campanulata Willd. var. *purpurea* (Aiton) Schltdl. (3)
W. capensis Thunb. var. *purpurea* (Aiton) Baker (3)
W. purpurea Aiton (3)
W. spicata (Burm.f.) T.Durand & Schinz forma *marginata* (Desr.) T.Durand & Schinz (3)
W. spicata (Burm.f.) T.Durand & Schinz forma *purpurea* (Aiton) T.Durand & Schinz (3)
Perennial. Geophyte. Ht 0.06–0.22 m. Alt 45–685 m. WC

marginata (Desr.) B.Nord. × **W. monopetala** (L.f.) B.Nord.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

marginata (Desr.) B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.
Perennial. Geophyte. Ht 0.08–0.12 m. Alt? WC

marginata (Desr.) B.Nord. × **W. variabilis** B.Nord.
Perennial. Geophyte. Ht up to 0.15 m. Alt ?–240 m. WC

minima B.Nord.
Perennial. Geophyte. Ht 0.01–0.05 m. Alt? WC

monopetala (L.f.) B.Nord.
Melanthium monopetalum L.f. (3)
W. capensis Thunb. var. *truncata* (Schltdl.) Baker (3)
W. longiflora Willd., illegitimate name, in part (3)
W. spicata (Burm.f.) T.Durand & Schinz forma *truncata* (Schltdl.) T.Durand & Schinz (3)
W. spicata (Burm.f.) T.Durand & Schinz var. *truncata* (Schltdl.) Adamson (3)
W. truncata Schltdl. (3)
Perennial. Geophyte. Ht 0.05–0.25 m. Alt 335–870 m. WC

monopetala (L.f.) B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.
Perennial. Geophyte. Ht 0.07–0.12 m. Alt? WC

pumila Willd., illegitimate name, in part = **W. capensis**

purpurea Aiton = **W. marginata**

pusilla E.Phillips
Perennial. Geophyte. Ht 0.01–0.1 m. Alt ?–3050 m. KZN, L

recurva B.Nord.
W. spicata (Burm.f.) T.Durand & Schinz forma *revoluta* T.Durand & Schinz (3)
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 260–500 m. WC

robusta B.Nord.
Perennial. Geophyte. Ht 0.12–0.3 m. Alt ?–45 m. WC

spicata (Burm.f.) T.Durand & Schinz forma *marginata* (Desr.) T.Durand & Schinz = **W. marginata**

spicata (Burm.f.) T.Durand & Schinz forma *pumila* T.Durand & Schinz = **W. capensis**

spicata (Burm.f.) T.Durand & Schinz forma *purpurea* (Aiton) T.Durand & Schinz = **W. marginata**

spicata (Burm.f.) T.Durand & Schinz forma *revoluta* T.Durand & Schinz = **W. recurva**

spicata (Burm.f.) T.Durand & Schinz forma *truncata* (Schltdl.) T.Durand & Schinz = **W. monopetala**

spicata (Burm.f.) T.Durand & Schinz var. *latifolia* (Baker) T.Durand & Schinz = **W. variabilis**

spicata (Burm.f.) T.Durand & Schinz var. *longiflora* (Baker) T.Durand & Schinz = **W. dolichantha**

spicata (Burm.f.) T.Durand & Schinz var. **spicata**
Melanthium spicatum Burm.f. (3)
W. campanulata Willd., illegitimate name (3)
W. campanulata Willd. var. *marginata* Schltdl. (3)
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 100–915 m. WC

spicata (Burm.f.) T.Durand & Schinz var. *truncata* (Schltdl.) Adamson = **W. monopetala**

spicata (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.
W. conferta N.E.Br. (3)
W. ustulata B.Nord. (3)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–790 m. NC, WC

tenuis (Hook.f.) Baker subsp. **australis** B.Nord.
Perennial. Geophyte. Ht 0.02–0.06 m. Alt ?–3000 m. L

truncata Schltdl. = **W. monopetala**

ustulata B.Nord. = **W. spicata** var. **ustulata**

variabilis B.Nord.
W. campanulata Willd. var. *latifolia* Baker (3)
W. capensis Thunb. var. *latifolia* (Baker) Baker (3)
W. spicata (Burm.f.) T.Durand & Schinz var. *latifolia* (Baker) T.Durand & Schinz (3)
Perennial. Geophyte. Ht 0.03–0.2 m. Alt 0–1450 m. NC, WC, EC

COMMELINACEAE

Compiled by E.T. Moeng

ANEILEMA R.Br. 0899000

(1) Clarke. 1897. *FC* 7: 12, 13.
(2) Druten. 1959. *The Flowering Plants of Africa* 33: t. 1302.
(3) Faden. 1979. *The Flowering Plants of Africa* 45: t. 1785.
(4) Faden. 1984. *Bothalia* 15: 89–100.
(5) Faden. 1985. *FSA* 4: 36–46.

aequinoctiale (P.Beauv.) Loudon
Perennial. Herb. Ht 0.3–1 m. Alt 0–2000 m. LIM, M, S, KZN, EC

arenicola Faden
Annual. Herb. Ht? Alt? KZN

brunneospermum Faden
Annual. Herb. Ht 0.4–0.6 m. Alt 150–950 m. M, S, KZN

dregeanum Kunth
Perennial. Herb. Ht 0.4–0.45 m. Alt 0–940 m. S, KZN, EC

hockii De Wild.
Perennial. Herb. Ht 0.3–1.2 m. Alt 640–1280 m. N, B, LIM, NW, G, M

indehiscens Faden subsp. **lilacinum** Faden
Perennial. Herb. Ht? Alt 10–550 m. LIM, M, S, KZN

johnstonii K.Schum.
Perennial. Herb. Ht ?–0.6 m. Alt? B

longirrhizum Faden
Perennial. Herb. Ht? Alt 760–850 m. LIM

nicholsonii C.B.Clarke
Annual. Herb. Ht 0.3–0.6 m. Alt? N, LIM

schlechteri K.Schum.
Annual. Herb. Ht? Alt ?–1067 m. S

zebrinum Chiov.
Ballya zebrina (Chiov.) Brenan (5)
Perennial. Herb. Ht? Alt 25–30 m. KZN

BALLYA Brenan 0899020

zebrina (Chiov.) Brenan = **Aneilema zebrinum**

COLEOTRYPE C.B.Clarke 0903000

(1) Clarke. 1897. *FC* 7: 13.
(2) Obermeyer. 1966. *The Flowering Plants of Africa* 37: t. 1465.
(3) Obermeyer & Faden. 1985. *FSA* 4: 49, 50.
(4) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 340.

natalensis C.B.Clarke
Perennial. Herb. Ht ?–0.5 m. Alt 5–950 m. LIM, S, KZN, EC

COMMELINA L. 0896000

(1) Clarke. 1897. *FC* 7: 8–11.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 42.
(3) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 321, 323, 326.
(4) Merxmüller. 1967. *FSWA*. 157: 2–9.
(5) Obermeyer. 1981. *Bothalia* 13. 436, 437.
(6) Obermeyer. 1983. *The Flowering Plants of Africa* 47: t. 1876.
(7) Obermeyer & Faden. 1985. *FSA* 4: 24–35.
(8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* IV: 595.

africana L. var. **africana**
C. welwitschii C.B.Clarke (7)
Perennial. Herb. Ht up to 0.5 m. Alt 2–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

africana L. var. **barberae** (C.B.Clarke) C.B.Clarke
C. karooica C.B.Clarke (4)
Perennial. Herb. Ht 0.15–0.5 m. Alt 1250–1400 m. N, B, LIM, NW, G, M, L, NC, WC, EC

africana L. var. *boehmiana* (K.Schum.) Brenan = **C. africana** var. **krebsiana**

africana L. var. *brevipila* Brenan = **C. africana** var. **krebsiana**

africana L. var. *glabriuscula* (Norl.) Brenan = **C. africana** var. **lancispatha**

africana L. var. **krebsiana** (Kunth) C.B.Clarke
C. africana L. var. *boehmiana* (K.Schum.) Brenan (7)
C. africana L. var. *brevipila* Brenan (7)
C. africana L. var. *milleri* Brenan (7)
C. africana L. var. *villosior* (C.B.Clarke) Brenan (7)
Perennial. Herb. Ht 0.3–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

africana L. var. **lancispatha** C.B.Clarke
C. africana L. var. *glabriuscula* (Norl.) Brenan (7)
Perennial. Herb. Ht 0.1–0.5 m. Alt 10–2160 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

africana L. var. *milleri* Brenan = **C. africana** var. **krebsiana**

africana L. var. *villosior* (C.B.Clarke) Brenan = **C. africana** var. **krebsiana**

albescens in sense of C.B.Clarke, not of Hassk., misapplied name = **C. livingstonii**

aspera Benth.
Annual. Herb. Ht 0.2–0.35 m. Alt? N, B

bella Oberm.
Perennial. Herb. Ht 0.2–0.3 m. Alt 0–1220 m. LIM, NW, G

benghalensis L.
Annual. Herb. Ht 0.19–0.91 m. Alt 5–2073 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

bracteosa Hassk., misapplied name = **C. erecta**

diffusa Burm.f. subsp. **diffusa**
Annual, occ. perennial. Herb, helophyte. Ht 0.1–0.87 m. Alt 5–1220 m. B, LIM, M, S, KZN, WC, EC

diffusa Burm.f. subsp. **scandens** (C.B.Clarke) Oberm.
C. scandens Welw. ex C.B.Clarke (5)
Annual, occ. perennial. Herb, helophyte. Ht 0.3–1.75 m. Alt 303–1030 m. N, B, LIM, G, M, S, KZN

eckloniana Kunth
Perennial. Herb. Ht 0.1–0.6 m. Alt 120–2134 m. LIM, NW, G, M, S, KZN, EC

erecta L.
C. bracteosa Hassk., misapplied name
C. gerrardii C.B.Clarke (7)
C. undulata R.Br. (7)
Perennial. Herb. Ht 0.2–0.9 m. Alt 5–1220 m. N, B, LIM, NW, M, S, KZN, EC

fluviatilis Brenan
Annual, occ. perennial. Herb, helophyte. Ht ?–0.3 m. Alt? N

forskaolii Vahl
Annual, occ. perennial. Herb. Ht 0.17–0.3 m. Alt ?–940 m. N, B, LIM, NW, KZN

gerrardii C.B.Clarke = **C. erecta**

imberbis Hassk.
C. kotschyi Hassk. (7)
Annual. Herb. Ht 0.4–1.2 m. Alt ?–460 m. LIM, NW, M, S, KZN

karooica C.B.Clarke = **C. africana** var. **barberae**

kotschyi Hassk. = **C. imberbis**

livingstonii C.B.Clarke
C. albescens in sense of C.B.Clarke, not of Hassk., misapplied name (7)
Perennial. Herb. Ht 0.1–0.3 m. Alt 30–1646 m. N, B, LIM, NW, G, M, FS, KZN, EC

modesta Oberm.
Perennial. Herb. Ht 0.12–0.3 m. Alt 5–1525 m. LIM, NW, G, M, S, KZN, EC

petersii Hassk.
Perennial. Herb. Ht ?–0.5 m. Alt? N, B, LIM

rogersii Burtt Davy
Perennial. Herb. Ht ?–0.3 m. Alt ?–1410 m. LIM

scandens Welw. ex C.B.Clarke = **C. diffusa** subsp. **scandens**

subulata Roth
Annual. Herb, helophyte. Ht 0.1–0.25 m. Alt 380–1875 m. N, B, LIM, NW, G, M, S, FS, KZN

undulata R.Br. = **C. erecta**

welwitschii C.B.Clarke = **C. africana** var. **africana**

zambesica C.B.Clarke
Annual. Herb. Ht ?–0.3 m. Alt 765–1030 m. N, B, LIM, M

CYANOTIS D.Don 0904000

(1) Clarke. 1897. *FC* 7: 13, 14.
(2) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 318.
(3) Obermeyer. 1981. *Bothalia* 13: 437–439.
(4) Obermeyer & Faden. 1985. *FSA* 4: 50–56.
(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 26.

foecunda Hassk.
Perennial. Herb. Ht ± 0.3 m. Alt? N, B

lanata Benth.
Annual. Herb. Ht 0.1–0.2 m. Alt 700–765 m. N, B, LIM, M, S

lapidosa E.Phillips
Perennial. Herb. Ht 0.07–0.35 m. Alt 762–1981 m. LIM, NW, G, M, S, FS, KZN

longifolia Benth. var. **longifolia**
Perennial, occ. annual. Herb. Ht 0.35–0.90 m. Alt? N

nodiflora Kunth = **C. speciosa**

pachyrrhiza Oberm.
Perennial. Herb. Ht 0.1–0.12 m. Alt 1494–2194 m. LIM, M

robusta Oberm.
Perennial. Herb. Ht ?–0.25 m. Alt ?–1505 m. LIM, KZN

speciosa (L.f.) Hassk.
C. nodiflora Kunth (4)
Perennial. Herb. Ht 0.1–1.35 m. Alt 10–2316 m. N, B, LIM, NW, M, S, FS, KZN, L, NC, WC, EC

FLOSCOPA Lour. 0908000

(1) Clarke. 1897. *FC* 7: 14, 15.
(2) Brenan. 1968. *FWTA* 3: 26–29.
(3) Obermeyer & Faden. 1985. *FSA* 4: 56–59.

flavida C.B.Clarke
Annual. Herb, hydrophyte. Ht ?–0.1 m. Alt? N

glomerata (Willd. ex Schult. & Schult.f.) Hassk.
F. rivularis (A.Rich.) C.B.Clarke (2)
Perennial. Herb, helophyte. Ht 0.27–0.6 m. Alt 15–1525 m. N, B, LIM, NW, G, M, S, KZN, EC

leiothyrsa Brenan
Annual. Herb, helophyte. Ht ?–1 m. Alt? B

rivularis (A.Rich.) C.B.Clarke = **F. glomerata**

MURDANNIA Royle 0899010

(1) Clarke. 1897. *FC* 7: 7–15.
(2) Brenan. 1953. *Kew Bulletin* 8: 192.
(3) Obermeyer. 1985. *FSA* 4: 47.

simplex (Vahl) Brenan
M. sinicum (Ker Gawl.) G.Brückn. (2)
Perennial. Herb. Ht 0.3–0.6 m. Alt 15–1295 m. N, LIM, M, S, KZN

sinicum (Ker Gawl.) G.Brückn. = **M. simplex**

*TRADESCANTIA L. 0911000

(1) Hunt. 1984. *European garden flora* 2: 30, 31.
(2) Obermeyer & Faden. 1985. *FSA* 4: 59, 60.

fluminensis Vell.
Perennial. Herb. Ht? Alt 40–1219 m. M, S, KZN

CYMODOCEACEAE

Compiled by R.P. Glen & C.D.K. Cook

CYMODOCEA Koenig 0060000

ciliata (Forssk.) Ehrenb. ex Asch. = **Thalassodendron ciliatum**

HALODULE Endl. 0061000

(1) Obermeyer. 1966. *FSA* 1: 76, 77.
(2) Den Hartog. 1970. *Verhandelingen der Koninklijke Nederlandsche Akademie van Wetenschappen* 59: 146–160.
(3) Dahlgren *et al.* 1985. *The families of the monocotyledons*: 320–322.

uninervis (Forssk.) Asch.
Perennial. Herb, hydrophyte: rosulate. Ht 0.06–0.15 m. Alt 0–2 m. KZN

THALASSODENDRON Hartog 0060010

(1) Obermeyer. 1966. *FSA* 1: 73–76.
(2) Den Hartog. 1970. *Verhandelingen der Koninklijke Nederlandsche Akademie van Wetenschappen* 59: 186–194.

ciliatum (Forssk.) Hartog
Cymodocea ciliata (Forssk.) Ehrenb. ex Asch. (2)
Perennial. Herb, hydrophyte: rosulate. Ht 0.1–0.3 m. Alt 0–2 m. KZN

CYPERACEAE

Compiled by C. Archer

ABILDGAARDIA Vahl 0471020

(1) Gordon-Gray. 1966. *Journal of South African Botany* 32: 141–152.
(2) Lye. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 539–547.
(3) Kral. 1971. *Sida* 4: 72.
(4) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 91–130 (incl. *Bulbostylis*).
(5) Gordon-Gray. 1995. *Strelitzia* 2: 19, 20.

boeckeleriana (Schweinf.) Lye var. *boeckeleriana* = **Bulbostylis boeckeleriana**

burchellii (Ficalho & Hiern) Lye = **Bulbostylis burchellii**

collina (Ridl.) Lye = **Bulbostylis scabricaulis**

contexta (Nees) Lye = **Bulbostylis contexta**

densa (Wall.) Lye subsp. *afromontana* Lye = **Bulbostylis densa** subsp. **afromontana**

erratica (Hook.) Lye subsp. *schoenoides* (Kunth) Lye = **Bulbostylis schoenoides**

filamentosa (Vahl) Lye = **Bulbostylis filamentosa**

filamentosa (Vahl) Lye var. *holubii* (C.B.Clarke) Lye = **Bulbostylis scabricaulis**

hispidula (Vahl) Lye var. *pyriformis* Lye = **Bulbostylis hispidula** subsp. **pyriformis**

hygrophila (Gordon-Gray) Lye
Fimbristylis hygrophila Gordon-Gray (2)
Perennial. Herb, cyperoid, helophyte. Ht 0.23–0.45 m. Alt 1–655 m. KZN, EC

oritrephes (Ridl.) Lye = **Bulbostylis oritrephes**

ovata (Burm.f.) Kral
Carex ovata Burm.f. (3)
Cyperus monostachyos L. (3)
Fimbristylis monostachya (L.) Hassk. (3)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.5 m. Alt 10–2250 m. LIM, NW, G, M, S, FS, KZN, L, EC

parvinux (C.B.Clarke) Lye = **Bulbostylis parvinux**

pusilla (A.Rich.) Lye = **Bulbostylis pusilla**

schlechteri (C.B.Clarke) Lye = **Bulbostylis schlechteri**

scleropus (C.B.Clarke) Lye = **Bulbostylis scleropus**

trabeculata (C.B.Clarke) Lye = **Bulbostylis trabeculata**

triflora (L.) Abeyw.
A. tristachya Vahl, illegitimate name (4)
Cyperus triflorus L. (4)
Fimbristylis triflora (L.) K.Schum. (4)
Fimbristylis tristachya (Vahl) Thwaites (5)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.75 m. Alt 5–300 m. N, B, M, S, KZN

tristachya Vahl, illegitimate name = **A. triflora**

variegata (Gordon-Gray) Lye = **Fimbristylis variegata**

ACRIULUS Ridl. 0518000

greigiifolius Ridl. = **Scleria greigiifolia**

ACROLEPIS Schrad. 0464010

ramosissima (Kunth) Boeck. = **Ficinia ramosissima**

trichodes Schrad. = **Ficinia trichodes**

ALINULA J.Raynal 0459050

(1) Goetghebeur & Vorster. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 457–465.

paradoxa (Cherm.) Goetgh. & Vorster
Cyperus subparadoxus Kük. (1)
Lipocarpha paradoxa Cherm. (1)
Mariscus paradoxus (Cherm.) Cherm. (1)
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ± 80–± 1000 m. N, LIM, M, KZN

ANOSPORUM Nees 0459005

pectinatus (Vahl) Lye = **Cyperus pectinatus**

ASCOLEPIS Steud. 0454000

(1) Clarke. 1898. *FC* 7: 266, 267.
(2) Podlech. 1967. In Merxmüller, *FSWA* 165: 3, 4.
(3) Goetghebeur. 1980. *Adansonia* sér. 2, 19: 269–305.
(4) Lye. 1982. *Nordic Journal of Botany* 2: 561–566.

capensis (Kunth) Ridl.
Platylepis capensis Kunth (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.12–0.91 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

pusilla Ridl. var. **pusilla**
Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.1 m. Alt ?–± 1000 m. N

ASTEROCHAETE Nees 0480000

angustifolia Nees = **Carpha capitellata**

capitellata in sense of Levyns in part, not of Nees = **Carpha bracteosa**

capitellata Nees = **Carpha capitellata**

glomerata (Thunb.) Nees = **Carpha glomerata**

ludwigii Hochst. = **Carpha capitellata**

AULACORHYNCHUS Nees 0526000

crinifolius Nees = **Tetraria crinifolia**

BOECKELERIA T.Durand 0484000

nigrovaginata (Nees) Pfeiff. = **Tetraria nigrovaginata**

BOLBOSCHOENUS (Asch.) Palla 0468030

(1) Goetghebeur & Simpson. 1991. *Kew Bulletin* 46: 169–178.
(2) Smith. 1995. *Novon* 5: 97–102.

glaucus (Lam.) S.G.Sm.
Scirpus glaucus Lam. (2)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–1.5 m. Alt 1–1200 m. N, B, LIM, NW, FS, KZN, NC

maritimus (L.) Palla
Scirpus maritimus L. (1)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–1.75 m. Alt 0–640 m. G, NC, WC, EC

nobilis (Ridl.) Goetgh. & D.A.Simpson
Scirpus laeteflorens C.B.Clarke (1)
Scirpus maritimus L. var. *laeteflorens* (C.B.Clarke) Kük. (1)

Scirpus maritimus L. var. *nobilis* (Ridl.) C.B.Clarke (1)
Scirpus nobilis Ridl. (1)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.5 m. Alt ?–700 m. N

BUEKIA Nees, not of Giseke 0494040

punctoria (Vahl) Nees, illegitimate name = **Neesenbeckia punctoria**

BULBOSTYLIS Kunth 0471010

(1) Clarke. 1898. *FC* 7: 204–210.
(2) Clarke. 1902. *FTA* 8: 427–446.
(3) Bodard. 1963. *Annals of the Faculty of Science, University of Dakar* 9: 77.
(4) Gordon-Gray. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 549–574.
(5) Haines. 1983. In Haines & Lye, *The sedges and rushes of East Africa*, Appendix 3: 1, 2.
(6) Goetghebeur & Coudijzer. 1985. *Bulletin du Jardin Botanique National de Belgique* 55: 207–259.
(7) Burtt. 1986. Cyperaceae. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 43: 353–366.
(8) Gordon-Gray. 1995. *Strelitzia* 2: 25–36, 209.
(9) Archer. Personal communication.

***barbata** (Rottb.) C.B.Clarke
Scirpus barbatus Rottb. (3)
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ?–400 m. S

boeckeleriana (Schweinf.) Beetle
Abildgaardia boeckeleriana (Schweinf.) Lye var. *boeckeleriana* (6)
B. cinnamomea in sense of C.B.Clarke in part, not of (Boeck.) C.B.Clarke (8)
Scirpus boeckelerianus Schweinf. (6)
Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 25–1460 m. LIM, G, M, KZN

breviculmis Kunth = **B. humilis**

burchellii (Ficalho & Hiern) C.B.Clarke
Abildgaardia burchellii (Ficalho & Hiern) Lye (8)
Fimbristylis burchellii Ficalho & Hiern (1)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.49 m. Alt 180–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

capillaris (L.) C.B.Clarke var. *trifida* in sense of authors, not of (Nees) C.B.Clarke = **B. densa** subsp. **afromontana**

cardiocarpa (Ridl.) C.B.Clarke var. *holubii* C.B.Clarke = **B. scabricaulis**

cinnamomea in sense of C.B.Clarke in part, not of (Boeck.) C.B.Clarke = **B. boeckeleriana**

collina (Kunth) C.B.Clarke = **B. contexta**

contexta (Nees) M.Bodard
Abildgaardia contexta (Nees) Lye (8)
B. collina (Kunth) C.B.Clarke (3)
B. kirkii C.B.Clarke (4)
B. zeyheri C.B.Clarke (3)
Isolepis collina Kunth (3)
Trichelostylis contexta Nees (3)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.29 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

densa (Wall.) Hand.-Mazz. subsp. **afromontana** (Lye) R.W.Haines
Abildgaardia densa (Wall.) Lye subsp. *afromontana* Lye (5)
B. capillaris (L.) C.B.Clarke var. *trifida* in sense of authors, not of (Nees) C.B.Clarke (8)
Annual. Herb, cyperoid, mesophyte. Ht 0.06–0.25 m. Alt ?–2100 m. LIM, M, S, FS, KZN, L, EC

filamentosa (Vahl) C.B.Clarke
Abildgaardia filamentosa (Vahl) Lye (6)
B. metralis Cherm. (6)
Scirpus filamentosus Vahl (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.46 m. Alt ?–± 1300 m. LIM

hispidula (Vahl) R.W.Haines subsp. **pyriformis** (Lye) R.W.Haines
Abildgaardia hispidula (Vahl) Lye var. *pyriformis* Lye (5)
Fimbristylis exilis in sense of authors, not of (Kunth) Roem. & Schult. (9)
Fimbristylis hispidula in sense of authors, not of (Vahl) Kunth (9)
Scirpus hispidulus in sense of authors, not of Vahl (9)
Annual. Herb, cyperoid, mesophyte. Ht 0.06–0.49 m. Alt 10–1890 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

humilis (Kunth) C.B.Clarke
B. breviculmis Kunth (4)
B. striatella C.B.Clarke (4)
Isolepis humilis Kunth (4)
Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.25 m. Alt 10–2955 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

kirkii C.B.Clarke = **B. contexta**

megastachys (Ridl.) C.B.Clarke
Fimbristylis megastachys Ridl. (6)
Perennial. Herb, cyperoid, mesophyte. Ht 0.4–0.6 m. Alt ?–± 1000 m. N

melanocephala in sense of authors, not of (Ridl.) C.B.Clarke = **B. pusilla**

metralis Cherm. = **B. filamentosa**

moggii Schönland & Turrill = **B. pusilla**

mucronata C.B.Clarke
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.08 m. Alt ?–± 1000 m. N

oritrephes (Ridl.) C.B.Clarke
Abildgaardia oritrephes (Ridl.) Lye (6)
B. oritrephes (Ridl.) C.B.Clarke subsp. *australis* B.L.Burtt (8)
B. trichobasis in sense of C.B.Clarke in part, not of (Baker) C.B.Clarke (8)
Fimbristylis oritrephes Ridl. (4)
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.45 m. Alt 200–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

oritrephes (Ridl.) C.B.Clarke subsp. *australis* B.L.Burtt = **B. oritrephes**

parva (Ridl.) C.B.Clarke = **B. pusilla**

parvinux C.B.Clarke
Abildgaardia parvinux (C.B.Clarke) Lye (6)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 60–110 m. KZN

pusilla (A.Rich.) C.B.Clarke
Abildgaardia pusilla (A.Rich.) Lye (6)
B. melanocephala in sense of authors, not of (Ridl.) C.B.Clarke (9)
B. moggii Schönland & Turrill (9)
B. parva (Ridl.) C.B.Clarke (6)
Fimbristylis pusilla A.Rich. (2)
Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.13 m. Alt ?–1070 m. N, LIM, NW, M, KZN

scabricaulis Cherm.
Abildgaardia collina (Ridl.) Lye (6)
Abildgaardia filamentosa (Vahl) Lye var. *holubii* (C.B.Clarke) Lye (6)
B. cardiocarpa (Ridl.) C.B.Clarke var. *holubii* C.B.Clarke (4)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.67 m. Alt ?–1370 m. NW, M, S

schlechteri C.B.Clarke
Abildgaardia schlechteri (C.B.Clarke) Lye (9)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.34 m. Alt ?–1500 m. LIM, G, M

schoenoides (Kunth) C.B.Clarke
Abildgaardia erratica (Hook.) Lye subsp. *schoenoides* (Kunth) Lye (9)
Isolepis schoenoides Kunth (1)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.4 m. Alt 100–2650 m. LIM, NW, G, M, KZN, L, EC

scleropus C.B.Clarke
Abildgaardia scleropus (C.B.Clarke) Lye (6)
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.5 m. Alt 90–2135 m. LIM, G, M, KZN, L, EC

striatella C.B.Clarke = **B. humilis**

trabeculata C.B.Clarke
Abildgaardia trabeculata (C.B.Clarke) Lye (9)
Fimbristylis barbata Ridl. (2)
Annual. Herb, cyperoid, mesophyte. Ht up to 0.21 m. Alt ?–940 m. N, B

trichobasis in sense of C.B.Clarke in part, not of (Baker) C.B.Clarke = **B. oritrephes**

zeyheri C.B.Clarke = **B. contexta**

CAPEOBOLUS Browning 0482010

(1) Browning & Gordon-Gray. 1999. *South African Journal of Botany* 65: 218–222.

brevicaulis (C.B.Clarke) Browning
Costularia brevicaulis C.B.Clarke (1)
Tetraria brevicaulis C.B.Clarke, never published (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.2 m. Alt 100–1800 m. WC, EC

CAREX L. 0525000

(1) Clarke. 1898. *FC* 7: 299–310.
(2) Clarke. 1908. *Kew Bulletin* Add. Ser. 8: 74.
(3) Kükenthal. 1909. *Das Pflanzenreich* 38: 67–767.
(4) Nelmes. 1940. *Kew Bulletin* 1939: 157–159.
(5) Nelmes. 1941. *Kew Bulletin* 1940: 135–137; 160–162; 269–272.
(6) Nelmes. 1954. In Brenan, *Memoirs of the New York Botanical Garden* 9: 95–101.
(7) Nelmes. 1955. *Kew Bulletin* 11: 83–88.
(8) Podlech. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 107–124.
(9) Raymond. 1964. *Le Naturaliste Canadien* 91: 126–132.
(10) Reid. 1991. *Systematics of the southern African species of* Carex *L. (Cyperaceae).* Unpublished M.Sc. thesis.
(11) Gordon-Gray. 1995. *Strelitzia* 2: 36–43.
(12) Archer & Balkwill. 1997. *South African Journal of Botany* 63: 342–344.
(13) Turland. 1997. *Taxon* 46: 341–345.

acocksii C.Archer
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.46 m. Alt ?–1580 m. NC

***acutiformis** Ehrh.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–0.8 m. Alt ?–2440 m. NW, G, M, FS, KZN, L, WC, EC

aethiopica Schkuhr
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–1.2 m. Alt 3–750 m. WC, EC

austro-africana (Kük.) Raymond
C. cernua Boott var. *austro-africana* Kük. (9)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.25–0.6 m. Alt 610–2225 m. LIM, G, M, S, KZN, L, EC

bisexualis C.B.Clarke = **Schoenoxiphium ecklonii** var. **unisexuale**

bolusii C.B.Clarke = **Schoenoxiphium sparteum**

buchananii C.B.Clarke = **Schoenoxiphium rufum** var. **rufum**

burchelliana Boeck.
Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.45 m. Alt ?–1500 m. NW, NC

cernua Boott var. *austro-africana* Kük. = **C. austro-africana**

clavata Thunb.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.4–1.7 m. Alt 5–610 m. WC, EC

cognata Kunth
C. cognata Kunth var. *drakensbergensis* (C.B.Clarke) Kük. (11)
C. drakensbergensis C.B.Clarke (11)
Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.8 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

cognata Kunth var. *drakensbergensis* (C.B.Clarke) Kük. = **C. cognata**

condensata C.B.Clarke, not of Nees = **C. zuluensis**

consanguinea Kunth = **C. divisa**

***divisa** Huds.
C. consanguinea Kunth (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.42 m. Alt 700–1450 m. FS, NC, WC, EC

drakensbergensis C.B.Clarke = **C. cognata**

ecklonii Nees
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.17–0.7 m. Alt 2–5 m. WC, EC

esenbeckiana Boeck. = **Schoenoxiphium lehmannii**

esenbeckiana Boeck. var. *elongata* Boeck. = **Schoenoxiphium sparteum**

flava in sense of C.B.Clarke, not of L. = **C. monotropa**

glomerabilis Krecz.
C. glomerata Thunb., illegitimate name (4)
C. leribensis Nelmes (10)
C. schlechteri Nelmes (11)
C. vulpina in sense of C.B.Clarke, not of L. (11)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.7 m. Alt 5–3050 m. G, M, FS, KZN, L, WC, EC

glomerata Thunb., illegitimate name = **C. glomerabilis**

huttoniana Kük. = **C. zuluensis**

killickii Nelmes
Perennial. Herb, cyperoid, helophyte. Ht up to 0.14 m. Alt ?–3230 m. L

lanceus (Thunb.) Baill. = **Schoenoxiphium lanceum**

leporina in sense of authors, not of L. = **C. ovalis**

leribensis Nelmes = **C. glomerabilis**

merxmuelleri Podlech = **C. zuluensis**

monotropa Nelmes
C. flava in sense of C.B.Clarke, not of L. (7)
Perennial. Herb, cyperoid, helophyte. Ht 0.02–0.06 m. Alt ?–3230 m. L, EC

mossii Nelmes
C. petitiana in sense of Kük., not of A.Rich. (4)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.4 m. Alt 515–1550 m. LIM, M, KZN, EC

***ovalis** Good.
C. leporina in sense of authors, not of L. (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.6 m. Alt ?–1800 m. EC

ovata Burm.f. = **Abildgaardia ovata**

petitiana in sense of Kük., not of A.Rich. = **C. mossii**

pubescens Poir. = **Fuirena pubescens**

ramosa Nees, not of Schkuhr = **Schoenoxiphium lanceum**

schimperianum Boeck. = **Schoenoxiphium sparteum**

schlechteri Nelmes = **C. glomerabilis**

spartea Wahlenb. = **Schoenoxiphium sparteum**

spicato-paniculata C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 1–1.4 m. Alt 345–2100 m. LIM, NW, M, S, FS, KZN, L

spicato-paniculata C.B.Clarke × **C. zuluensis** C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht ± 0.9–1 m. Alt 1770–± 2000 m. M, KZN

subinflata Nelmes
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–0.9 m. Alt ?–2865 m. KZN, L, EC

***sylvatica** Huds.
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.5 m. Alt ?–1275 m. KZN, EC

uhligii C.B.Clarke = **Schoenoxiphium lehmannii**

vulpina in sense of C.B.Clarke, not of L. = **C. glomerabilis**

wahlenbergiana C.B.Clarke = **C. zuluensis**

zeyheri C.B.Clarke = **Schoenoxiphium ecklonii** var. **ecklonii**

zuluensis C.B.Clarke
C. condensata C.B.Clarke, not of Nees (2)
C. huttoniana Kük. (6)
C. merxmuelleri Podlech (10)
C. wahlenbergiana C.B.Clarke (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.8–1.2 m. Alt 115–1830 m. LIM, M, S, KZN, L, EC

CARPHA R.Br. 0480010

(1) Clarke. 1898. *FC* 7: 269–271.
(2) Clarke. 1904. In De Wildeman, *Plantae novae vel minus cognitae ex herbario Horti Thenensis* 1: 37.
(3) Kükenthal. 1939. *Feddes Repertorium* 47: 101–119.
(4) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 119.
(5) Reid & Arnold. 1984. *Bothalia* 15: 139–142.
(6) Archer. Personal communication.

bracteosa C.B.Clarke
Asterochaete capitellata in sense of Levyns in part, not of Nees (5)
C. capitellata (Nees) Boeck. var. *bracteosa* (C.B.Clarke) Kük. (6)
Ficinia trinkleriana Pfeiff. (3)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.25–0.6 m. Alt 305–1669 m. WC, EC

capensis (Steud.) Pfeiff. = **Trianoptiles capensis**

capitellata (Nees) Boeck.
Asterochaete angustifolia Nees (3)
Asterochaete capitellata Nees (3)
Asterochaete ludwigii Hochst. (3)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.45 m. Alt 155–1495 m. LIM, M, WC, EC

capitellata (Nees) Boeck. var. *bracteosa* (C.B.Clarke) Kük. = **C. bracteosa**

filifolia Reid & T.H.Arnold
Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt ?–2440 m. M, FS, KZN, L

glomerata (Thunb.) Nees
Asterochaete glomerata (Thunb.) Nees (3)
Schoenus dactyloides Vahl (3)
Schoenus glomeratus Thunb., illegitimate name (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–3 m. Alt 20–1495 m. KZN, WC, EC

schlechteri C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht up to 0.4 m. Alt ?–1370 m. WC

solitaria (C.B.Clarke) Pfeiff. = **Trianoptiles solitaria**

CHAETOSPORA R.Br. 0477020

burmannii (Vahl) Schrad. = **Tetraria burmannii**

capillacea (Thunb.) Nees = **Tetraria capillacea**

fimbriolata Nees = **Tetraria fimbriolata**

robusta Kunth = **Tetraria robusta**

CHAMAEXYPHIUM Hochst. 0465020

dregeanum Steud. = **Ficinia pygmaea**

CHRYSITRIX L. 0500000

(1) Clarke. 1898. *FC* 7: 292, 293.
(2) Clarke. 1900. *FC* 7: 760.
(3) Pfeiffer. 1930. *Feddes Repertorium* 28: 17–24.
(4) Arnold. 1979. *The Flowering Plants of Africa* 46: t. 1806.

capensis L. var. **capensis**
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 215–1525 m. WC

capensis L. var. **subteres** C.B.Clarke
C. subteres (C.B.Clarke) Pfeiff. (3)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 460–1500 m. WC

dodii C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 425–1340 m. WC

junciformis Nees
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 350–1200 m. WC

subteres (C.B.Clarke) Pfeiff. = **C. capensis** var. **capensis**

CLADIUM P.Browne 0489000

(1) Kükenthal. 1942. *Feddes Repertorium* 51: 189.

jamaicense Crantz = **C. mariscus** subsp. **jamaicense**

mariscus in sense of C.B.Clarke, not of (L.) Pohl = **C. mariscus** subsp. **jamaicense**

mariscus (L.) Pohl subsp. **jamaicense** (Crantz) Kük.
C. jamaicense Crantz (1)
C. mariscus in sense of C.B.Clarke, not of (L.) Pohl (1)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–6 m. Alt 1–1400 m. N, B, LIM, NW, G, M, KZN, NC, WC, EC

COLEOCHLOA Gilly 0512000

(1) Nelmes. 1954. *Kew Bulletin* 1953: 373–381.

pallidior Nelmes
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 520–± 600 m. LIM

rehmanniana (C.B.Clarke) Gilly = **C. setifera**

setifera (Ridl.) Gilly
C. rehmanniana (C.B.Clarke) Gilly (1)
Eriospora rehmanniana C.B.Clarke (1)
Fintelmannia setifera Ridl. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.6 m. Alt 215–2150 m. LIM, NW, G, M, S, KZN

COSTULARIA C.B.Clarke 0482000

(1) Clarke. 1898. *FC* 7: 274, 275.
(2) Kükenthal. 1939. *Feddes Repertorium* 46: 68, 69.
(3) Archer. Personal communication.

brevicaulis C.B.Clarke = **Capeobolus brevicaulis**

natalensis C.B.Clarke
Tetraria natalensis (C.B.Clarke) Koyama (3)
Perennial. Herb, cyperoid, mesophyte. Ht 0.6–1.75 m. Alt 730–1980 m. LIM, M, S, KZN

COURTOISIA Nees 0461000

assimilis (Steud.) C.B.Clarke = **Courtoisina assimilis**

cyperoides (Roxb.) Nees = **Courtoisina cyperoides**

COURTOISINA Soják 0461050

(1) Maquet. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 265.
(2) Gordon-Gray. 1995. *Strelitzia* 2: 129, 209.
(3) Archer. Personal communication.

assimilis (Steud.) Maquet
Courtoisia assimilis (Steud.) C.B.Clarke (1)
Cyperus assimilis Steud. (1)
Mariscus assimilis (Steud.) Podlech (1)
Annual. Herb, cyperoid, helophyte. Ht up to 0.4 m. Alt 960–1280 m. N, B, LIM, NW, FS

cyperoides (Roxb.) Soják
Courtoisia cyperoides (Roxb.) Nees (2)
Cyperus pseudokyllingioides Kük. (2)
Cyperus pseudokyllingioides Kük. var. *africanus* Kük. (2)
Kyllinga cyperoides Roxb. (2)
Mariscus cyperoides (Roxb.) A.Dietr. (2)
Mariscus cyperoides (Roxb.) A.Dietr. subsp. *africanus* (Kük.) Podlech (2)
Pseudomariscus cyperoides (Roxb.) Rauschert (3)
Annual. Herb, cyperoid, helophyte. Ht up to 0.5 m. Alt ± 100–1300 m. N, B, LIM, G, M, S, KZN

CYATHOCOMA Nees 0494020

(1) Browning & Gordon-Gray. 1996. *South African Journal of Botany* 62: 250–257.
(2) Archer *et al.* 1997. *South African Journal of Botany* 63: 167–171.

bachmannii (Kük.) C.Archer
Tetraria bachmannii Kük. (2)
Tetraria thuarii in sense of C.B.Clarke, not of P.Beauv. var. *gracilior* C.B.Clarke (2)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.5 m. Alt 30–500 m. KZN, EC

ecklonii Nees
Macrochaetium ecklonii (Nees) Levyns (1)
Tetraria thuarii in sense of C.B.Clarke, not of P.Beauv. (1)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.2 m. Alt 180–1095 m. WC

hexandra (Nees) Browning
Macrochaetium dregei Steud. (1)
Macrochaetium hexandrum (Nees) Pfeiff. (1)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.5 m. Alt 15–850 m. WC, EC

nigrovaginata Nees = **Tetraria nigrovaginata**

CYPERUS L. 0459000

(1) Clarke. 1898. *FC* 7: 161–197.
(2) Clarke. 1901. *FTA* 8: 310–384.
(3) Clarke. 1902. *FTA* 8: 385–402.
(4) Kükenthal. 1922. *Feddes Repertorium* 18: 345, 346.
(5) Chermezon. 1925. *Bulletin de la Société Botanique de France* 72: 168–174.
(6) Kükenthal. 1931. *Feddes Repertorium* 29: 187–202.
(7) Kükenthal. 1935. *Das Pflanzenreich* 101: 1–162.
(8) Kükenthal. 1936. *Das Pflanzenreich* 101: 163–671.
(9) Podlech. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 107–124.
(10) Napper. 1966. *Journal of the East African Natural History Society and National Museum* 26: 1–17.
(11) Raynal. 1966. *Adansonia* sér. 2, 6: 581–588.
(12) Podlech. 1967. In Merxmüller, *FSWA* 165: 7–18, 31–38.
(13) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2, Vol. 3, 2: 280–296.
(14) Vorster. 1973. *The Flowering Plants of Africa* 42: t. 1666.
(15) Baijnath & Getliffe. 1976. *Journal of South African Botany* 42: 273–281.
(16) Fosberg. 1976. *Kew Bulletin* 31: 829–835.
(17) Baijnath. 1976. *Journal of South African Botany* 42: 369–375.
(18) Raynal. 1977. *Adansonia* sér. 2, 17: 43–47.
(19) Lye. 1981. *Nordic Journal of Botany* 1: 186–191.
(20) Vorster. 1981. *Bothalia* 13: 443, 444.
(21) Haines & Lye. 1983. *The sedges and rushes of East Africa.*: 145–293 (incl. *Kyllinga* & *Pycreus*).
(22) Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 356, 357.
(23) Vorster. 1986. *South African Journal of Botany* 52: 265, 266.
(24) Wilson. 1994. *Telopea* 5: 598.
(25) Gordon-Gray. 1995. *Strelitzia* 2: 45–76, 123–137.
(26) Schippers *et al.* 1995. *Systematic Botany* 20: 461–481.
(27) Archer. Personal communication.

albiceps Ridl. = **Kyllinga albiceps**

albostriatus Schrad.
Perennial. Herb, cyperoid, mesophyte. Ht 0.17–0.76 m. Alt 5–2130 m. LIM, NW, G, M, S, KZN, L, EC

alopecuroides Rottb.
Juncellus alopecuroides (Rottb.) C.B.Clarke (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.6–1.8 m. Alt ?–900 m. B, LIM, S, KZN

alopecuroides in sense of Thunb., not of Rottb. = **C. thunbergii**

alternifolius L. subsp. *flabelliformis* (Rottb.) Kük. = **C. involucratus**

amabilis Vahl
C. amabilis Vahl var. *subacaulis* Kük. (27)
Annual. Herb, cyperoid. Ht 0.05–0.25 m. Alt 715–1035 m. N, B, LIM, M, S

amabilis Vahl var. *subacaulis* Kük. = **C. amabilis**

amnicola Kunth = **C. rupestris** var. **amnicola**

angolensis Boeck.
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.6 m. Alt ?–960 m. LIM

aristatus Rottb., illegitimate name = **C. squarrosus**

aristatus Rottb. var. *atriceps* Kük., illegitimate name = **Mariscus aristatus** var. **atriceps**

articulatus L.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.6 m. Alt 2–1065 m. N, B, LIM, M, S, KZN

assimilis Steud. = **Courtoisina assimilis**

atribulbus Kük. = **Pycreus atribulbus**

bellus Kunth
C. remotiflorus Kük. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.06 m. Alt 915–2000 m. N, B, NW, FS, NC, WC, EC

betschuanus Boeck. = **Pycreus betschuanus**

brevis Boeck.
C. congestus Vahl var. *brevis* (Boeck.) Kük. (27)
Mariscus congestus (Vahl) C.B.Clarke var. *brevis* (Boeck.) C.B.Clarke (27)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.25–0.4 m. Alt 5–305 m. KZN, WC, EC

brunneo-vaginatus Boeck. = **C. marginatus**

bullatus Kük. = **C. chersinus**

capensis (Steud.) Endl.
Kyllinga capensis Steud. (8)
Mariscus capensis (Steud.) Schrad. (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–1 m. Alt 60–2100 m. LIM, NW, G, M, FS, KZN, NC, EC

chersinus (N.E.Br.) Kük.
C. bullatus Kük. (20)
Mariscus bullatus (Kük.) Podlech (20)
Mariscus chersinus N.E.Br. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–1.12 m. Alt 60–1130 m. N, B, LIM, KZN, NC

chrysanthus Boeck. = **Pycreus chrysanthus**

clavinux C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.1 m. Alt ?–± 1000 m. B

compactus Lam., not of Retz. = **C. obtusiflorus** var. **obtusiflorus**

compressus L.
Annual. Herb, cyperoid, mesophyte. Ht 0.1–0.6 m. Alt 5–1150 m. N, B, LIM, M, S, KZN

congestus Vahl
C. congestus Vahl var. *glanduliferus* (C.B.Clarke) Kük. (25)
C. congestus Vahl var. *grandiceps* Kük. (25)
C. congestus Vahl var. *pseudonatalensis* Kük. (25)
C. cooperi (C.B.Clarke) K.Schum. (25)
Mariscus congestus (Vahl) C.B.Clarke (27)
Mariscus congestus (Vahl) C.B.Clarke var. *glanduliferus* C.B.Clarke (25)
Mariscus congestus (Vahl) C.B.Clarke var. *grandiceps* (Kük.) Podlech (25)
Mariscus congestus (Vahl) C.B.Clarke var. *pseudonatalensis* (Kük.) Podlech (27)
Mariscus cooperi C.B.Clarke (25)
Perennial. Herb, cyperoid, helophyte. Ht 0.17–0.91 m. Alt 2–2425 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

congestus Vahl var. *brevis* (Boeck.) Kük. = **C. brevis**

congestus Vahl var. *glanduliferus* (C.B.Clarke) Kük. = **C. congestus**

congestus Vahl var. *grandiceps* Kük. = **C. congestus**

congestus Vahl var. *pseudonatalensis* Kük. = **C. congestus**

cooperi (C.B.Clarke) K.Schum. = **C. congestus**

crassipes Vahl
C. maritimus Poir. (18)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.4 m. Alt 5–30 m. KZN

crinitus Poir. = **Ficinia crinita**

cuspidatus Kunth
C. uncinatus in sense of C.B.Clarke, not of Poir. (13)
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ?–1815 m. N, B, LIM, NW, G, M, S, KZN

cyperoides (L.) Kuntze subsp. **cyperoides**
Mariscus nossibeensis Steud. (25)
Mariscus sieberianus C.B.Clarke (25)
Mariscus sublimis C.B.Clarke (27)
Mariscus sumatrensis (Retz.) J.Raynal (21)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.91 m. Alt 5–1525 m. B, LIM, M, S, KZN, EC

cyperoides (L.) Kuntze subsp. **flavus** Lye
Mariscus cylindristachyus Steud. (21)
Mariscus umbellatus in sense of Podlech, not of (Rottb.) Vahl (27)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ± 700–± 1000 m. N, LIM

cyperoides (L.) Kuntze subsp. **pseudoflavus** (Kük.) Lye
C. macer (Kunth) K.Schum., not of C.B.Clarke (8)
C. macrocarpus (Kunth) Boeck. var. *pseudoflavus* Kük. (21)
Mariscus macer Kunth (21)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.7 m. Alt 200–1370 m. LIM, NW, G, M, S, KZN, EC

deciduus Boeck.
Mariscus deciduus (Boeck.) C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.23–0.46 m. Alt ?–1675 m. N, B, LIM, G, M, S

denudatus L.f. var. **denudatus**
C. platycaulis in sense of authors, not of Baker (27)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.2–0.9 m. Alt 2–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

denudatus L.f. var. *sphaerospermus* (Schrad.) Kük. = **C. sphaerospermus**

dichroostachyus A.Rich.
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.7 m. Alt ?–1525 m. LIM, M

difformis L.
Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.05–0.8 m. Alt 2–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

digitatus Roxb. subsp. **auricomus** (Spreng.) Kük.
Perennial. Herb, cyperoid, helophyte. Ht 0.6–2 m. Alt 610–1130 m. N, B, LIM, NW, G, M, KZN

distans L.f.
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–1.4 m. Alt 5–1370 m. B, LIM, M, KZN, EC

dives Delile
C. immensus C.B.Clarke (21)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.82 m. Alt ?–1000 m. N, B, LIM, M, S, KZN, EC

dubius Rottb.
Mariscus dubius (Rottb.) C.E.C.Fisch. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.4 m. Alt 5–1065 m. N, B, LIM, M, S, KZN, EC

durus Kunth
Mariscus durus (Kunth) C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.53 m. Alt 5–335 m. WC, EC

elegantulus Steud. = **Pycreus niger** subsp. **elegantulus**

elephantinus (C.B.Clarke) Kük.
Mariscus elephantinus C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht up to 2.4 m. Alt ?–850 m. LIM, KZN

***eragrostis** Lam.
C. vegetus Willd. (8)
Annual. Herb, cyperoid, helophyte. Ht 0.25–0.9 m. Alt 395–1800 m. LIM, NW, G, FS, KZN, NC

esculentus L. var. *cyclolepis* Kük. = **C. esculentus** var. **esculentus**

esculentus L. var. **esculentus**
C. esculentus L. var. *cyclolepis* Kük. (26)
C. esculentus L. var. *nervoso-striatus* (Turrill) Kük. (26)
C. nervoso-striatus Turrill (26)
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.12–1 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

esculentus L. var. *nervoso-striatus* (Turrill) Kük. = **C. esculentus** var. **esculentus**

fastigiatus Rottb.
Perennial. Herb, cyperoid, helophyte. Ht 0.6–2.59 m. Alt 5–1735 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

fenzelianus K.Schum., not of Steud. = **C. rotundus** subsp. **tuberosus**

flavescens L. = **Pycreus flavescens**

fulgens C.B.Clarke var. **contractus** Kük.
C. usitatus Burch. subsp. *palmatus* Lye (27)
Perennial. Herb, cyperoid, geophyte, helophyte. Ht 0.1–0.3 m. Alt ± 350–1200 m. N, B, LIM, NW

fulgens C.B.Clarke var. **fulgens**
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht up to 0.3 m. Alt ?–1400 m. N, B, LIM, NW, G, M, FS, NC

fuscescens Link (insufficiently known) (27)

globosus All. var. *nilagirica* (Steud.) C.B.Clarke = **Pycreus betschuanus**

haematocephalus C.B.Clarke
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–0.6 m. Alt ?–1980 m. LIM, NW, G, M, FS, KZN, L, EC

hamulosus M.Bieb.
Mariscus hamulosus (M.Bieb.) S.S.Hooper (27)
Scirpus lugardii C.B.Clarke (11)
Annual. Herb, cyperoid, mesophyte. Ht 0.02–0.24 m. Alt ?–± 1000 m. N, B

hirsutus P.J.Bergius = **Fuirena hirsuta**

hirtus Thunb. = **Fimbristylis squarrosa**

holostigma Schweinf. = **C. schinzii**

imbricatus Retz.
C. radiatus Vahl (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.2 m. Alt 180–915 m. N, B, LIM, S, KZN

immensus C.B.Clarke = **C. dives**

indecorus Kunth var. **decurvatus** (C.B.Clarke) Kük.
C. indecorus Kunth var. *dinteri* Kük. (27)
Mariscus indecorus (Kunth) Podlech var. *decurvatus* (C.B.Clarke) Podlech (27)
Mariscus rehmannianus C.B.Clarke (27)
Mariscus vestitus (Hochst.) C.B.Clarke var. ? *decurvata* C.B.Clarke (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.5 m. Alt 170–1450 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

indecorus Kunth var. *dinteri* Kük. = **C. indecorus** var. **decurvatus**

indecorus Kunth var. **indecorus**
Mariscus indecorus (Kunth) Podlech var. *indecorus* (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 145–1400 m. LIM, NW, M, KZN, EC

indecorus Kunth var. **inflatus** (C.B.Clarke) Kük.
Mariscus albomarginatus C.B.Clarke (8)
Mariscus indecorus (Kunth) Podlech var. *inflatus* (C.B.Clarke) Podlech (27)
Mariscus inflatus C.B.Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.45 m. Alt 215–1370 m. LIM, NW, G, M, S, FS, KZN, WC, EC

indecorus Kunth var. **namaquensis** Kük.
Mariscus indecorus (Kunth) Podlech var. *namaquensis* (Kük.) Podlech (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.11–0.3 m. Alt ± 500–1585 m. N, LIM, NW, M, FS, KZN, NC, WC, EC

intactus Vahl = **Pycreus intactus**

involucratus Rottb.
C. alternifolius L. subsp. *flabelliformis* (Rottb.) Kük. (21)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.75 m. Alt 10–30 m. KZN

iria L.
Annual. Herb, cyperoid, helophyte. Ht 0.35–0.4 m. Alt 305–1300 m. N, B, LIM, NW, G, S

isocladus Kunth = **C. prolifer**

keniensis Kük.
Mariscus keniensis (Kük.) S.S.Hooper (27)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.24–0.8 m. Alt 305–2100 m. LIM, M, S, KZN

kirkii C.B.Clarke
C. thorncroftii McClean (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.13 m. Alt 350–1220 m. LIM, NW, M, S

laevigatus L.
C. laevigatus L. var. *subaphyllus* (Boeck.) Kük. (27)
Juncellus laevigatus (L.) C.B.Clarke (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.15–0.6 m. Alt 1–1435 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

laevigatus L. var. *subaphyllus* (Boeck.) Kük. = **C. laevigatus**

lapidicolus Kük. = **C. semitrifidus**

latifolius Poir.
C. latifolius Poir. var. *angustifolius* Hochst. (27)
C. latifolius Poir. var. *austro-africanus* Kük. (27)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.9 m. Alt 5–1220 m. B, LIM, G, M, S, KZN, EC

latifolius Poir. var. *angustifolius* Hochst. = **C. latifolius**

latifolius Poir. var. *austro-africanus* Kük. = **C. latifolius**

leptocladus Kunth
C. prasinus Kunth (27)
C. smithii McClean (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.41–1.75 m. Alt 395–2035 m. LIM, NW, G, M, S, KZN

leucoloma Nees = **Isolepis leucoloma**

longus L. subsp. *tenuiflorus* (Rottb.) Kük. = **C. longus** var. **tenuiflorus**

longus L. var. **longus**
Perennial. Herb, cyperoid, helophyte. Ht 0.1–1.7 m. Alt 15–1800 m. M, KZN, EC

longus L. var. **tenuiflorus** (Rottb.) Boeck.
C. longus L. subsp. *tenuiflorus* (Rottb.) Kük. (27)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.06 m. Alt 245–1340 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

macer (Kunth) K.Schum., not of C.B.Clarke = **C. cyperoides** subsp. **pseudoflavus**

macranthus Boeck. = **Pycreus macranthus**

macrocarpus (Kunth) Boeck.
Mariscus angularis Turrill (25)
Mariscus macrocarpus Kunth (8)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.7 m. Alt 5–30 m. S, KZN, EC

macrocarpus (Kunth) Boeck. var. *pseudoflavus* Kük. = **C. cyperoides** subsp. **pseudoflavus**

macrostachyos Lam. = **Pycreus macrostachyos**

maculatus Boeck.
Perennial. Herb, cyperoid, helophyte. Ht 0.14–0.6 m. Alt ?–1095 m. N, B, M

margaritaceus Vahl var. **margaritaceus**
C. pseudoniveus Boeck. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.75 m. Alt 12–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

marginatus Thunb.
C. brunneo-vaginatus Boeck. (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.52 m. Alt 5–2150 m. N, NW, G, M, S, FS, KZN, L, NC, EC

maritimus Poir. = **C. crassipes**

marlothii Boeck.
Mariscus marlothii (Boeck.) C.B.Clarke (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.24 m. Alt ± 1000–1500 m. N, B, NW, FS, NC

meyerianus Kunth (insufficiently known) (28)

micromegas Nees = **C. tenellus** var. **micromegas**

minutus Roth = **Isolepis marginata**

monostachyos L. = **Abildgaardia ovata**

multiglumis Turrill = **C. semitrifidus**

muricatus Kük. = **Pycreus muricatus**

mwinilungensis Podlech
C. mwinilungensis Podlech var. *maior* Podlech (27)
Perennial. Herb, cyperoid, geophyte, helophyte. Ht 0.3–0.45 m. Alt ?-± 1000 m. B

mwinilungensis Podlech var. *maior* Podlech = **C. mwinilungensis**

natalensis Hochst.
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1–1.3 m. Alt 1–60 m. KZN

nervoso-striatus Turrill = **C. esculentus** var. **esculentus**

nigricans Steud. = **Pycreus nigricans**

nitens Vahl = **Pycreus pumilus**

nitidus Lam. = **Pycreus nitidus**

niveus Retz. var. *flavissimus* (Schrad.) Lye, never published = **C. obtusiflorus** var. **flavissimus**

niveus Retz. var. *leucocephalus* (Kunth) Fosberg = **C. obtusiflorus** var. **obtusiflorus**

nudicaulis Poir. = **C. pectinatus**

obtusiflorus Vahl var. **flavissimus** (Schrad.) Boeck.
C. niveus Retz. var. *flavissimus* (Schrad.) Lye, never published (27)
C. obtusiflorus Vahl var. *sphaerocephalus* (Vahl) Kük. (27)
C. sphaerocephalus Vahl (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.45 m. Alt 300–2285 m. LIM, NW, G, M, S, FS, KZN, EC

obtusiflorus Vahl var. **obtusiflorus**
C. compactus Lam., not of Retz. (8)
C. niveus Retz. var. *leucocephalus* (Kunth) Fosberg (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.45 m. Alt 5–1770 m. B, LIM, NW, G, M, S, KZN, L, EC

obtusiflorus Vahl var. *sphaerocephalus* (Vahl) Kük. = **C. obtusiflorus** var. **flavissimus**

owanii Boeck.
Mariscus owanii (Boeck.) C.B.Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht up to 2.8 m. Alt 700–1800 m. LIM, M, KZN, EC

papyrus L.
Perennial. Herb, cyperoid, emergent hydrophyte, occ. sudd hydrophyte. Ht 0.17–4.5 m. Alt 7–1000 m. N, B, LIM, M, KZN

parvinux C.B.Clarke = **C. rupestris** var. **parvinux**

pectinatus Vahl
Anosporum pectinatus (Vahl) Lye (27)
C. nudicaulis Poir. (18)
Perennial. Herb, cyperoid, emergent hydrophyte or sudd hydrophyte. Ht 0.25–0.6 m. Alt 1–1030 m. N, B, KZN

pelophilus Ridl. = **Pycreus pelophilus**

permutatus Boeck. = **Pycreus permutatus**

platycaulis in sense of authors, not of Baker = **C. denudatus** var. **denudatus**

polystachyos Rottb. = **Pycreus polystachyos** var. **polystachyos**

prasinus Kunth = **C. leptocladus**

procerus Rottb.
C. procerus Rottb. var. *stenanthus* Kük. (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.5–0.9 m. Alt ?–± 1000 m. N, LIM

procerus Rottb. var. *stenanthus* Kük. = **C. procerus**

prolifer Lam.
C. isocladus Kunth (15)
C. prolifer Lam. var. *isocladus* (Kunth) Kük. (28)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–1.2 m. Alt 5–455 m. KZN, EC

prolifer Lam. var. *isocladus* (Kunth) Kük. = **C. prolifer**

pseudokyllingioides Kük. = **Courtoisina cyperoides**

pseudokyllingioides Kük. var. *africanus* Kük. = **Courtoisina cyperoides**

pseudoleptocladus Kük.
C. pseudoleptocladus Kük. var. *polycarpus* Kük. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–1.52 m. Alt ?–2150 m. LIM, NW, M, S, KZN

pseudoleptocladus Kük. var. *polycarpus* Kük. = **C. pseudoleptocladus**

pseudoniveus Boeck. = **C. margaritaceus** var. **margaritaceus**

pseudovestitus (C.B.Clarke) Kük.
Mariscus pseudovestitus C.B.Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 10–1480 m. N, LIM, M, S, KZN, EC

pulcher Thunb.
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.76 m. Alt 365–1250 m. KZN, EC

pumilus L. = **Pycreus pumilus**

pumilus L. var. *patens* (Vahl) Kük. = **Pycreus pumilus**

purpureus Boeck. = **C. schinzii**

pygmaeus Rottb.
Annual. Herb, cyperoid, mesophyte. Ht 0.025–0.25 m. Alt 200–800 m. LIM, KZN

radiatus Vahl = **C. imbricatus**

rehmii Merxm. (insufficiently known) (27)

remotiflorus Kük. = **C. bellus**

rigidifolius Steud.
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.5 m. Alt 435–2200 m. G, M, S, FS, KZN, EC

rothianus Roem. & Schult., illegitimate name = **Isolepis marginata**

rotundus L. subsp. **rotundus**
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.65 m. Alt 5–1370 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

rotundus L. subsp. *rotundus* var. *platystachys* C.B.Clarke = **C. rotundus** subsp. **tuberosus**

rotundus L. subsp. **tuberosus** (Rottb.) Kük.
C. fenzelianus K.Schum., not of Steud. (8)
C. rotundus L. subsp. *rotundus* var. *platystachys* C.B.Clarke (27)
C. rotundus L. var. *tuberosus* (Rottb.) Kük. (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt? KZN

rotundus L. var. *tuberosus* (Rottb.) Kük. = **C. rotundus** subsp. **tuberosus**

rubicundus Vahl
C. teneriffae Poir. (18)
Annual, occ. perennial. Herb, cyperoid, mesophyte. Ht 0.02–0.2 m. Alt 60–1400 m. N, LIM, NW, G, M, S, KZN, EC

rupestris Kunth var. **amnicola** (Kunth) Kük.
C. amnicola Kunth (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.15 m. Alt 50–300 m. KZN, EC

rupestris Kunth var. **parvinux** (C.B.Clarke) Kük.
C. parvinux C.B.Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.05 m. Alt 1340–1980 m. M, S, FS, KZN, L, EC

rupestris Kunth var. **rupestris**
Perennial. Herb, cyperoid, mesophyte. Ht 0.01–0.15 m. Alt 200–2375 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

sartorii Kük. (insufficiently known) (27)

schinzii Boeck.
C. holostigma Schweinf. (12)
C. purpureus Boeck. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.15 m. Alt ?–± 1300 m. N, B, LIM, G, M

schlechteri C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt ?–2745 m. LIM, M, FS, KZN, L, EC

semitrifidus Schrad.
C. lapidicolus Kük. (25)
C. multiglumis Turrill (27)
C. semitrifidus Schrad. var. *multiglumis* (Turrill) Kük. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.06–0.25 m. Alt 90–2700 m. LIM, NW, G, M, S, FS, KZN, L, EC

semitrifidus Schrad. var. *multiglumis* (Turrill) Kük. = **C. semitrifidus**

sensilis Baijnath
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.2 m. Alt 5–50 m. KZN

sexangularis Nees
Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte. Ht 0.3–1.5 m. Alt 15–1500 m. B, LIM, NW, G, M, S, KZN, NC, EC

smithii McClean = **C. leptocladus**

solidus Kunth
Mariscus drakensbergensis Vorster (27)
Mariscus involutus C.B.Clarke (27)
Mariscus solidus (Kunth) Vorster (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.36–2 m. Alt 30–1525 m. LIM, M, S, KZN, EC

sphacelatus Rottb. var. *tenuior* C.B.Clarke = **C. zollingeri**

sphaerocephalus Vahl = **C. obtusiflorus** var. **flavissimus**

sphaerospermus Schrad.
C. denudatus L.f. var. *sphaerospermus* (Schrad.) Kük. (25)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.9 m. Alt 1–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

squarrosus L.
C. aristatus Rottb., illegitimate name (21)
Mariscus squarrosus (L.) C.B.Clarke (21)
Annual. Herb, cyperoid, mesophyte. Ht up to 0.32 m. Alt ± 100–1740 m. N, B, LIM, NW, G, M, FS, NC

submacropus Kük.
Mariscus macropus C.B.Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.26–0.6 m. Alt ?–± 1000 m. N

subparadoxus Kük. = **Alinula paradoxa**

tabularis Schrad.
Mariscus tabularis (Schrad.) C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.07–0.32 m. Alt ?–450 m. WC, EC

tenax Boeck.
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.65 m. Alt 15–1070 m. N, G, M, FS, KZN, EC

tenellus L.f. var. *gracilis* Nees = **C. tenellus** var. **tenellus**

tenellus L.f. var. **micromegas** (Nees) F.Muell.
C. micromegas Nees (8)
Annual. Herb, cyperoid, helophyte. Ht 0.07–0.1 m. Alt ?–30 m. WC

tenellus L.f. var. **tenellus**
C. tenellus L.f. var. *gracilis* Nees (8)
Annual. Herb, cyperoid, helophyte. Ht up to 0.1 m. Alt 100–1275 m. NC, WC, EC

teneriffae Poir. = **C. rubicundus**

tenuispica Steud.
Annual. Herb, cyperoid, helophyte. Ht 0.1–0.2 m. Alt ± 80–± 1000 m. N, B, LIM, M, S?, KZN

textilis Thunb.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.2 m. Alt 5–1675 m. KZN, WC, EC

thorncroftii McClean = **C. kirkii**

thunbergii Vahl
C. alopecuroides in sense of Thunb., not of Rottb. (23)
Mariscus riparius Schrad. (23)
Mariscus riparius Schrad. var. *robustior* C.B.Clarke (23)
Mariscus thunbergii (Vahl) Schrad. (27)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.35–2 m. Alt 10–1400 m. WC, EC

triflorus L. = **Abildgaardia triflora**

×**turbatus** Baijnath
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.29–1.08 m. Alt ± 5–± 50 m. KZN

turrillii Kük.
Mariscus laxiflorus Turrill (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.95 m. Alt 915–1265 m. N, B, LIM, NW, G, FS

uncinatus in sense of C.B.Clarke, not of Poir. = **C. cuspidatus**

unioloides R.Br. = **Pycreus unioloides**

usitatus Burch.
C. usitatus Burch. var. *macrobulbus* Kük. (27)
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.05–0.45 m. Alt ± 1000–2225 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

usitatus Burch. subsp. *palmatus* Lye = **C. fulgens** var. **contractus**

usitatus Burch. var. *macrobulbus* Kük. = **C. usitatus**

vegetus Willd. = **C. eragrostis**

vestitus Hochst.
Mariscus vestitus (Hochst.) C.B.Clarke (8)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.41 m. Alt 40–800 m. M, KZN

vorsteri K.L.Wilson
Mariscus grantii C.B.Clarke (24)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.9 m. Alt 5–1370 m. KZN, EC

zollingeri Steud.
C. sphacelatus Rottb. var. *tenuior* C.B.Clarke (13)
Annual. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt 520–1030 m. B, LIM, KZN

zollingerioides C.B.Clarke (insufficiently known) (27)

DECALEPIS Boeck., not of Wight & Arn. 0484010

dregeana Boeck. = **Tetraria nigrovaginata**

ECKLONEA Steud. 0475010

capensis Steud. = **Trianoptiles capensis**

solitaria C.B.Clarke = **Trianoptiles solitaria**

ELEOCHARIS R.Br. 0469000

(1) Clarke. 1898. *FC* 7: 197–199.
(2) Clarke. 1900. *FC* 7: 758, 759.
(3) Svenson. 1929. *Rhodora* 31: 121–135; 152–164, t. 188; 167–191, tt. 189, 190; 199–219; 224–242, t. 191.
(4) Svenson. 1932. *Rhodora* 34: 193–203; 215–227, tt. 219–221.
(5) Svenson. 1934. *Rhodora* 36: 377–389; tt. 320, 321.
(6) Svenson. 1937. *Rhodora* 39: 210–231; 236–273, tt. 460–465.
(7) Svenson. 1939. *Rhodora* 41: 1–19; 43–77; 90–110; tt. 537–547.
(8) Podlech. 1967. In Merxmüller, *FSWA* 165: 18–20.
(9) Raynal. 1967. *Adansonia* sér. 2, 7: 316–318.
(10) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 64–76.
(11) Browning *et al.* 1995. *Bothalia* 25: 238, 239.
(12) Gordon-Gray. 1995. *Strelitzia* 2: 76–81.
(13) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 84.
(14) Archer. Personal communication.

acutangula (Roxb.) Schult.
E. fistulosa Link (10)
Scirpus acutangulus Roxb. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.42–1.82 m. Alt 8–1405 m. N, B, LIM, M, S, KZN, EC

atropurpurea (Retz.) J.Presl & C.Presl
Scirpus atropurpureus Retz. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.13 m. Alt 10–1500 m. N, B, LIM, G, M, S, KZN

caduca (Delile) Schult.
E. intricata Kük. (10)
Scirpus caducus Delile (10)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.15 m. Alt 1–1000 m. B, NW, M, KZN, EC

capitata R.Br. = **E. geniculata**

caribaea (Rottb.) S.F.Blake = **E. geniculata**

decoriglumis Bérhaut
Annual. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt ?–± 1000 m. B

dregeana Steud.
E. palustris of authors, not of (L.) R.Br. (12)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.5 m. Alt ?–2440 m. NW, G, M, S, FS, KZN, L, EC

dulcis (Burm.f.) Hensch.
Andropogon dulce Burm.f. (10)
E. plantaginea R.Br. (10)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.5–2.7 m. Alt 3–1000 m. B, KZN

fistulosa Link = **E. acutangula**

geniculata (L.) Roem. & Schult.
E. capitata R.Br. (10)
E. caribaea (Rottb.) S.F.Blake (10)
Scirpus geniculatus L. in part (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.15 m. Alt ?–1005 m. N, KZN

intricata Kük. = **E. caduca**

lepta C.B.Clarke (insufficiently known) (14)
Scirpus leptus (C.B.Clarke) Levyns (13)

limosa (Schrad.) Schult.
Scirpus limosus Schrad. (1)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–0.8 m. Alt 1–± 1890 m. N, B, LIM, NW, M, FS, KZN, L, NC, WC, EC

marginulata Steud.
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.6 m. Alt ?–± 1000 m. B

mutata (L.) Roem. & Schult.
Scirpus mutatus L. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–0.6 m. Alt ± 13 m. KZN

naumanniana Boeck.
Annual. Herb, cyperoid, emergent hydrophyte. Ht up to 0.45 m. Alt ?–± 1000 m. B

onthitensis H.E.Hess (insufficiently known) (14)

palustris of authors, not of (L.) R.Br. = **E. dregeana**

plantaginea R.Br. = **E. dulcis**

pseudofistulosa H.E.Hess (insufficiently known) (14)

retroflexa (Poir.) Urb. subsp. **subtilissima** (Nelmes) Lye
E. subtilissima Nelmes (10)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.03–0.06 m. Alt ?–± 1000 m. B

schlechteri C.B.Clarke
E. seydeliana Podlech (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.01–0.03 m. Alt ?–± 1000 m. N, WC

seydeliana Podlech = **E. schlechteri**

subtilissima Nelmes = **E. retroflexa** subsp. **subtilissima**

variegata (Poir.) C.Presl
Scirpus variegatus Poir. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.2 m. Alt 10–1005 m. N, B, LIM, KZN, EC

ELEOGITON Link 0468025

digitatus (Schrad.) Nees = **Isolepis digitata**

digitatus (Schrad.) Nees var. *dissolutus* Nees = **Isolepis digitata**

fascicularis Nees = **Isolepis fluitans** var. **fluitans**

longifolius Nees = **Isolepis digitata**

rubicundus Nees = **Isolepis rubicunda**

striatus Nees = **Isolepis striata**

tenuissimus Nees = **Isolepis tenuissima**

ELYNANTHUS T.Lestib. 0527000

arenarius (Schrad.) Nees = **Tetraria compar**

dregeanus Boeck. = **Epischoenus dregeanus**

ligulatus Boeck. = **Tetraria ligulata**

loreus Nees = **Tetraria cuspidata** var. **lorea**
pictus Boeck. = **Tetraria picta**
sylvaticus Nees = **Tetraria sylvatica**
ustulatus (L.) Nees = **Tetraria ustulata**
viscosus (Schrad.) Nees = **Tetraria compar**

EPISCHOENUS C.B.Clarke 0477010

(1) Clarke. 1898. *FC* 7: 273, 274.
(2) Levyns. 1947. *Journal of South African Botany* 13: 53–58.
(3) Levyns. 1959. *Journal of South African Botany* 25: 69–82.

adnatus Levyns
Tetraria gracilis Turrill (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.2–1.21 m. Alt 60–2100 m. WC, EC

cernuus Levyns
Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 110–1220 m. WC

complanatus Levyns
Perennial. Herb, cyperoid, helophyte. Ht up to 0.38 m. Alt ?–1830 m. WC

dregeanus (Boeck.) Levyns
Elynanthus dregeanus Boeck. (3)
Schoenus dregeanus (Boeck.) Kuntze (1)
Tetraria dregeana (Boeck.) C.B.Clarke (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.7 m. Alt ?–1525 m. WC

eriophorus Levyns = **E. lucidus**

gracilis Levyns
Perennial. Herb, cyperoid, helophyte. Ht 0.5–0.76 m. Alt 245–945 m. WC, EC

lucidus (C.B.Clarke) Levyns
E. eriophorus Levyns (3)
Tetraria lucida C.B.Clarke (2)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt ?–1670 m. WC

quadrangularis (Boeck.) C.B.Clarke
Schoenus quadrangularis Boeck. (3)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 155–1675 m. WC, EC

villosus Levyns
Perennial. Herb, cyperoid, helophyte. Ht 0.4–0.45 m. Alt ?–610 m. WC

ERIOSPORA Hochst. 0512010

rehmanniana C.B.Clarke = **Coleochloa setifera**

FICINIA Schrad. 0465000

(1) Clarke. 1898. *FC* 7: 235–260.
(2) Clarke. 1900. *FC* 7: 759.
(3) Clarke. 1908. *Kew Bulletin* Add. Ser. 8: 30, 31.
(4) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916, 4 suppl. 2: 623.
(5) Pfeiffer. 1920. *Revision der Gattung* Ficinia *Schrad.*: 1–63.
(6) Levyns. 1947. *Journal of South African Botany* 13: 65–71.
(7) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 109–117.
(8) Raynal. 1974. *Adansonia* sér. 2, 14: 199–214.
(9) Arnold & Gordon-Gray. 1978. *Bothalia* 12: 405–420.
(10) Arnold. 1979. *The Flowering Plants of Africa* 45: t. 1784.
(11) Arnold. 1981. *Bothalia* 13: 439–441.
(12) Burtt. 1986. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 43: 358.
(13) Browning *et al.* 1995. *Bothalia* 25: 238, 239.
(14) Gordon-Gray. 1995. *Strelitzia* 2: 81–89.
(15) Goetghebeur *et al.* 2000. *Novon* 10: 132, 133.
(16) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 81–92.
(17) Archer. Personal communication.

acrostachys (Steud.) C.B.Clarke (insufficiently known) (17)
Scirpus acrostachys Steud. (1)
Perennial. Herb, cyperoid. Ht ± 0.2 m. Alt? WC

acuminata (Nees) Nees
F. elongata Boeck. (6)
F. involuta Nees (16)
Isolepis acuminata Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.7 m. Alt 50–1740 m. WC, EC

albicans Nees
Isolepis tristachya (Rottb.) Roem. & Schult. var. *albicans* Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.2 m. Alt 50–1220 m. WC

anceps Nees
Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.3 m. Alt 45–395 m. WC

angustifolia C.B.Clarke = **F. polystachya**

angustifolia (Schrad.) Levyns
F. longifolia (Nees) C.B.Clarke (6)
Hemichlaena angustifolia Schrad. (6)
Hemichlaena longifolia Nees (6)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.4 m. Alt 120–1735 m. M, WC, EC

antarctica (L.) Nees ex Kunth = **Isolepis diabolica**

aphylla Nees = **F. lateralis**

arenicola T.H.Arnold & Gordon-Gray var. **arenicola**
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 2–120 m. EC

arenicola T.H.Arnold & Gordon-Gray var. **erecta** T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.35 m. Alt ± 120–± 250 m. WC, EC

argyropa Nees
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.15 m. Alt 1–1200 m. NC, WC

bergiana in sense of C.B.Clarke, not of Kunth = **F. crinita**

bergiana Kunth = **F. tristachya**

bracteata Boeck. = **F. nigrescens**

brevifolia Kunth
F. composita (Nees) Nees (8)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–0.76 m. Alt 60–1220 m. NC, WC

bulbosa (L.) Nees
Schoenus bulbosus L. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.35 m. Alt 2–970 m. WC, EC

canaliculata Pfeiff. = **Hellmuthia membranacea**

capillaris in sense of Levyns, not of (Nees) Levyns = **F. crinita**

capillaris (Nees) Levyns = **F. filiformis**

capillifolia (Schrad.) C.B.Clarke
Hemichlaena capillifolia Schrad. (1)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

capitella (Thunb.) Nees
F. setiformis Schrad. var. *capitellum* (Thunb.) C.B.Clarke (7)
Schoenus capitellum Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.37 m. Alt 5–1800 m. WC

cedarbergensis T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 960–1060 m. WC

cinnamomea C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt ?–2380 m. KZN, EC

compasbergensis Drège
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.61 m. Alt 400–2285 m. NC, EC

composita (Nees) Nees = **F. brevifolia**

contorta (Kuntze) Pfeiff. = **F. stolonifera**

crinita (Poir.) B.L.Burtt
Cyperus crinitus Poir. (12)
F. bergiana in sense of C.B.Clarke, not of Kunth (8)
F. capillaris in sense of Levyns, not of (Nees) Levyns (8)
F. oligantha (Steud.) J.Raynal var. *crinita* (Poir.) J.Raynal (12)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

dasystachys C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.35 m. Alt ± 400–610 m. KZN, EC

deusta (P.J.Bergius) Levyns
F. scariosa Nees (6)
F. trigyna (L.) Druce (6)
Schoenus deustus P.J.Bergius (6)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.7 m. Alt 15–1675 m. WC, EC

dispar (Spreng.) Fourc. = **F. secunda**

distans C.B.Clarke
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.8–0.9 m. Alt ?–15 m. WC

dunensis Levyns
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.5 m. Alt 10–820 m. WC

dura Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt ?–100 m. WC

ecklonea (Steud.) Nees
Scirpus eckloneus Steud. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.18–0.5 m. Alt 5–1000 m. WC

elatior Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.75 m. Alt 15–395 m. WC

elongata Boeck. = **F. acuminata**

fascicularis Nees
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.5 m. Alt 5–1830 m. KZN, WC, EC

fastigiata (Thunb.) Nees
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.07 m. Alt 5–555 m. WC

filiculmea B.L.Burtt
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.22 m. Alt ?–2740 m. KZN, L, EC

filiformis (Lam.) Schrad.
F. capillaris (Nees) Levyns (8)
F. tenuifolia Kunth (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 20–2000 m. WC

filiformis of authors in part, not of (Lam.) Schrad. = **F. oligantha**

filiformis of authors in part, not of (Lam.) Schrad. = **F. stolonifera**

gracilis Schrad.
F. undosa B.L.Burtt (14)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.45 m. Alt 30–2440 m. LIM, M, FS, KZN, L, EC

grandiflora T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht 0.35–0.7 m. Alt 275–900 m. WC

gydomontana T.H.Arnold
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–1300 m. WC

indica (Lam.) Pfeiff.
F. setiformis Schrad. (7)
F. striata (Thunb.) Kunth (5)
Schoenus indicus Lam. (5)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt 10–1525 m. NC, WC, EC

involuta Nees = **F. acuminata**

ixioides Nees subsp. **glabra** T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.3 m. Alt 155–1000 m. WC

ixioides Nees subsp. **ixioides**
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt ?–1768 m. WC, EC

laciniata (Thunb.) Nees
Scirpus laciniatus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.27 m. Alt 5–305 m. KZN, EC

laevis (Vahl) Nees
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.53 m. Alt ?–850 m. NC, WC

lateralis (Vahl) Kunth
F. aphylla Nees (7)
Schoenus lateralis Vahl (5)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt 2–755 m. WC, EC

latifolia T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–60 m. WC

leiocarpa Nees = **F. trispicata**

levynsiae T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.45 m. Alt 750–1220 m. WC

limosa Levyns = **F. pygmaea**

lithosperma Boeck. = **F. pallens** var. **lithosperma**

longifolia (Nees) C.B.Clarke = **F. angustifolia**

macowanii C.B.Clarke (insufficiently known) (17)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt? WC

marginata (Thunb.) Fourc. = **Isolepis marginata**

micrantha C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.1 m. Alt 1050–1070 m. WC

minutiflora C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.25 m. Alt 30–915 m. WC

monticola Kunth
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 150–2920 m. WC

mucronata C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.15 m. Alt ?–1675 m. WC

nana B.L.Burtt = **F. stolonifera**

nigrescens (Schrad.) J.Raynal
F. bracteata Boeck. (8)
Melancranis nigrescens Schrad. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.6 m. Alt 15–2200 m. N, NC, WC, EC

nodosa (Rottb.) Goetgh., Muasya & D.A.Simpson
Scirpoides nodosus (Rottb.) Soják (15)
Scirpus nodosus Rottb. (15)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.2 m. Alt 0–1500 m. KZN, NC, WC, EC

oligantha (Steud.) J.Raynal
F. filiformis of authors in part, not of (Lam.) Schrad. (8)
Scirpus oliganthus Steud. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.2 m. Alt 60–1525 m. WC

oligantha (Steud.) J.Raynal var. *crinita* (Poir.) J.Raynal = **F. crinita**

pallens (Schrad.) Nees var. **lithosperma** (Boeck.) T.H.Arnold & Gordon-Gray
F. lithosperma Boeck. (9)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt ?–25 m. WC

pallens (Schrad.) Nees var. **pallens**
Schoenus pallens Schrad. (9)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt 50–275 m. WC

paradoxa (Schrad.) Nees
Isolepis paradoxa Schrad. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.35 m. Alt 30–1830 m. WC

petrophila T.H.Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 915–1620 m. WC

pinguior C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 25–700 m. WC

polystachya Levyns
F. angustifolia C.B.Clarke (6)
Hemichlaena fascicularis (Nees) Steud. (6)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.4 m. Alt 395–825 m. WC

praemorsa Nees
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 15–600 m. WC

pulchella Kunth = **Schoenoplectus pulchellus**

pusilla C.B.Clarke = **F. stolonifera**

pygmaea Boeck.
Chamaexyphium dregeanum Steud. (9)
F. limosa Levyns (9)
Perennial. Herb, cyperoid, helophyte. Ht 0.02–0.12 m. Alt ?–60 m. WC

quinquangularis Boeck.
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 260–1370 m. WC

radiata (L.f.) Kunth
Schoenus radiatus L.f. (1)
Sickmannia radiata (L.f.) Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.2 m. Alt 305–1200 m. WC

ramosissima Kunth
Acrolepis ramosissima (Kunth) Boeck. (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.08–0.3 m. Alt 10–1525 m. WC, EC

repens (Nees) Kunth
Isolepis repens Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt 2–90 m. WC, EC

rigida Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.36 m. Alt ?–± 300 m. WC

scariosa Nees = **F. deusta**

secunda (Vahl) Kunth
F. dispar (Spreng.) Fourc. (8)
F. secunda (Vahl) Kunth var. *maxima* C.B.Clarke (17)
Pleurachne sieberi Schrad. (1)
Schoenus dispar Spreng. (1)
Schoenus secundus Vahl (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 5–685 m. WC

secunda (Vahl) Kunth var. *maxima* C.B.Clarke = **F. secunda**

setiformis Schrad. = **F. indica**

setiformis Schrad. var. *capitellum* (Thunb.) C.B.Clarke = **F. capitella**

stolonifera Boeck.
F. contorta (Kuntze) Pfeiff. (8)
F. filiformis of authors in part, not of (Lam.) Schrad. (8)
F. nana B.L.Burtt (14)
F. pusilla C.B.Clarke (16)
F. thyrsoidea Pfeiff. (17)
Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.48 m. Alt 215–2440 m. LIM, G, M, S, FS, KZN, L, WC, EC

striata (Thunb.) Kunth = **F. indica**

sylvatica Kunth = **F. trispicata**

tenuifolia Kunth = **F. filiformis**

thyrsoidea Pfeiff. = **F. stolonifera**

trichodes (Schrad.) Benth. & Hook.f.
Acrolepis trichodes Schrad. (1)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

trigyna (L.) Druce = **F. deusta**

trinkleriana Pfeiff. = **Carpha bracteosa**

trispicata (L.f.) Druce
F. leiocarpa Nees (5)
F. sylvatica Kunth (4)
Scirpus trispicatus L.f. (4)
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.55 m. Alt 105–1070 m. WC, EC

tristachya (Rottb.) Nees
F. bergiana Kunth (6)
Scirpus tristachyos Rottb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.09 m. Alt 730–1370 m. WC, EC

truncata (Thunb.) Schrad.
Scirpus truncatus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt 20–305 m. WC, EC

undosa B.L.Burtt = **F. gracilis**

zeyheri Boeck.
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.4 m. Alt 100–1675 m. WC

FIMBRISTYLIS Vahl 0471000

(1) Clarke. 1898. *FC* 7: 199–204.
(2) Lye. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 539–547.

(3) Gordon-Gray. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 549–574.
(4) Gordon-Gray & Browning. 1994. *Flowering Plants of Africa* 53: t. 2091.
(5) Gordon-Gray. 1995. *Strelitzia* 2: 89–96.
(6) Lye. 1995. *Lidia* 3: 144.
(7) Archer. Personal communication.

aphylla Steud.
Perennial. Herb, cyperoid, helophyte. Ht up to 1.2 m. Alt ?–15 m. KZN

barbata Ridl. = **Bulbostylis trabeculata**

bisumbellata (Forssk.) Bubani
Scirpus bisumbellatus Forssk. (5)
Annual. Herb, cyperoid, helophyte. Ht 0.1–0.46 m. Alt ?–240 m. N, B, LIM, M, KZN, NC

bivalvis (Lam.) Lye
F. longiculmis Steud. (6)
Scirpus bivalvis Lam. (6)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.35 m. Alt 1–35 m. KZN

burchellii Ficalho & Hiern = **Bulbostylis burchellii**

complanata (Retz.) Link
Scirpus complanatus Retz. (4)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.79 m. Alt 1–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

cymosa R.Br. = **F. obtusifolia**

dichotoma (L.) Vahl
F. diphylla (Retz.) Vahl (5)
Scirpus dichotomus L. (5)
Scirpus diphyllus Retz. (5)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.28–1.26 m. Alt 10–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

diphylla (Retz.) Vahl = **F. dichotoma**

×**dregeana** Kunth
Perennial. Herb, cyperoid, helophyte. Ht up to 0.19 m. Alt ?–± 50 m. KZN, EC

exilis in sense of authors, not of (Kunth) Roem. & Schult. = **Bulbostylis hispidula** subsp. **pyriformis**

ferruginea (L.) Vahl
F. sieberiana Kunth (5)
Scirpus ferrugineus L. (5)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.8 m. Alt 1–1365 m. N, B, LIM, NW, G, M, S, KZN, EC

hispidula in sense of authors, not of (Vahl) Kunth = **Bulbostylis hispidula** subsp. **pyriformis**

hygrophila Gordon-Gray = **Abildgaardia hygrophila**

longiculmis Steud. = **F. bivalvis**

ludwigii Steud. = **Isolepis ludwigii**

megastachys Ridl. = **Bulbostylis megastachys**

microcarya F.Muell.
Annual. Herb, cyperoid, helophyte. Ht up to 0.31 m. Alt ± 300–± 1000 m. N

monostachya (L.) Hassk. = **Abildgaardia ovata**

obtusifolia (Lam.) Kunth
F. cymosa R.Br. (5)
Scirpus obtusifolius Lam. (5)
Trichelostylis obtusifolia (Lam.) Nees (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.67–0.9 m. Alt 1–60 m. B, KZN, EC

oritrephes Ridl. = **Bulbostylis oritrephes**

pusilla A.Rich. = **Bulbostylis pusilla**

sieberiana Kunth = **F. ferruginea**

squarrosa Vahl
Cyperus hirtus Thunb. (7)
Annual. Herb, cyperoid, helophyte. Ht 0.1–0.33 m. Alt 15–1265 m. N, B, LIM, M, KZN, WC

triflora (L.) K.Schum. = **Abildgaardia triflora**

tristachya (Vahl) Thwaites = **Abildgaardia triflora**

variegata Gordon-Gray
Abildgaardia variegata (Gordon-Gray) Lye (5)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt ?–175 m. KZN, EC

FINTELMANNIA Kunth 0513000

setifera Ridl. = **Coleochloa setifera**

FUIRENA Rottb. 0467000

(1) Clarke. 1898. *FC* 7: 260–265.
(2) Forbes. 1969. *Journal of South African Botany* 35: 83–98.
(3) Lye. 1974. *Botaniska Notiser* 127: 109–112.
(4) Raynal & Roessler. 1977. *Mitteilungen der Botanischen Staatssammlung, München* 13: 353–360.
(5) Lye. 1983. *Nordic Journal of Botany* 3: 241–244.
(6) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 41–52.
(7) Forbes. 1984. *South African Journal of Botany* 3: 359–362.
(8) Forbes. 1986. *South African Journal of Botany* 52: 237–240.
(9) Forbes. 1987. *South African Journal of Botany* 53: 185.
(10) Forbes. 1997. *South African Journal of Botany* 63: 514–520.
(11) Archer. Personal communication.

angolensis (C.B.Clarke) Lye
F. ciliaris (L.) Roxb. var. *angolensis* (C.B.Clarke) Podlech (3)
F. glomerata in sense of authors, not of Lam. var. *angolensis* C.B.Clarke (6)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.6 m. Alt ?–± 1000 m. N

bullifera J.Raynal & Roessler
Annual. Herb, cyperoid, helophyte. Ht 0.2–0.5 m. Alt ?–1300 m. B, LIM

chlorocarpa Ridl. = **F. stricta**

ciliaris (L.) Roxb.
F. glomerata in sense of authors, not of Lam. (6)
Scirpus ciliaris L. (6)
Annual. Herb, cyperoid, helophyte. Ht 0.15–0.75 m. Alt 6–940 m. N, B, LIM, M, S, KZN

ciliaris (L.) Roxb. var. *angolensis* (C.B.Clarke) Podlech = **F. angolensis**

coerulescens Steud.
F. enodis C.B.Clarke (10)
F. gracilis Kunth (10)
F. reticulata Kük. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.98 m. Alt 5–2425 m. N, G, M, FS, KZN, L, NC, WC, EC

ecklonii Nees
Perennial. Herb, cyperoid, helophyte. Ht 0.38–0.75 m. Alt 90–950 m. KZN, EC

enodis C.B.Clarke = **F. coerulescens**

glabra Kunth = **F. hirsuta**

glomerata in sense of authors, not of Lam. = **F. ciliaris**

glomerata in sense of authors, not of Lam. var. *angolensis* C.B.Clarke = **F. angolensis**

gracilis Kunth = **F. coerulescens**

hirsuta (P.J.Bergius) P.L.Forbes
Cyperus hirsutus P.J.Bergius (2)
F. glabra Kunth (2)
F. hirta Vahl (2)
F. hottentotta (L.) Druce (2)

Perennial. Herb, cyperoid, helophyte. Ht 0.45–1.09 m. Alt 15–1340 m. M, S, KZN, WC, EC

hirta Vahl = **F. hirsuta**

hottentotta (L.) Druce = **F. hirsuta**

leptostachya Oliv. forma **leptostachya**
Annual. Herb, cyperoid, helophyte. Ht 0.15–0.5 m. Alt ?–600 m. N, B, G

leptostachya Oliv. forma **nudiflora** Lye
F. leptostachya Oliv. var. *nudiflora* C.B.Clarke, never published (5)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.1 m. Alt 180–1080 m. B, LIM, M, S, KZN

leptostachya Oliv. var. *nudiflora* C.B.Clarke, never published = **F. leptostachya** forma **nudiflora**

microlepis in sense of C.B.Clarke, not of Kunth = **F. obcordata**

nana A.Rich. = **Lipocarpha nana**

obcordata P.L.Forbes
F. microlepis in sense of C.B.Clarke, not of Kunth (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.5–1.4 m. Alt 50–1000 m. N, M, KZN

pachyrrhiza Ridl.
Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt 455–1370 m. B, LIM, M, S, KZN

pubescens (Poir.) Kunth
Carex pubescens Poir. (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–1 m. Alt 5–2195 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

reticulata Kük. = **F. coerulescens**

stricta Steud.
F. chlorocarpa Ridl. (11)
Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.3–0.75 m. Alt 105–1670 m. N, B, LIM, NW, G, M, S, KZN

tenuis P.L.Forbes
Perennial. Herb, cyperoid, helophyte. Ht up to 0.16 m. Alt 1770–2425 m. L, EC

umbellata Rottb.
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.5 m. Alt 5–1280 m. N, B, KZN

HELLMUTHIA Steud. 0503010

(1) Haines & Lye. 1976. *Botaniska Notiser* 129: 61–67.
(2) Archer. Personal communication.

membranacea (Thunb.) R.W.Haines & Lye
Ficinia canaliculata Pfeiff. (2)
Scirpus membranaceus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.9 m. Alt 10–500 m. WC

HEMICARPHA Nees & Arn. 0453000

isolepis Nees = **Lipocarpha hemisphaerica**

micrantha (Vahl) Pax = **Lipocarpha micrantha**

schraderi Kunth, superfluous name = **Lipocarpha hemisphaerica**

HEMICHLAENA Schrad. 0464000

angustifolia Schrad. = **Ficinia angustifolia**

capillifolia Schrad. = **Ficinia capillifolia**

fascicularis (Nees) Steud. = **Ficinia polystachya**

longifolia Nees = **Ficinia angustifolia**

HYPOPORUM Nees 0515010

pergracile Nees = **Scleria pergracilis**

ISOLEPIS R.Br. 0468020

(1) Clarke. 1898. *FC* 7: 210–234 (as *Scirpus*).
(2) Levyns. 1944. *Journal of South African Botany* 10: 25–32.
(3) Raynal. 1968. *Adansonia* sér. 2, 8: 170.
(4) Raynal. 1974. *Adansonia* sér. 2, 14: 199–214.
(5) Raynal. 1976. *Adansonia* sér. 2, 16: 219–224.
(6) Raynal. 1977. *Adansonia* sér. 2, 17: 49–57.
(7) Burtt. 1986. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 43: 353–366.
(8) Gordon-Gray. 1995. *Strelitzia* 2: 206.
(9) Archer. 1998. *Bothalia* 28: 41–42.
(10) Muasya & Simpson. 2002. *Kew Bulletin* 57: 257–362.
(11) Archer. Personal communication.

aciformis (B.Nord.) J.Raynal = **I. hemiuncialis**

acuminata Nees = **Ficinia acuminata**

angelica B.L.Burtt
Perennial. Herb, cyperoid, helophyte. Ht 0.03–0.07 m. Alt ?–3230 m. L, EC

antarctica (L.) Nees, illegitimate name = **I. diabolica**

antarctica (L.) Roem. & Schult.
I. bergiana (Spreng.) Schult. (10)
I. seslerioides Kunth (10)
Scirpus antarcticus L. in part (10)
Scirpus bergianus Spreng. (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt 5–545 m. WC

aquatilis Kunth = **I. tenuissima**

atro-purpurea Nees, illegitimate name = **I. pusilla**

bergiana (Spreng.) Schult. = **I. antarctica**

bicolor Nees, illegitimate name = **I. venustula**

brevicaulis (Levyns) J.Raynal
Scirpus brevicaulis Levyns (6)
Scirpus burchellii C.B.Clarke (10)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.03 m. Alt 200–1220 m. N, NC, WC

bulbifera (Boeck.) Muasya
Scirpus bulbiferus Boeck. (10)
Scirpus delicatulus Levyns (10)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.05–0.14 m. Alt 0–± 20 m. WC

capensis Muasya
Scirpus dregeanus C.B.Clarke (11)
Annual or perennial. Herb, cyperoid, helophyte. Ht 0.02–0.06 m. Alt ?–1960 m. WC

cartilaginea R.Br. = **I. marginata**

cernua (Vahl) Roem. & Schult. var. **cernua**
I. chlorostachya Nees (10)
I. microcarpa Nees (10)
I. rupestris Kunth (10)
I. subprolifer Boeck. (10)
Scirpus cernuus Vahl (10)
Scirpus pictus Boeck. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.07–0.2 m. Alt 3–1830 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

cernua (Vahl) Roem. & Schult. var. **setiformis** (Benth.) Muasya
I. eckloniana Schrad., illegitimate name (10)
I. verrucosula (Steud.) Nees (10)
Scirpus verrucosulus Steud. (10)
Scirpus verrucosulus Steud. var. *pterycaryon* C.B.Clarke (10)

Annual. Herb, cyperoid, helophyte. Ht up to 0.05 m. Alt 100–720 m. NC, WC, EC

chlorostachya (Levyns) Soják, illegitimate name = **I. sepulcralis**

chlorostachya Nees = **I. cernua** var. **cernua**

chrysocarpa Nees = **I. marginata**

collina Kunth = **Bulbostylis contexta**

corymbosa Roem. & Schult., not of C.Presl = **Schoenoplectus corymbosus**

costata A.Rich.
I. costata A.Rich. var. *macra* (Boeck.) B.L.Burtt (10)
Scirpus costatus (A.Rich.) Boeck. (10)
Scirpus costatus (A.Rich.) Boeck. var. *macer* (Boeck.) Cherm. (10)
Scirpus macer Boeck. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.65 m. Alt 230–2680 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

costata A.Rich. var. *macra* (Boeck.) B.L.Burtt = **I. costata**

decipiens Nees = **Schoenoplectus decipiens**

diabolica (Steud.) Schrad.
Ficinia antarctica (L.) Nees ex Kunth (10)
I. antarctica (L.) Nees, illegitimate name (10)
Scirpus antarcticus L. in part (10)
Scirpus diabolicus Steud. (10)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.36 m. Alt ± 40–± 2195 m. KZN, NC, WC, EC

digitata Schrad.
Eleogiton digitatus (Schrad.) Nees (10)
Eleogiton digitatus (Schrad.) Nees var. *dissolutus* Nees (10)
Eleogiton longifolius Nees (10)
I. dissoluta (Nees) Kunth (10)
I. dubia Kunth (10)
Scirpus digitatus (Schrad.) Boeck. (10)
Scirpus flaccifolius Steud. (2)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.15–0.5 m. Alt 245–1005 m. WC

dissoluta (Nees) Kunth = **I. digitata**

dregeana Kunth = **I. hystrix**

dubia Kunth = **I. digitata**

echinidium Nees = **I. incomtula**

eckloniana Schrad., illegitimate name = **I. cernua** var. **setiformis**

exilis Nees = **I. incomtula**

expallescens Kunth
Scirpus expallescens (Kunth.) Boeck. (10)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.1 m. Alt ?–915 m. NC

fascicularis (Nees) Kunth = **I. fluitans** var. **fluitans**

ficinioides (Kunth) Steud. = **Scirpus ficinioides**

fluitans (L.) R.Br. var. **fluitans**
Eleogiton fascicularis Nees (10)
I. fascicularis (Nees) Kunth (10)
Scirpus fluitans L. (10)
Scirpus fluitans L. var. *fascicularis* (Nees) Boeck. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.06–1.06 m. Alt 90–3050 m. LIM, G, M, S, FS, KZN, L, EC

hemiuncialis (C.B.Clarke) J.Raynal
I. aciformis (B.Nord.) J.Raynal (10)
Scirpus aciformis B.Nord. (10)
Scirpus hemiuncialis C.B.Clarke (6)
Annual. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 910–2000 m. N, NC, WC

humilis Kunth = **Bulbostylis humilis**

hystrix Schrad., illegitimate name = **I. natans**

hystrix (Thunb.) Nees
I. dregeana Kunth (3)
Scirpus hystrix Thunb. (5)
Annual. Herb, cyperoid, helophyte. Ht up to 0.02 m. Alt 20–1645 m. WC

incomtula Nees
I. echinidium Nees (10)
I. exilis Nees (10)
I. kunthiana Steud. (10)
Scirpus incomtulus (Nees) Boeck. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.05 m. Alt 15–730 m. WC

inconspicua (Levyns) J.Raynal
Scirpus inconspicuus Levyns (6)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.03 m. Alt ?–± 5 m. WC

inyangensis Muasya & Goetgh.
Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.37 m. Alt 1500–2300 m. LIM, M, S, KZN

karroica (C.B.Clarke) J.Raynal
Scirpus karroicus C.B.Clarke (6)
Annual. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 610–1290 m. N, NC, WC, EC

kunthiana Steud. = **I. incomtula**

leptostachya Kunth
Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt? WC

leucoloma (Nees) C.Archer
Cyperus leucoloma Nees (9)
Annual. Herb, cyperoid, helophyte. Ht up to 0.01 m. Alt 150–1000 m. WC

ludwigii (Steud.) Kunth
Fimbristylis ludwigii Steud. (1)
I. tenuior Steud. (10)
Scirpus ludwigii (Steud.) Boeck. (10)
Trichelostylis ludwigii (Steud.) Nees (10)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 120–1220 m. WC

marginata (Thunb.) A.Dietr.
Cyperus minutus Roth (1)
Cyperus rothianus Roem. & Schult., illegitimate name (1)
Ficinia marginata (Thunb.) Fourc. (4)
I. cartilaginea R.Br. (4)
I. chrysocarpa Nees (4)
I. phaeocarpa Nees (4)
I. plebeia Schrad. (4)
I. plebeia Schrad. var. *maior* Schrad. (4)
I. setacea Nees, illegitimate name (10)
I. sphaerocarpa Nees (10)
Scirpus antarcticus in sense of C.B.Clarke in part, not of L. (4)
Scirpus cartilagineus (R.Br.) Poir. (4)
Scirpus marginatus Thunb. (4)
Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.03–0.15 m. Alt 5–1200 m. NC, WC

microcarpa Nees = **I. cernua** var. **cernua**

minima Schrad. = **Lipocarpha hemisphaerica**

minuta (Turrill) J.Raynal
Scirpus minutus Turrill (6)
Annual. Herb, cyperoid, helophyte. Ht up to 0.03 m. Alt ?–± 500 m. WC

natans (Thunb.) A.Dietr.
I. hystrix Schrad., illegitimate name (10)
I. pallida Nees (10)
I. palustris Schrad. (10)
I. rivularis Schrad. (10)
Scirpus natans Thunb. (10)
Scirpus rivularis (Schrad.) Boeck. (6)

Annual. Herb, cyperoid, helophyte. Ht 0.05–0.3 m. Alt 30–1525 m. M, KZN, WC, EC

pallida Nees = **I. natans**

palustris Schrad. = **I. natans**

paradoxa Schrad. = **Ficinia paradoxa**

pellocolea B.L.Burtt
Perennial. Herb, cyperoid, helophyte. Ht up to 0.75 m. Alt 2070–± 2380 m. KZN

phaeocarpa Nees = **I. marginata**

plebeia Schrad. = **I. marginata**

plebeia Schrad. var. *maior* Schrad. = **I. marginata**

prolifera (Rottb.) R.Br.
Scirpus prolifer Rottb. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.4 m. Alt 1–1500 m. KZN, WC, EC

pusilla Kunth
I. atro-purpurea Nees, illegitimate name (10)
I. tenuis (Spreng.) Schrad., illegitimate name (10)
Scirpus nanodes Levyns (6)
Scirpus tenuis Spreng., illegitimate name (10)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.05 m. Alt ?–20 m. WC

repens Nees = **Ficinia repens**

rivularis Schrad. = **I. natans**

robustula Steud. = **I. striata**

roylei Nees = **Schoenoplectus roylei**

rubicunda (Nees) Kunth
Eleogiton rubicundus Nees (10)
Scirpus globiceps C.B.Clarke (2)
Scirpus rubicundus (Nees) Parl. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht? Alt 1–750 m. WC

rupestris Kunth = **I. cernua** var. **cernua**

schoenoides Kunth = **Bulbostylis schoenoides**

senegalensis Steud. = **Schoenoplectus senegalensis**

sepulcralis Steud.
I. chlorostachya (Levyns) Soják, illegitimate name (10)
I. subtilis Kunth (10)
Scirpus cernuus Vahl var. *subtilis* (Kunth) C.B.Clarke (10)
Scirpus chlorostachyus Levyns (10)
Scirpus griquensium C.B.Clarke (6)
Annual. Herb, cyperoid, helophyte. Ht 0.08–0.17 m. Alt 5–2125 m. B, LIM, M, FS, KZN, L, NC, WC, EC

seslerioides Kunth = **I. antarctica**

setacea (L.) R.Br.
Scirpus setaceus L. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.91 m. Alt ± 900–3200 m. N, NW, G, M, FS, KZN, L, NC, EC

setacea Nees, illegitimate name = **I. marginata**

sororia Kunth
Scirpus sororius (Kunth) C.B.Clarke (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 60–540 m. WC, EC

sphaerocarpa Nees = **I. marginata**

striata (Nees) Kunth
Eleogiton striatus Nees (1)
I. robustula Steud. (10)
Scirpus capillifolius Parl. (2)
Scirpus fluitans L. var. *robustus* Boeck. (10)
Scirpus striatus (Nees) Fourc. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 0.2 m. Alt 15–1250 m. NC, WC, EC

subprolifer Boeck. = **I. cernua** var. **cernua**

subtilis Kunth = **I. sepulcralis**

tenuior Steud. = **I. ludwigii**

tenuis (Spreng.) Schrad., illegitimate name = **I. pusilla**

tenuissima (Nees) Kunth
Eleogiton tenuissimus Nees (10)
I. aquatilis Kunth (10)
Scirpus tenuissimus (Nees) Boeck. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.01–0.05 m. Alt 1–1430 m. KZN, NC, WC, EC

thunbergii Schrad. = **Scirpoides thunbergii**

trachysperma Nees
Scirpus trachyspermus (Nees) C.B.Clarke (10)
Annual. Herb, cyperoid. Ht 0.03–0.13 m. Alt 100–500 m. NC, WC

tristachya (Rottb.) Roem. & Schult. var. *albicans* Nees = **Ficinia albicans**

venustula Kunth
I. bicolor Nees, illegitimate name (10)
Scirpus venustulus (Kunth) Boeck. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.15 m. Alt ?–5 m. WC

verrucosula (Steud.) Nees = **I. cernua** var. **setiformis**

JUNCELLUS C.B.Clarke 0459020

alopecuroides (Rottb.) C.B.Clarke = **Cyperus alopecuroides**

laevigatus (L.) C.B.Clarke = **Cyperus laevigatus**

KOBRESIA Willd. 0522000

basutorum (Turrill) Koyama = **Schoenoxiphium basutorum**

buchananii (C.B.Clarke) Koyama, invalid combination = **Schoenoxiphium rufum** var. **rufum**

ecklonii (Nees) Koyama var. *ecklonii* = **Schoenoxiphium ecklonii** var. **ecklonii**

ecklonii (Nees) Koyama var. *unisexualis* (Kük.) Koyama = **Schoenoxiphium ecklonii** var. **unisexuale**

filiforme (Kük.) Koyama = **Schoenoxiphium filiforme**

kunthiana (Kük.) Koyama var. *kunthiana* = **Schoenoxiphium sparteum**

lancea (Thunb.) Koyama = **Schoenoxiphium lanceum**

lehmannii (Nees) Koyama var. *lehmannii* = **Schoenoxiphium lehmannii**

lehmannii (Nees) Koyama var. *schimperiana* (Boeck.) Koyama = **Schoenoxiphium sparteum**

rufa (Nees) Koyama = **Schoenoxiphium rufum** var. **rufum**

schweickerdtii (Merxm. & Podlech) Koyama = **Schoenoxiphium schweickerdtii**

sparteum (Wahlenb.) Koyama = **Schoenoxiphium sparteum**

thunbergii (Nees) Koyama = **Schoenoxiphium ecklonii** var. **ecklonii**

KYLLINGA Rottb. 0462000

(1) Getliffe. 1983. *Journal of South African Botany* 49: 261–304.
(2) Archer. Personal communication.

alata Nees
K. alba Nees var. *alata* (Nees) C.B.Clarke (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.61 m. Alt 15–1950 m. N, LIM, NW, G, M, FS, KZN, L, WC, EC

alba Nees
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.52 m. Alt 85–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

alba Nees var. *alata* (Nees) C.B.Clarke = **K. alata**

albiceps (Ridl.) Rendle
Cyperus albiceps Ridl. (1)
K. merxmuelleri Podlech (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.45–0.8 m. Alt ?–± 1000 m. N, B

brevifolia Rottb.
Perennial. Herb, cyperoid, mesophyte. Ht 0.01–0.03 m. Alt ?–120 m. KZN, WC

capensis Steud. = **Cyperus capensis**

cylindrica Nees = **K. odorata**

cyperoides Roxb. = **Courtoisina cyperoides**

elatior Kunth
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.87 m. Alt 5–620 m. KZN, EC

erecta Schumach. var. **erecta**
K. erecta Schumach. var. *intricata* C.B.Clarke, never published (2)
K. intricata Cherm. (2)
Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.55 m. Alt 2–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

erecta Schumach. var. *intricata* C.B.Clarke, never published = **K. erecta** var. **erecta**

intricata Cherm. = **K. erecta** var. **erecta**

melanosperma Nees
Perennial. Herb, cyperoid, helophyte. Ht 0.17–1 m. Alt 5–1675 m. B, LIM, NW, G, M, S, KZN, EC

merxmuelleri Podlech = **K. albiceps**

microcephala Steud. = **Kyllingiella microcephala**

nemoralis (J.R.Forst. & G.Forst.) Hutch. & Dalziel
Thryocephalon nemorale J.R.Forst. & G.Forst. (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.04–0.57 m. Alt 10–90 m. KZN

odorata Vahl
K. cylindrica Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.5 m. Alt 45–1525 m. B, LIM, M, KZN, EC

pauciflora Ridl.
Perennial. Herb, cyperoid, helophyte. Ht 0.08–0.6 m. Alt ?–2010 m. LIM, M, FS, KZN, EC

polyphylla Kunth
Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.64 m. Alt ?–± 100 m. KZN

pulchella Kunth
Perennial. Herb, cyperoid, helophyte. Ht 0.07–0.43 m. Alt 610–2450 m. NW, G, M, FS, KZN, L, NC, EC

triceps Rottb. var. *ciliata* Boeck. = **K. welwitschii**

welwitschii Ridl.
K. triceps Rottb. var. *ciliata* Boeck. (1)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.25 m. Alt ?–± 1000 m. N

KYLLINGIELLA R.W.Haines & Lye 0468008

(1) Haines & Lye. 1978. *Botaniska Notiser* 131: 175–177.

microcephala (Steud.) R.W.Haines & Lye
Kyllinga microcephala Steud. (1)
Scirpus microcephalus (Steud.) Dandy (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.05–0.4 m. Alt 930–1400 m. N, B, LIM

LEPIDOSPERMA Labill. 0481000

triangulare Boeck. = **Tetraria triangularis**

LEPISIA C.Presl 0494050

ustulata (L.) C.Presl = **Tetraria ustulata**

LIPOCARPHA R.Br. 0452000

(1) Clarke. 1898. *FC* 7: 233, 265, 266.
(2) Raynal. 1977. *Adansonia* sér. 2, 17: 56.
(3) Goetghebeur & Van den Borre. 1989. *Wageningen Agricultural University Papers* 89-1: 1–87.

abietina Goetgh.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–0.8 m. Alt ?–940 m. B

argentea (Vahl) R.Br. = **L. chinensis**

chinensis (Osbeck) Kern
L. argentea (Vahl) R.Br. (3)
L. senegalensis (Lam.) T.Durand & H.Durand (3)
Scirpus chinensis Osb. (3)
Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte. Ht 0.25–0.7 m. Alt 120–1525 m. N, B, LIM, NW, M, S, KZN

hemisphaerica (Roth) Goetgh.
Hemicarpha isolepis Nees (3)
Hemicarpha schraderi Kunth, superfluous name (3)
Isolepis minima Schrad. (3)
L. isolepis (Nees) R.W.Haines (3)
Scirpus hemisphaericus Roth (3)
Annual. Herb, cyperoid, helophyte. Ht 0.08–0.15 m. Alt ?–1400 m. N, B, FS

isolepis (Nees) R.W.Haines = **L. hemisphaerica**

micrantha (Vahl) G.C.Tucker
Hemicarpha micrantha (Vahl) Pax (3)
Scirpus micranthus Vahl (3)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.2 m. Alt ± 50–600 m. N, LIM, G, M, KZN

nana (A.Rich.) Cherm.
Fuirena nana A.Rich. (3)
L. pulcherrima Ridl. (3)
Annual. Herb, cyperoid, helophyte. Ht 0.01–0.4 m. Alt 610–2000 m. N, LIM, M, S, FS, KZN, L

paradoxa Cherm. = **Alinula paradoxa**

pulcherrima Ridl. = **L. nana**

rehmannii (Ridl.) Goetgh.
Rikliella rehmannii (Ridl.) J.Raynal (3)
Scirpus hystricoides B.Nord. (2)
Scirpus hystrix in sense of C.B.Clarke in part, not of Thunb. (3)
Scirpus rehmannii Ridl. (3)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.25 m. Alt 760–1675 m. N, B, LIM, G, M, KZN, L

senegalensis (Lam.) T.Durand & H.Durand = **L. chinensis**

MACROCHAETIUM Steud. 0494010

dregei Steud. = **Cyathocoma hexandra**

ecklonii (Nees) Levyns = **Cyathocoma ecklonii**

hexandrum (Nees) Pfeiff. = **Cyathocoma hexandra**

MARISCUS Vahl 0459030

(1) Clarke. 1897. *FC* 7: 185–192.
(2) Clarke. 1898. *FC* 7: 193–197.
(3) Podlech. 1967. In Merxmüller, *FSWA* 165: 31–38.
(4) Archer. Personal communication.

albomarginatus C.B.Clarke = **Cyperus indecorus** var. **inflatus**

angularis Turrill = **Cyperus macrocarpus**

aristatus (Rottb.) Cherm. var. **atriceps** (Kük.) Podlech
Cyperus aristatus Rottb. var. *atriceps* Kük., illegitimate name (4)
Annual. Herb, cyperoid, mesophyte. Ht 0.04–0.27 m. Alt ?–1815 m. N, B, NW, M, FS, NC

assimilis (Steud.) Podlech = **Courtoisina assimilis**

bullatus (Kük.) Podlech = **Cyperus chersinus**

capensis (Steud.) Schrad. = **Cyperus capensis**

chersinus N.E.Br. = **Cyperus chersinus**

congestus (Vahl) C.B.Clarke = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *brevis* (Boeck.) C.B.Clarke = **Cyperus brevis**

congestus (Vahl) C.B.Clarke var. *glanduliferus* C.B.Clarke = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *grandiceps* (Kük.) Podlech = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *pseudonatalensis* (Kük.) Podlech = **Cyperus congestus**

cooperi C.B.Clarke = **Cyperus congestus**

cylindristachyus Steud. = **Cyperus cyperoides** subsp. **flavus**

cyperoides (Roxb.) A.Dietr. = **Courtoisina cyperoides**

cyperoides (Roxb.) A.Dietr. subsp. *africanus* (Kük.) Podlech = **Courtoisina cyperoides**

deciduus (Boeck.) C.B.Clarke = **Cyperus deciduus**

drakensbergensis Vorster = **Cyperus solidus**

dregeanus Kunth
Perennial. Herb, cyperoid, mesophyte. Ht 0.19–0.6 m. Alt 45–1713 m. N, LIM, NW, G, M, S, KZN, EC

dubius (Rottb.) C.E.C.Fisch. = **Cyperus dubius**

durus (Kunth) C.B.Clarke = **Cyperus durus**

elephantinus C.B.Clarke = **Cyperus elephantinus**

grantii C.B.Clarke = **Cyperus vorsteri**

hamulosus (M.Bieb.) S.S.Hooper = **Cyperus hamulosus**

indecorus (Kunth) Podlech var. *decurvatus* (C.B.Clarke) Podlech = **Cyperus indecorus** var. **decurvatus**

indecorus (Kunth) Podlech var. *indecorus* = **Cyperus indecorus** var. **indecorus**

indecorus (Kunth) Podlech var. *inflatus* (C.B.Clarke) Podlech = **Cyperus indecorus** var. **inflatus**

indecorus (Kunth) Podlech var. *namaquensis* (Kük.) Podlech = **Cyperus indecorus** var. **namaquensis**

inflatus C.B.Clarke = **Cyperus indecorus** var. **inflatus**

involutus C.B.Clarke = **Cyperus solidus**

keniensis (Kük.) S.S.Hooper = **Cyperus keniensis**

laxiflorus Turrill = **Cyperus turrilli**

macer Kunth = **Cyperus cyperoides** subsp. **pseudoflavus**

macrocarpus Kunth = **Cyperus macrocarpus**

macropus C.B.Clarke = **Cyperus submacropus**

marlothii (Boeck.) C.B.Clarke = **Cyperus marlothii**

nossibeensis Steud. = **Cyperus cyperoides** subsp. **cyperoides**

owanii (Boeck.) C.B.Clarke = **Cyperus owanii**

paradoxus (Cherm.) Cherm. = **Alinula paradoxa**

pseudovestitus C.B.Clarke = **Cyperus pseudovestitus**

rehmannianus C.B.Clarke = **Cyperus indecorus** var. **decurvatus**

riparius Schrad. = **Cyperus thunbergii**

riparius Schrad. var. *robustior* C.B.Clarke = **Cyperus thunbergii**

sieberianus C.B.Clarke = **Cyperus cyperoides** subsp. **cyperoides**

solidus (Kunth) Vorster = **Cyperus solidus**

squarrosus (L.) C.B.Clarke = **Cyperus squarrosus**

sublimis C.B.Clarke = **Cyperus cyperoides** subsp. **cyperoides**

sumatrensis (Retz.) J.Raynal = **Cyperus cyperoides** subsp. **cyperoides**

tabularis (Schrad.) C.B.Clarke = **Cyperus tabularis**

thunbergii (Vahl) Schrad. = **Cyperus thunbergii**

uitenhagensis Steud.
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 20–2000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

umbellatus in sense of Podlech, not of (Rottb.) Vahl = **Cyperus cyperoides** subsp. **flavus**

vestitus (Hochst.) C.B.Clarke = **Cyperus vestitus**

vestitus (Hochst.) C.B.Clarke var. ? *decurvata* C.B.Clarke = **Cyperus indecorus** var. **decurvatus**

MELANCRANIS Vahl 0465030

nigrescens Schrad. = **Ficinia nigrescens**

NEESENBECKIA Levyns 0494030

(1) Clarke. 1898. *FC* 7: 290.
(2) Levyns. 1947. *Journal of South African Botany* 13: 73–93.

punctoria (Vahl) Levyns
Buekia punctoria (Vahl) Nees, illegitimate name (1)
Schoenus punctorius Vahl (1)
Tetraria punctoria (Vahl) C.B.Clarke (2)
Perennial. Herb, graminoid, helophyte. Ht 1.5–2.4 m. Alt 275–745 m. WC

OXYCARYUM Nees 0468005

(1) Lye. 1971. *Botaniska Notiser* 124: 280–286.

cubense (Poepp. & Kunth) Lye
Scirpus cubensis Poepp. & Kunth (1)
Perennial. Herb, cyperoid, usually sudd hydrophyte. Ht? Alt ± 1–± 1000 m. N, B, KZN

PLATYLEPIS Kunth 0454020

capensis Kunth = **Ascolepis capensis**

PLEURACHNE Schrad. 0465040

sieberi Schrad. = **Ficinia secunda**

PSEUDOMARISCUS Rauschert 0461020

cyperoides (Roxb.) Rauschert = **Courtoisina cyperoides**

PSEUDOSCHOENUS (C.B.Clarke) Oteng-Yeb. 0468040

(1) Oteng-Yeboah. 1974. *Notes from the Royal Botanic Garden Edinburgh* 33: 307–310.

inanis (Thunb.) Oteng-Yeb.
Schoenus inanis Thunb. (1)
Scirpus inanis (Thunb.) Steud. (1)
Scirpus spathaceus Hochst. (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.76–2.5 m. Alt 395–1525 m. N, FS, L, NC, WC, EC

PSILOCARYA Torr. 0472000

candida Nees = **Rhynchospora candida**

PTEROLEPIS Schrad. 0468015

scirpoides Schrad. = **Schoenoplectus scirpoideus**

PYCREUS P.Beauv. 0459010

(1) Clarke. 1898. *FC* 7: 155–161.
(2) Clarke. 1902. *FTA* 8: 288–306.
(3) Pfeiffer. 1930. *Feddes Repertorium* 28: 17–24.
(4) Chermezon. 1938. *Bulletin de la Société Botanique de France* 85: 366.
(5) Podlech. 1967. In Merxmüller, *FSWA* 165: 38–43.
(6) Raynal. 1969. In Hooper & Raynal, *Kew Bulletin* 23: 313, 314.
(7) Napper. 1971. *Journal of the East Africa Natural History Society and National Museum* 28 (124): 5, 6.
(8) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2 Vol. 3, 2: 298–303.
(9) Raynal. 1977. *Adansonia* sér. 2, 17: 43–47.
(10) Lye. 1981. *Nordic Journal of Botany* 1: 617–622.
(11) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 268–291 (as *Cyperus* subg. *Pycreus*).
(12) Gordon-Gray. 1995. *Strelitzia* 2: 137–148.
(13) Archer. Personal communication.

aethiops C.B.Clarke
Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.2–0.4 m. Alt ?–± 1000 m. B

albomarginatus Nees = **P. macrostachyos**

angulatus Nees = **P. unioloides**

atribulbus (Kük.) Napper
Cyperus atribulbus Kük. (7)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.25–0.4 m. Alt ?–6 m. KZN

betschuanus (Boeck.) C.B.Clarke
Cyperus betschuanus Boeck. (1)
Cyperus globosus All. var. *nilagirica* (Steud.) C.B.Clarke (1)
P. globosus in sense of Podlech, not of (All.) Rchb. (13)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.22 m. Alt ?–1500 m. N, B?, NW, M, L, NC, EC

chorisanthus C.B.Clarke = **P. pelophilus**

chrysanthus (Boeck.) C.B.Clarke
Cyperus chrysanthus Boeck. (1)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.75 m. Alt 515–1800 m. N, B, LIM, NW, M, S, FS, KZN?, L, EC

cooperi C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.35 m. Alt ?–2010 m. LIM, M, S, KZN, L, EC

elegantulus (Steud.) C.B.Clarke = **P. niger** subsp. **elegantulus**

ferrugineus (Poir.) C.B.Clarke = **P. intactus**

flavescens (L.) Rchb.
Cyperus flavescens L. (1)
Annual. Herb, cyperoid, helophyte. Ht 0.12–0.45 m. Alt 10–1525 m. N, B, LIM, NW, M, S

globosus in sense of Podlech, not of (All.) Rchb. = **P. betschuanus**

intactus (Vahl) J.Raynal
Cyperus intactus Vahl (9)
P. ferrugineus (Poir.) C.B.Clarke (9)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.65 m. Alt 60–1370 m. M, S, KZN, L, EC

lanceus Turrill = **P. nitidus**

macranthus (Boeck.) C.B.Clarke
Cyperus macranthus Boeck. (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.76 m. Alt 30–2500 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

macrostachyos (Lam.) J.Raynal
Cyperus macrostachyos Lam. (6)
P. albomarginatus Nees (6)
P. tremulus (Poir.) C.B.Clarke (8)
Annual. Herb, cyperoid, helophyte. Ht 0.45–1.21 m. Alt 45–1000 m. N, B, LIM, M, S, KZN

mundii Nees
Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte or sudd hydrophyte. Ht 0.15–0.76 m. Alt 5–1890 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

muricatus (Kük.) Napper
Cyperus muricatus Kük. (7)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt 650–1800 m. LIM, M, S

niger (Ruíz & Pav.) Cufod. subsp. **elegantulus** (Steud.) Lye
Cyperus elegantulus Steud. (1)
P. elegantulus (Steud.) C.B.Clarke (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.6 m. Alt 670–1675 m. LIM, M, KZN

nigricans (Steud.) C.B.Clarke
Cyperus nigricans Steud. (2)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 1050–2000 m. LIM, M, S, KZN

nitidus (Lam.) J.Raynal
Cyperus nitidus Lam. (6)
P. lanceus Turrill (6)
P. umbrosus Nees (8)
Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.2–0.5 m. Alt 5–2120 m. B, LIM, NW, G, M, FS, KZN, WC, EC

oakfortensis C.B.Clarke = **Pycreus permutatus**

okavangensis Podlech
Annual, occ. perennial. Herb, cyperoid, helophyte. Ht 0.02–0.5 m. Alt 930–1000 m. N, B

pelophilus (Ridl.) C.B.Clarke
Cyperus pelophilus Ridl. (2)
P. chorisanthus C.B.Clarke (5)
Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.03–0.5 m. Alt 180–1062 m. N, B, LIM, M, S

permutatus (Boeck.) Napper
Cyperus permutatus Boeck. (7)
P. oakfortensis C.B.Clarke (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.12–0.63 m. Alt 5–1370 m. LIM, M, S, KZN, EC

polystachyos (Rottb.) P.Beauv. var. **polystachyos**
Cyperus polystachyos Rottb. (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–1.1 m. Alt 2–1250 m. N, B, LIM, G, M, S, FS, KZN, WC, EC

pumilus (L.) Nees
Cyperus nitens Vahl (11)
Cyperus pumilus L. (8)
Cyperus pumilus L. var. *patens* (Vahl) Kük. (8)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.3 m. Alt ?–1675 m. N, B, LIM, G, M, S, KZN

rehmannianus C.B.Clarke
Annual. Herb, cyperoid, helophyte. Ht 0.12–0.3 m. Alt 840–2020 m. LIM, M, KZN, L, EC

tremulus (Poir.) C.B.Clarke = **P. macrostachyos**

umbrosus Nees = **P. nitidus**

unioloides (R.Br.) Urb.
Cyperus unioloides R.Br. (5)
P. angulatus Nees (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.7 m. Alt 25–1950 m. B, LIM, NW, G, M, S, KZN, L, EC

waillyi Cherm.
Annual. Herb, cyperoid, emergent hydrophyte. Ht? Alt ?–± 1000 m. B

RHYNCHOSPORA Vahl 0492000

(1) Robinson. 1961. *Kirkia* 1: 32–43.
(2) Raynal. 1967. Cyperaceae. In Raynal & Raynal, *Adansonia* sér. 2, 7: 316–328.
(3) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2, Vol. 3,2: 329–333.
(4) Guaglianone. 1979. *Darwiniana* 22: 255–311.
(5) Van Laren *et al.* 1989. *South African Journal of Botany* 55: 498–508.
(6) Gordon-Gray. 1995. *Strelitzia* 2: 148–153.
(7) Guaglianone. 2001. *Darwiniana* 39: 287–342.
(8) Archer. Personal communication.

arechavaletae Boeck. = **R. holoschoenoides**

aurea Vahl = **R. corymbosa**

barrosiana Guagl.
Perennial. Herb, cyperoid, helophyte. Ht 0.3–1 m. Alt 1–1065 m. KZN, EC

brownii Roem. & Schult.
R. glauca in sense of authors, not of Vahl (1)
R. rugosa (Vahl) Gale (4)
Perennial. Herb, cyperoid, helophyte. Ht 0.5–1.3 m. Alt 5–1980 m. LIM, NW, G, M, S, KZN, L, WC, EC

candida (Nees) Boeck.
Psilocarya candida Nees (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.5 m. Alt ?–± 1000 m. B

corymbosa (L.) Britton var. **corymbosa**
R. aurea Vahl (1)
Scirpus corymbosus L. (1)
Perennial. Herb, cyperoid, helophyte. Ht 1.5–1.8 m. Alt ?–± 1000 m. B

cyperoides (Sw.) Mart. = **R. holoschoenoides**

glauca in sense of authors, not of Vahl = **R. brownii**

gracillima Thwaites subsp. **subquadrata** (Cherm.) J.Raynal
R. subquadrata Cherm. (2)
Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.7 m. Alt ?–50 m. S, KZN

holoschoenoides (Rich.) Herter
R. arechavaletae Boeck. (8)
R. cyperoides (Sw.) Mart. (2)
R. mauritii Steud. (3)
Schoenus holoschoenoides Rich. (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.27–1.21 m. Alt 5–1030 m. N, B, KZN, EC

macrocarpa Boeck. = **R. spectabilis**

mauritii Steud. = **R. holoschoenoides**

nitida Spreng. = **Tetraria compar**

perrieri Cherm.
Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 8–275 m. B, S, KZN

rubra (Lour.) Makino subsp. **africana** J.Raynal
Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.34 m. Alt 2–50 m. B, KZN

rugosa (Vahl) Gale = **R. brownii**

spectabilis Hochst.
R. macrocarpa Boeck. (7)
Perennial. Herb, cyperoid, helophyte. Ht 1–1.8 m. Alt 4–275 m. KZN, EC

subquadrata Cherm. = **R. gracillima** subsp. **subquadrata**

RIKLIELLA J.Raynal 0454010

rehmannii (Ridl.) J.Raynal = **Lipocarpha rehmannii**

SCHOENOPLECTUS (Rchb.) Palla 0468010

(1) Clarke. 1898. *FC* 7: 210–234 (as *Scirpus*).
(2) Lye. 1971. *Botaniska Notiser* 124: 287–291.
(3) Raynal. 1976. *Adansonia* sér. 2, 15: 537–542.
(4) Raynal. 1976. *Adansonia* sér. 2, 16: 119–155.
(5) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 52–64.
(6) Browning. 1991. *South African Journal of Botany* 57: 249–259, 335–343.
(7) Browning. 1992. *South African Journal of Botany* 58: 530–532.
(8) Browning *et al.* 1994. *South African Journal of Botany* 60: 169–174.
(9) Browning *et al.* 1995. *South African Journal of Botany* 61: 39–42.

articulatus (L.) Palla
Scirpus articulatus L. (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.2–1.2 m. Alt 40–980 m. N, B, M, S, KZN

brachyceras (A.Rich.) Lye
S. corymbosus (Roem. & Schult.) J.Raynal var. *brachyceras* (A.Rich.) Lye (7)
Scirpus brachyceras A.Rich. (7)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.5–1.6 m. Alt 850–2000 m. LIM, NW, G, M, S, FS, KZN, EC

brachyceras (A.Rich.) Lye × **S. decipiens** (Nees) J.Raynal
Perennial. Herb, cyperoid, helophyte. Ht 0.08–0.8 m. Alt ?–1800 m. M

confusus (N.E.Br.) Lye subsp. **natalitius** Browning
Perennial. Herb, cyperoid, helophyte. Ht up to 0.91 m. Alt 50–130 m. KZN

corymbosus (Roem. & Schult.) J.Raynal
Isolepis corymbosa Roem. & Schult., not of C.Presl (3)
Scirpus corymbosus Roth, illegitimate name (3)
Scirpus inclinatus (Barbey) Boiss. (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–2.8 m. Alt ± 300–1770 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC

corymbosus (Roem. & Schult.) J.Raynal var. *brachyceras* (A.Rich.) Lye = **S. brachyceras**

decipiens (Nees) J.Raynal
Isolepis decipiens Nees (3)
Scirpus paludicola Kunth forma *decipiens* (Nees) C.B.Clarke (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.9 m. Alt 30–2350 m. B, LIM, G, M, FS, KZN, L, WC, EC

erectus (Poir.) J.Raynal
Scirpus erectus Poir. (4)
Scirpus raynalii Schuyler (4)
Scirpus sinuatus Schuyler (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.1–0.65 m. Alt 1–1345 m. N, B, LIM, KZN, NC

lacustris in sense of authors, not of (L.) Palla = **S. tabernaemontani**

lateriflorus (J.F.Gmel.) Lye
Scirpus lateriflorus J.F.Gmel. (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.1–0.35 m. Alt ?–± 1000 m. N, B

leucanthus (Boeck.) J.Raynal
Scirpus leucanthus Boeck. (4)
Scirpus supinus in sense of authors, not of L. var. *leucosperma* C.B.Clarke (4)
Annual. Herb, cyperoid, helophyte. Ht 0.03–0.3 m. Alt ?–1345 m. N, LIM, M, FS, NC

litoralis in sense of authors, not of (Schrad.) Palla = **S. scirpoideus**

muricinux (C.B.Clarke) J.Raynal
Scirpus muricinux C.B.Clarke (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.17–0.5 m. Alt 520–1520 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

muriculatus (Kük.) Browning
Scirpus muriculatus Kük. (6)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.18–0.9 m. Alt 860–2140 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

paludicola (Kunth) J.Raynal
Scirpus paludicola Kunth (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.35–0.91 m. Alt 60–1524 m. M, KZN, WC, EC

praelongatus (Poir.) J.Raynal = **S. senegalensis**

pulchellus (Kunth) J.Raynal
Ficinia pulchella Kunth (3)
Scirpus pulchellus (Kunth) Boeck. (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 0.3 m. Alt ?–1800 m. LIM, G, M, FS, KZN, L, NC

roylei (Nees) Ovcz. & Czukav.
Isolepis roylei Nees (4)
Scirpus roylei (Nees) R.Parker (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.13–0.4 m. Alt ?–± 1000 m. N, B

scirpoideus (Schrad.) Browning
Pterolepis scirpoides Schrad. (8)
S. litoralis in sense of authors, not of (Schrad.) Palla (8)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–2 m. Alt 1–1600 m. N, B, LIM, KZN, NC, WC, EC

senegalensis (Steud.) J.Raynal
Isolepis senegalensis Steud. (4)
S. praelongatus (Poir.) J.Raynal (5)
Scirpus jacobi C.E.C.Fisch. (4)
Scirpus praelongatus Poir. (5)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.15–0.6 m. Alt 215–1050 m. N, B, LIM, M, S, FS, KZN

subulatus (Vahl) Lye
Scirpus subulatus Vahl (8)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–2 m. Alt 200–± 1000 m. N

***tabernaemontani** (C.C.Gmel.) Palla
S. lacustris in sense of authors, not of (L.) Palla (9)
Scirpus tabernaemontani C.C.Gmel. (9)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.8–2 m. Alt ± 600–1700 m. N, LIM, G, FS, L, NC, EC

***triqueter** (L.) Palla
Scirpus triqueter L. (2)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.52 m. Alt 1–1525 m. NW, M, FS, WC, EC

SCHOENOXIPHIUM Nees 0521000

(1) Clarke. 1898. *FC* 7: 297–299.
(2) Kükenthal. 1909. *Das Pflanzenreich* 38: 28–33.
(3) Kukkonen. 1983. *Bothalia* 14: 819–823.
(4) Kukkonen. 1986. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 43: 364–366.
Note: in most cases altitude and distribution cannot be determined because of older PRE accessions being on loan.

altum Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.75 m. Alt 180–360 m. WC

basutorum Turrill
Kobresia basutorum (Turrill) Koyama (3)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.51 m. Alt ?–± 1600 m. FS, L

bracteosum Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.4–0.9 m. Alt ?–2740 m. KZN, L, EC

buchananii C.B.Clarke = **S. rufum** var. **rufum**

burkei C.B.Clarke = **S. rufum** var. **dregeanum**

burttii Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht up to 1.2 m. Alt ?–2045 m. KZN

capense Nees = **S. lanceum**

caricoides C.B.Clarke, illegitimate name = **S. sparteum**

distinctum Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.17 m. Alt ?–2985 m. KZN, L

dregeanum Kunth = **S. rufum** var. **dregeanum**

ecklonii Nees var. **ecklonii**
Carex zeyheri C.B.Clarke (2)
Kobresia ecklonii (Nees) Koyama var. *ecklonii* (3)
Kobresia thunbergii (Nees) Koyama (3)
S. thunbergii Nees forma *elongata* Boeck. (2)
S. thunbergii Nees in part (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–725 m. WC

ecklonii Nees var. **unisexuale** Kük.
Carex bisexualis C.B.Clarke (2)
Kobresia ecklonii (Nees) Koyama var. *unisexualis* (Kük.) Koyama (3)
S. thunbergii Nees in part (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt? WC

filiforme Kük.
Kobresia filiforme (Kük.) Koyama (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.16–0.26 m. Alt ?–2345 m. L, EC

kunthianum Kük. = **S. sparteum**

lanceum (Thunb.) Kük.
Carex lanceus (Thunb.) Baill. (2)
Carex ramosa Nees, not of Schkuhr (2)
Kobresia lancea (Thunb.) Koyama (3)
S. capense Nees (2)
S. meyerianum Kunth (2)
S. sickmannianum Kunth (2)
Schoenus lanceus Thunb. (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 320–610 m. WC

lehmannii (Nees) Steud.
Carex esenbeckiana Boeck. (2)
Carex uhligii C.B.Clarke (3)
Kobresia lehmannii (Nees) Koyama var. *lehmannii* (3)

S. sparteum (Wahlenb.) C.B.Clarke var. *lehmannii* (Nees) Kük. (3)
Uncinia lehmannii Nees (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 120–1510 m. LIM, NW, G, M, FS, KZN, WC, EC

ludwigii Hochst. = **S. rufum** var. **rufum**

madagascariense Cherm.
Perennial. Herb, cyperoid, mesophyte. Ht 0.56–1.1 m. Alt 915–± 2000 m. M, S, FS, KZN

meyerianum Kunth = **S. lanceum**

molle Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt ?–2135 m. KZN

perdensum Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 1220–1920 m. FS, KZN, EC

rufum Nees var. **dregeanum** (Kunth) Kük.
S. burkei C.B.Clarke (2)
S. dregeanum Kunth (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.9 m. Alt? WC, EC

rufum Nees var. **pondoense** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt? EC

rufum Nees var. **rufum**
Carex buchananii C.B.Clarke (3)
Kobresia buchananii (C.B.Clarke) Koyama, invalid combination (3)
Kobresia rufa (Nees) Koyama (3)
S. buchananii C.B.Clarke, never published (3)
S. ludwigii Hochst. (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt? FS, KZN, NC

schimperianum (Boeck.) C.B.Clarke = **S. sparteum**

schweickerdtii Merxm. & Podlech
Kobresia schweickerdtii (Merxm. & Podlech) Koyama (3)
Perennial. Herb, cyperoid, mesophyte. Ht 1.35–1.4 m. Alt 1650–± 2000 m. M, EC

sickmannianum Kunth = **S. lanceum**

sparteum (Wahlenb.) C.B.Clarke
Carex bolusii C.B.Clarke (3)
Carex esenbeckiana Boeck. var. *elongata* Boeck. (2)
Carex schimperianum Boeck. (3)
Carex spartea Wahlenb. (2)
Kobresia kunthiana (Kük.) Koyama var. *kunthiana* (3)
Kobresia lehmannii (Nees) Koyama var. *schimperiana* (Boeck.) Koyama (3)
Kobresia sparteum (Wahlenb.) Koyama (3)
S. caricoides C.B.Clarke, illegitimate name (2)
S. kunthianum Kük. (3)
S. schimperianum (Boeck.) C.B.Clarke (2)
S. sparteum (Wahlenb.) C.B.Clarke var. *schimperianum* (Boeck.) Kük. (3)
Uncinia spartea (Wahlenb.) Spreng. (2)
Uncinia sprengelii Nees (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 30–± 2000 m. S, FS, KZN, L, EC

sparteum (Wahlenb.) C.B.Clarke var. *lehmannii* (Nees) Kük. = **S. lehmannii**

sparteum (Wahlenb.) C.B.Clarke var. *schimperianum* (Boeck.) Kük. = **S. sparteum**

strictum Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt ?–± 2070 m. KZN

thunbergii Nees forma *elongata* Boeck. = **Schoenoxiphium ecklonii** var. **ecklonii**

thunbergii Nees in part = **Schoenoxiphium ecklonii** var. **ecklonii**

thunbergii Nees in part = **Schoenoxiphium ecklonii** var. **unisexuale**

SCHOENUS L. 0477000

(1) Clarke. 1898. *FC* 7: 271–273.
(2) Kükenthal. 1938. *Feddes Repertorium* 44: 168, 172.
(3) Archer. Personal communication.

arenarius Schrad. = **Tetraria compar**

bromoides Lam. = **Tetraria bromoides**

bulbosus L. = **Ficinia bulbosa**

burmannii Vahl = **Tetraria burmannii**

capensis L. = **Ischyrolepis capensis**

capillaceus Thunb. = **Tetraria capillacea**

capitellum Thunb. = **Ficinia capitella**

compar L. = **Tetraria compar**

cuspidatus Rottb. = **Tetraria cuspidata**

dactyloides Vahl = **Carpha glomerata**

deustus P.J.Bergius = **Ficinia deusta**

dispar Spreng. = **Ficinia secunda**

dregeanus (Boeck.) Kuntze = **Epischoenus dregeanus**

fasciatus Rottb. = **Tetraria fasciata**

flexuosus Thunb. = **Tetraria flexuosa**

glomeratus Thunb., illegitimate name = **Carpha glomerata**

holoschoenoides Rich. = **Rhynchospora holoschoenoides**

inanis Thunb. = **Pseudoschoenus inanis**

indicus Lam. = **Ficinia indica**

involucratus Rottb. = **Tetraria involucrata**

lanceus Thunb. = **Schoenoxiphium lanceum**

lateralis Vahl = **Ficinia lateralis**

loreus (Nees) Kuntze = **Tetraria cuspidata** var. **lorea**

microstachys Vahl = **Tetraria microstachys**

nigricans L.
S. nigricans L. var. *aggregatus* in sense of Kük., not of (Thunb.) Kük. (3)
Tetraria capitata Kük. (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.22–1.5 m. Alt 5–2200 m. NW, M, FS, KZN, WC, EC

nigricans L. var. *aggregatus* in sense of Kük., not of (Thunb.) Kük. = **S. nigricans**

pallens Schrad. = **Ficinia pallens** var. **pallens**

punctorius Vahl = **Neesenbeckia punctoria**

quadrangularis Boeck. = **Epischoenus quadrangularis**

radiatus L.f. = **Ficinia radiata**

secundus Vahl = **Ficinia secunda**

thermalis L. = **Tetraria thermalis**

thermalis Willd., not of L. = **Tetraria bromoides**

ustulatus L. = **Tetraria ustulata**

viscosus Schrad. = **Tetraria compar**

SCIRPOIDES Ség. 0468050

(1) Browning & Gordon-Gray. 1994. *South African Journal of Botany* 60: 315–320.
(2) Goetghebeur *et al.* 2000. *Novon* 10: 132, 133.

burkei (C.B.Clarke) Goetgh., Muasya & D.A.Simpson
Scirpus burkei C.B.Clarke (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.45–0.75 m. Alt ± 300–± 2500 m. LIM, NW, G, M, FS, KZN, L, NC, EC

dioecus (Kunth) Browning
Scirpus dioecus (Kunth) Boeck. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–1.8 m. Alt 0–1710 m. N, B, LIM, NW, M, FS, NC, WC

nodosus (Rottb.) Soják = **Ficinia nodosa**

thunbergii (Schrad.) Soják
Isolepis thunbergii Schrad. (1)
Scirpus holoschoenus L. var. *thunbergii* (Schrad.) C.B.Clarke (1)
Scirpus thunbergianus (Nees) Levyns (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.9 m. Alt 10–300 m. WC, EC

SCIRPUS L. 0468000

(1) Clarke. 1898. *FC* 7: 210–234.
(2) Archer. Personal communication.

aciformis B.Nord. = **Isolepis hemiuncialis**

acrostachys Steud. = **Ficina acrostachys**

acutangulus Roxb. = **Eleocharis acutangula**

antarcticus in sense of C.B.Clarke in part, not of L. = **Isolepis marginata**

antarcticus L. in part = **Isolepis antarctica**

antarcticus L. in part = **Isolepis diabolica**

articulatus L. = **Schoenoplectus articulatus**

atropurpureus Retz. = **Eleocharis atropurpurea**

barbatus Rottb. = **Bulbostylis barbata**

bergianus Spreng. = **Isolepis antarctica**

bisumbellatus Forssk. = **Fimbristylis bisumbellata**

bivalvis Lam. = **Fimbristylis bivalvis**

boeckelerianus Schweinf. = **Bulbostylis boeckeleriana**

brachyceras A.Rich. = **Schoenoplectus brachyceras**

brevicaulis Levyns = **Isolepis brevicaulis**

bulbiferus Boeck. = **Isolepis bulbifera**

burchellii C.B.Clarke = **Isolepis brevicaulis**

burkei C.B.Clarke = **Scirpoides burkei**

caducus Delile = **Eleocharis caduca**

capillifolius Parl. = **Isolepis striata**

cartilagineus (R.Br.) Poir. = **Isolepis marginata**

cernuus Vahl = **Isolepis cernua** var. **cernua**

cernuus Vahl var. *subtilis* (Kunth) C.B.Clarke = **Isolepis sepulcralis**

chinensis Osb. = **Lipocarpha chinensis**

chlorostachyus Levyns = **Isolepis sepulcralis**

ciliaris L. = **Fuirena ciliaris**

complanatus Retz. = **Fimbristylis complanata**

confervoides Poir. = **Websteria confervoides**

corymbosus L. = **Rhynchospora corymbosa** var. **corymbosa**

corymbosus Roth, illegitimate name = **Schoenoplectus corymbosus**

costatus (A.Rich.) Boeck. = **Isolepis costata**

costatus (A.Rich.) Boeck. var. *macer* (Boeck.) Cherm. = **Isolepis costata**

cubensis Poepp. & Kunth = **Oxycaryum cubense**

delicatulus Levyns = **Isolepis bulbifera**

diabolicus Steud. = **Isolepis diabolica**

dichotomus L. = **Fimbristylis dichotoma**

digitatus (Schrad.) Boeck. = **Isolepis digitata**

dioecus (Kunth) Boeck. = **Scirpoides dioecus**

diphyllus Retz. = **Fimbristylis dichotoma**

dregeanus C.B.Clarke = **Isolepis capensis**

eckloneus Steud. = **Ficinia ecklonea**

erectus Poir. = **Schoenoplectus erectus**

expallescens (Kunth) Boeck. = **Isolepis expallescens**

falsus C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.18–0.2 m. Alt 1675–3400 m. M, FS, KZN, L, EC

ferrugineus L. = **Fimbristylis ferruginea**

ficinioides Kunth
Isolepis ficinioides (Kunth) Steud. (2)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.6 m. Alt 915–2990 m. LIM, G, M, S, FS, KZN, L, EC

filamentosus Vahl = **Bulbostylis filamentosa**

flaccifolius Steud. = **Isolepis digitata**

fluitans L. = **Isolepis fluitans** var. **fluitans**

fluitans L. var. *fascicularis* (Nees) Boeck. = **Isolepis fluitans** var. **fluitans**

fluitans L. var. *robustus* Boeck. = **Isolepis striata**

geniculatus L. in part = **Eleocharis geniculata**

glaucus Lam. = **Bolboschoenus glaucus**

globiceps C.B.Clarke = **Isolepis rubicunda**

griquensium C.B.Clarke = **Isolepis sepulcralis**

hemisphaericus Roth = **Lipocarpha hemisphaerica**

hemiuncialis C.B.Clarke = **Isolepis hemiuncialis**

hispidulus in sense of authors, not of Vahl = **Bulbostylis hispidula** subsp. **pyriformis**

holoschoenus L. var. *thunbergii* (Schrad.) C.B.Clarke = **Scirpoides thunbergii**

hystricoides B.Nord. = **Lipocarpha rehmannii**

hystrix in sense of C.B.Clarke in part, not of Thunb. = **Lipocarpha rehmannii**

hystrix Thunb. = **Isolepis hystrix**

inanis (Thunb.) Steud. = **Pseudoschoenus inanis**

inclinatus (Barbey) Boiss. = **Schoenoplectus corymbosus**

incomtulus Boeck. = **Isolepis incomtula**

inconspicuus Levyns = **Isolepis inconspicua**

jacobi C.E.C.Fisch. = **Schoenoplectus senegalensis**

karroicus C.B.Clarke = **Isolepis karroica**

laciniatus Thunb. = **Ficinia laciniata**

laeteflorens C.B.Clarke = **Bolboschoenus nobilis**

lateriflorus J.F.Gmel. = **Schoenoplectus lateriflorus**

leptus (C.B.Clarke) Levyns = **Eleocharis lepta**

leucanthus Boeck. = **Schoenoplectus leucanthus**

limosus Schrad. = **Eleocharis limosa**

ludwigii (Steud.) Boeck. = **Isolepis ludwigii**

lugardii C.B.Clarke = **Cyperus hamulosus**

macer Boeck. = **Isolepis costata**

marginatus Thunb. = **Isolepis marginata**

maritimus L. = **Bolboschoenus maritimus**

maritimus L. var. *laeteflorens* (C.B.Clarke) Kük. = **Bolboschoenus nobilis**

maritimus L. var. *nobilis* (Ridl.) C.B.Clarke = **Bolboschoenus nobilis**

membranaceus Thunb. = **Hellmuthia membranacea**

micranthus Vahl = **Lipocarpha micranthus**

microcephalus (Steud.) Dandy = **Kyllingiella microcephala**

minutus Turrill = **Isolepis minuta**

muricinux C.B.Clarke = **Schoenoplectus muricinux**

muriculatus Kük. = **Schoenoplectus muriculatus**

mutatus L. = **Eleocharis mutata**

nanodes Levyns = **Isolepis pusilla**

natans Thunb. = **Isolepis natans**

nobilis Ridl. = **Bolboschoenus nobilis**

nodosus Rottb. = **Ficinia nodosa**

obtusifolius Lam. = **Fimbristylis obtusifolius**

oliganthus Steud. = **Ficinia oliganthus**

paludicola Kunth = **Schoenoplectus paludicola**

paludicola Kunth forma *decipiens* (Nees) C.B.Clarke = **Schoenoplectus decipiens**

pictus Boeck. = **Isolepis cernua** var. **cernua**

pinguiculus C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht 0.03–0.08 m. Alt? NW, NC

praelongatus Poir. = **Schoenoplectus senegalensis**

prolifer Rottb. = **Isolepis prolifera**

pulchellus (Kunth) Boeck. = **Schoenoplectus pulchellus**

raynalii Schuyler = **Schoenoplectus erectus**

rehmannii Ridl. = **Lipocarpha rehmannii**

rivularis (Schrad.) Boeck. = **Isolepis natans**

roylei (Nees) R.Parker = **Schoenoplectus roylei**

rubicundus (Nees) Parl. = **Isolepis rubicunda**

setaceus L. = **Isolepis setacea**

sinuatus Schuyler = **Schoenoplectus erectus**

sororius (Kunth) C.B.Clarke = **Isolepis sororia**

spathaceus Hochst. = **Pseudoschoenus inanis**

striatus (Nees) Fourc. = **Isolepis striata**

subulatus Vahl = **Schoenoplectus subulatus**

supinus in sense of authors, not of L. var. *leucosperma* C.B.Clarke = **Schoenoplectus leucanthus**

tabernaemontani C.C.Gmel. = **Schoenoplectus tabernaemontani**

tenuis Spreng., illegitimate name = **Isolepis pusilla**

tenuissimus (Nees) Boeck. = **Isolepis tenuissima**

thunbergianus (Nees) Levyns = **Scirpoides thunbergii**

trachyspermus (Nees) C.B.Clarke = **Isolepis trachysperma**

triqueter L. = **Schoenoplectus triqueter**

trispicatus L.f. = **Ficinia trispicata**

tristachyos Rottb. = **Ficinia tristachya**

truncatus Thunb. = **Ficinia truncata**

variegatus Poir. = **Eleocharis variegata**

varius C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.4–1.2 m. Alt ?–1950 m. LIM, NW, G, M, S, KZN

venustulus (Kunth) Boeck. = **Isolepis venustula**

verrucosulus Steud. = **Isolepis cernua** var. **setiformis**

verrucosulus Steud. var. *pterycaryon* C.B.Clarke = **Isolepis cernua** var. **setiformis**

SCLERIA P.J.Bergius 0515000

(1) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 327–360.
(2) Hennessy. 1985. *Bothalia* 15: 505–530.
(3) Gordon-Gray. 1995. *Strelitzia* 2: 178–187.

achtenii De Wild.
Perennial. Herb, cyperoid, helophyte. Ht 0.79–1.19 m. Alt 8–450 m. KZN

angusta Kunth
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.37–1.98 m. Alt 10–90 m. KZN

aterrima (Ridl.) Napper
S. catophylla C.B.Clarke (2)
S. hirtella Sw. var. *aterrima* Ridl. (2)
Perennial. Herb, cyperoid, helophyte. Ht 0.29–0.88 m. Alt 30–1435 m. LIM, NW, M, KZN, EC

bulbifera A.Rich.
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.2–0.6 m. Alt 150–2070 m. LIM, NW, G, M, S, KZN, EC

catophylla C.B.Clarke = **S. aterrima**

dieterlenii Turrill
S. flexuosa in sense of E.A.Rob., not of Boeck. (2)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt ?–2450 m. G, M, KZN, L, EC

distans Poir.
S. nutans Kunth (1)
Perennial. Herb, cyperoid, helophyte. Ht 0.19–0.59 m. Alt 15–± 1300 m. B, G, M, KZN, EC

dregeana Kunth
S. holcoides Kunth (2)
S. meyeriana Kunth (2)
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.8 m. Alt 610–1950 m. B, LIM, G, M, S, KZN, L, EC

flexuosa in sense of E.A.Rob., not of Boeck. = **S. dieterlenii**

foliosa A.Rich.
Annual. Herb, cyperoid, helophyte. Ht 0.23–0.65 m. Alt ± 300–± 1000 m. N, B, LIM, M, S

greigiifolia (Ridl.) C.B.Clarke
Acriulus greigiifolius Ridl. (2)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.15–2.15 m. Alt ?–500 m. KZN

hirtella Sw. var. *aterrima* Ridl. = **S. aterrima**

holcoides Kunth = **S. dregeana**

lacustris C.H.Wright
Annual. Herb, cyperoid, emergent hydrophyte. Ht up to 2.8 m. Alt ?–± 1000 m. B

lagoensis Boeck.
Perennial. Herb, cyperoid, helophyte. Ht 0.53–2.12 m. Alt ?–1220 m. S

longispiculata Nelmes
Perennial. Herb, cyperoid, helophyte. Ht 0.49–1.18 m. Alt ?–± 1000 m. N

melanomphala Kunth
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.8 m. Alt 2–1040 m. B, LIM, M, S, KZN, EC

meyeriana Kunth = **S. dregeana**

natalensis C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht 0.53–1 m. Alt 5–1000 m. KZN, EC

nutans Kunth = **S. distans**

pergracilis (Nees) Kunth
Hypoporum pergracile Nees (2)
Annual. Herb, cyperoid, helophyte. Ht 0.15–0.45 m. Alt ?–1065 m. KZN

poiformis Retz.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.4–2.28 m. Alt 8–10 m. KZN

rehmannii C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht 0.34–1.67 m. Alt ± 300–± 1000 m. N, LIM

sobolifer E.F.Franklin
Perennial. Herb, cyperoid, helophyte. Ht 0.18–1.01 m. Alt 5–450 m. KZN

transvaalensis E.F.Franklin
Perennial. Herb, cyperoid, mesophyte. Ht 0.55–1.34 m. Alt ?–1900 m. LIM, M, S, KZN

unguiculata E.A.Rob.
Perennial. Herb, cyperoid, helophyte. Ht 0.8–1.2 m. Alt 10–940 m. B, KZN

veseyfitzgeraldii E.A.Rob.
Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt ?–1005 m. N, B

welwitschii C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht up to 0.48 m. Alt 1067–1845 m. LIM, M, S, KZN, EC

woodii C.B.Clarke
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.75 m. Alt 15–2000 m. B, LIM, G, M, S, FS, KZN, L, EC

SCLEROCHAETIUM Nees 0494060

angustifolium Hochst. = **Tetraria bromoides**

koenigii Hochst. = **Tetraria bromoides**

SICKMANNIA Nees 0465010

radiata (L.f.) Nees = **Ficinia radiata**

TETRARIA P.Beauv. 0494000

(1) Clarke. 1898. *FC* 7: 275–290.
(2) Clarke. 1900. *FC* 7: 759, 760.
(3) Turrill. 1925. *Kew Bulletin* 1925: 67–76.
(4) Pfeiffer. 1927. *Feddes Repertorium* 23: 347.
(5) Kükenthal. 1931. *Feddes Repertorium* 29: 187–202.
(6) Kükenthal. 1940. *Feddes Repertorium* 48: 195–250.
(7) Levyns. 1947. *Journal of South African Botany* 13: 73–93.
(8) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 121–128.
(9) Burtt. 1976. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 34: 282.
(10) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 90, 91.
(11) Archer. Personal communication.

angustifolia (Hochst.) Pfeiff. = **T. bromoides**

aristata (Boeck.) C.B.Clarke = **T. flexuosa**

autumnalis Levyns = **T. ligulata**

bachmannii Kük. = **Cyathocoma bachmannii**

bolusii C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 10–1220 m. WC

brachyphylla Levyns
T. sylvatica (Nees) C.B.Clarke var. *pseudocuspidata* Kük. (8)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 30–230 m. WC, EC

brevicaulis C.B.Clarke, never published = **Capeobolus brevicaulis**

bromoides (Lam.) Pfeiff.
Schoenus bromoides Lam. (4)
Schoenus thermalis Willd., not of L. (4)
Sclerochaetium angustifolium Hochst. (11)
Sclerochaetium koenigii Hochst. (4)
T. angustifolia (Hochst.) Pfeiff. (11)
T. bromoides (Lam.) Pfeiff. var. *angustifolia* (Hochst.) Kük. (11)
T. rottboellii (Schrad.) C.B.Clarke (4)
T. rottboellioides C.B.Clarke (7)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–2 m. Alt 55–1525 m. WC, EC

bromoides (Lam.) Pfeiff. var. *angustifolia* (Hochst.) Kük. = **T. bromoides**

burmannii (Vahl) C.B.Clarke (1)
Chaetospora burmannii (Vahl) Schrad. (1)
Schoenus burmannii Vahl (5)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.25 m. Alt 400–670 m. WC, EC

capillacea (Thunb.) C.B.Clarke
Chaetospora capillacea (Thunb.) Nees (1)
Schoenus capillaceus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.45 m. Alt 90–1675 m. WC, EC

capitata Kük. = **Schoenus nigricans**

circinalis (Schrad.) C.B.Clarke = **T. microstachys**

circinalis (Schrad.) C.B.Clarke var. *transiens* Kük. = **T. pubescens**

compacta Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 55–155 m. WC

compar (L.) T.Lestib.
Elynanthus arenarius (Schrad.) Nees (1)
Elynanthus viscosus (Schrad.) Nees (1)
Rhynchospora nitida Spreng. (1)
Schoenus arenarius Schrad. (1)
Schoenus compar L. (1)
Schoenus viscosus Schrad. (1)
T. compar (L.) T.Lestib. var. *minor* (Boeck.) Kük. (11)
T. thuarii P.Beauv. (7)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.75 m. Alt 20–1065 m. WC, EC

compar (L.) T.Lestib. var. *minor* (Boeck.) Kük. = **T. compar**

compressa Turrill = **T. robusta**

crassa Levyns
T. cuspidata (Rottb.) C.B.Clarke forma *robustior* Kük. (7)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ?–670 m. WC

crinifolia (Nees) C.B.Clarke
Aulacorhynchus crinifolius Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 200–1180 m. WC

cuspidata (Rottb.) C.B.Clarke forma *gracilis* (Nees) Boeck. = **T. exilis**

cuspidata (Rottb.) C.B.Clarke forma *robustior* Kük. = **T. crassa**

cuspidata (Rottb.) C.B.Clarke var. **cuspidata**
Schoenus cuspidatus Rottb. (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.01–0.8 m. Alt 10–2475 m. LIM, M, KZN, L, WC, EC

cuspidata (Rottb.) C.B.Clarke var. **lorea** (Nees) C.B.Clarke
Elynanthus loreus Nees (1)
Schoenus loreus (Nees) Kuntze (6)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

dregeana (Boeck.) C.B.Clarke = **Epischoenus dregeanus**

exilis Levyns
T. cuspidata (Rottb.) C.B.Clarke forma *gracilis* (Nees) Boeck. (7)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 120–460 m. WC

eximia C.B.Clarke
T. thermalis (L.) C.B.Clarke var. *eximia* (C.B.Clarke) Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 15–475 m. WC

fasciata (Rottb.) C.B.Clarke
Schoenus fasciatus Rottb. (1)
T. pleosticha C.B.Clarke (10)
Perennial. Herb, cyperoid, mesophyte. Ht 0.38–0.5 m. Alt 30–2640 m. WC, EC

fasciata (Rottb.) C.B.Clarke var. *maculata* (Schönland & Turrill) Kük. = **T. maculata**

ferruginea C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ?–1525 m. WC

fimbriolata (Nees) C.B.Clarke
Chaetospora fimbriolata Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.4 m. Alt 15–1185 m. WC, EC

flexuosa (Thunb.) C.B.Clarke
Schoenus flexuosus Thunb. (1)
T. aristata (Boeck.) C.B.Clarke (11)
Perennial. Herb, cyperoid, mesophyte. Ht 0.45–0.91 m. Alt 25–1830 m. WC

fourcadei Turrill & Schönland
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.8 m. Alt 945–1830 m. WC, EC

galpinii Schönland & Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.24 m. Alt ?–60 m. EC

gracilis Turrill = **Epischoenus adnatus**

graminifolia Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–305 m. EC

involucrata (Rottb.) C.B.Clarke
Schoenus involucratus Rottb. (1)
T. spiralis (Hochst.) C.B.Clarke (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.76–2.43 m. Alt 215–2000 m. WC, EC

ligulata (Boeck.) C.B.Clarke
Elynanthus ligulatus Boeck. (1)
T. autumnalis Levyns (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 640–1000 m. WC

lucida C.B.Clarke = **Epischoenus lucidus**

macowaniana B.L.Burtt = **T. triangularis**

macowanii C.B.Clarke, illegitimate name = **T. triangularis**

maculata Schönland & Turrill
T. fasciata (Rottb.) C.B.Clarke var. *maculata* (Schönland & Turrill) Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.47 m. Alt ?–1860 m. WC

microstachys (Vahl) Pfeiff.
Schoenus microstachys Vahl (4)
T. circinalis (Schrad.) C.B.Clarke (4)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 110–765 m. WC, EC

natalensis (C.B.Clarke) Koyama = **Costularia natalensis**

nigrovaginata (Nees) C.B.Clarke
Boeckeleria nigrovaginata (Nees) Pfeiff. (6)
Cyathocoma nigrovaginata Nees (4)
Decalepis dregeana Boeck. (4)
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.6 m. Alt 200–1500 m. WC

paludosa Levyns
Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt ?–180 m. WC

picta (Boeck.) C.B.Clarke
Elynanthus pictus Boeck. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.25 m. Alt 365–1585 m. WC

pillansii Levyns
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.45 m. Alt 490–1130 m. WC, EC

pleosticha C.B.Clarke = **T. fasciata**

pubescens Schönland & Turrill
T. circinalis (Schrad.) C.B.Clarke var. *transiens* Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.08 m. Alt 730–1830 m. WC

punctoria (Vahl) C.B.Clarke = **Neesenbeckia punctoria**

pygmaea Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.15 m. Alt 530–1295 m. WC

robusta (Kunth) C.B.Clarke
Chaetospora robusta Kunth (1)
T. compressa Turrill (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1.5–1.8 m. Alt 150–1675 m. KZN, WC, EC

robusta (Kunth) C.B.Clarke var. *secans* (C.B.Clarke) Kük. = **T. secans**

rottboellii (Schrad.) C.B.Clarke = **T. bromoides**

rottboellioides C.B.Clarke = **T. bromoides**

schonlandii Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.35 m. Alt ?–650 m. EC

secans C.B.Clarke
T. robusta (Kunth) C.B.Clarke var. *secans* (C.B.Clarke) Kük. (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 2.5 m. Alt 200–765 m. WC, EC

spiralis (Hochst.) C.B.Clarke = **T. involucrata**

sylvatica (Nees) C.B.Clarke var. *pseudocuspidata* Kük. = **T. brachyphylla**

sylvatica (Nees) C.B.Clarke var. **pseudolorea** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.45 m. Alt 110–1525 m. WC, EC

sylvatica (Nees) C.B.Clarke var. **sylvatica**
Elynanthus sylvaticus Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.7 m. Alt 25–1615 m. WC, EC

sylvatica (Nees) C.B.Clarke var. **triflora** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht ± 0.3 m. Alt ?–1675 m. WC

thermalis (L.) C.B.Clarke
Schoenus thermalis L. (6)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1–1.67 m. Alt 1–1050 m. WC

thermalis (L.) C.B.Clarke var. *eximia* (C.B.Clarke) Kük. = **T. eximia**

thuarii in sense of C.B.Clarke, not of P.Beauv. = **Cyathocoma ecklonii**

thuarii in sense of C.B.Clarke, not of P.Beauv. var. *gracilior* C.B.Clarke = **Cyathocoma bachmannii**

thuarii P.Beauv. = **T. compar**

triangularis (Boeck.) C.B.Clarke
Lepidosperma triangulare Boeck. (1)
T. macowaniana B.L.Burtt (10)
T. macowanii C.B.Clarke, illegitimate name (9)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.6 m. Alt 20–1905 m. KZN, WC, EC

ustulata (L.) C.B.Clarke
Elynanthus ustulatus (L.) Nees (1)
Lepisia ustulata (L.) C.Presl (1)
Schoenus ustulatus L. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.37–0.7 m. Alt 125–1600 m. NC, WC

vaginata Schönland & Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt ?–1830 m. WC

variabilis Levyns
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt ?–± 350 m. WC

THRYOCEPHALON J.R.Forst. & G.Forst. 0462020

nemorale J.R.Forst. & G.Forst. = **Kyllinga nemoralis**

TRIANOPTILES Fenzl 0475000

(1) Levyns. 1943. *Journal of South African Botany* 9: 21–26.
(2) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 119, 120.

capensis (Steud.) Harv.
Carpha capensis (Steud.) Pfeiff. (1)
Ecklonea capensis Steud. (1)
Annual. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 30–670 m. WC

solitaria (C.B.Clarke) Levyns
Carpha solitaria (C.B.Clarke) Pfeiff. (1)
Ecklonea solitaria C.B.Clarke (1)
Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt ?–± 70 m. WC

stipitata Levyns
Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt ?–685 m. NC, WC

TRICHELOSTYLIS T.Lestib. 0471030

contexta Nees = **Bulbostylis contexta**

ludwigii (Steud.) Nees = **Isolepis ludwigii**

obtusifolia (Lam.) Nees = **Fimbristylis obtusifolia**

UNCINIA Pers. 0524000

lehmannii Nees = **Schoenoxiphium lehmannii**

spartea (Wahlenb.) Spreng. = **Schoenoxiphium sparteum**

sprengelii Nees = **Schoenoxiphium sparteum**

VOLKIELLA Merxm. & Czech 0452010

(1) Merxmüller & Czech. 1953. *Mitteilungen der Botanischen Staatssammlung München* 1: 317–323.
(2) Podlech. 1967. In Merxmüller, *FSWA* 165: 52, 53.

disticha Merxm. & Czech
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ± 1000–1095 m. N

WEBSTERIA S.H.Wright 0458000

(1) Hooper. 1972. *Kew Bulletin* 26: 577–583.

confervoides (Poir.) S.S.Hooper
Scirpus confervoides Poir. (1)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht? Alt ?–± 1000 m. N?, B

DIOSCOREACEAE

Compiled by R.H. Archer

DIOSCOREA L. 1252000

(1) Baker. 1896. *FC* 6: 246–253.
(2) Knuth. 1924. *Das Pflanzenreich* 4: 43 (87,4): 1–387.
(3) Burkill. 1952. *Journal of South African Botany* 18: 177–191.
(4) Archibald. 1967. *Journal of South African Botany* 33: 1–46.
(5) Sölch. 1969. *FSWA* 153: 1, 2.
(6) Blunden *et al.* 1971. *Botanical Journal of the Linnean Society* 64: 431–446.
(7) Milne-Redhead. 1975. *FTEA* Dioscoreaceae: 1–25.
(8) Wilkin. 1999. *Kew Bulletin* 54: 1–18.
(9) Wilkin. 1999. *Kew Bulletin* 54: 19–39.
(10) Wilkin. 2001. *Kew Bulletin* 56: 361–404.
(11) Rowley. 2002. *Illustrated handbook of succulent plants.* Monocotyledons: 254–257.
(12) Obermeyer. Personal communication.

asteriscus Burkill
Perennial. Geophyte, climber. Ht ± 2 m. Alt 1000–1500 m. N, B

brevipes Burtt Davy = **D. sylvatica** var. **brevipes**

brownii Schinz
Perennial. Geophyte, herb. Ht 0.5–1 m. Alt 650–1450 m. KZN, EC

burchellii Baker
Perennial. Geophyte, climber. Ht 1–2 m. Alt 25–350 m. WC, EC

cochleari-apiculatus De Wild.
Perennial. Geophyte, climber. Ht 2–12 m. Alt 1000–1500 m. N

cotinifolia Kunth
D. malifolia Baker (4)
Perennial. Geophyte, climber. Ht 2–4 m. Alt 250–1800 m. LIM, M, S, KZN, EC

crinita Hook.f. = **D. quartiniana**

digitaria R.Knuth = **D. diversifolia**

dinteri Schinz = **D. quartiniana**

diversifolia Griseb.
D. digitaria R.Knuth (12)
D. multiloba Kunth (12)
Perennial. Geophyte, climber. Ht ± 2 m. Alt 25–1500 m. S, KZN, EC

dregeana (Kunth) T.Durand & Schinz
D. dregeana (Kunth) T.Durand & Schinz var. *hutchinsonii* Burkill, naked name (9)
Perennial. Geophyte, climber. Ht 1–12 m. Alt 275–1400 m. LIM, M, S, KZN, EC

dregeana (Kunth) T.Durand & Schinz var. *hutchinsonii* Burkill, naked name = **D. dregeana**

elephantipes (L'Hér.) Engl.
Testudinaria elephantipes Lindl. (4)
Testudinaria montana Burch. (3)
Perennial. Geophyte, climber. Ht 0.5–3 m. Alt 250–1250 m. WC, EC

forbesii Baker = **D. quartiniana**

hemicrypta Burkill
Perennial. Geophyte, climber. Ht 0.5–2.5 m. Alt 350–1450 m. N, NC, WC

hirtiflora Benth.
Perennial. Geophyte, climber. Ht ± 3 m. Alt 850–1100 m. N

malifolia Baker = **D. cotinifolia**

marlothii R.Knuth = **D. sylvatica** var. **multiflora**

microcuspis Baker = **D. retusa**

montana Eckl. & Zeyh. ex R.Knuth, not of Burch.; Spreng. = **D. sylvatica** var. **sylvatica**

multiloba Kunth = **D. diversifolia**

mundii Baker
Perennial. Geophyte, climber. Ht ± 2 m. Alt 20–550 m. WC, EC

paniculata Dümmer = **D. sylvatica** var. **paniculata**

quartiniana A.Rich.
D. crinita Hook.f. (8)
D. dinteri Schinz (8)
D. forbesii Baker (8)
D. quartiniana A.Rich. var. *dinteri* (Schinz) Burkill (8)
D. quartiniana A.Rich. var. *latifolia* R.Knuth (8)
Perennial. Geophyte, climber. Ht ± 5 m. Alt 100–1550 m. N, LIM, NW, M, S, KZN

quartiniana A.Rich. var. *dinteri* (Schinz) Burkill = **D. quartiniana**

quartiniana A.Rich. var. *latifolia* R.Knuth = **D. quartiniana**

rehmannii Baker = **D. sylvatica** var. **rehmannii**

retusa Mast.
D. microcuspis Baker (9)
D. tysonii Baker (9)
Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 40–1800 m. LIM, NW, G, M, S, KZN, EC

rupicola Kunth
Perennial. Herb, climber, succulent. Ht ± 2.5 m. Alt 150–2000 m. LIM, S, KZN, EC

stipulosa Uline ex R.Knuth
Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1050–1600 m. EC

sylvatica Eckl. var. **brevipes** (Burtt Davy) Burkill
D. brevipes Burtt Davy (3)
D. sylvatica subsp. *lydenbergensis* Blunden, Hardman & Hind (11)
Perennial. Geophyte, climber. Ht? Alt? LIM, G, M, S, FS, KZN, EC

sylvatica Eckl. var. **multiflora** (Marloth) Burkill
D. marlothii R.Knuth (3)
Testudinaria multiflora Marloth (3)
Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1400–1650 m. LIM, M

sylvatica Eckl. var. **paniculata** (Dümmer) Burkill
D. paniculata Dümmer (3)
Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1000–1650 m. KZN, EC

sylvatica Eckl. var. **rehmannii** (Baker) Burkill
D. rehmannii Baker (3)
Perennial. Geophyte, climber. Ht? Alt? LIM, M, FS, KZN

sylvatica Eckl. var. **sylvatica**
D. montana Eckl. & Zeyh. ex R.Knuth, not of Burch.; Spreng. (3)
Testidinaria montana Eckl. & Zeyh., naked name (3)
Testudinaria sylvatica (Eckl.) Kunth (3)
Perennial. Geophyte, climber. Ht 1.5–10 m. Alt 125–1600 m. EC

sylvatica subsp. *lydenbergensis* Blunden, Hardman & Hind = **D. sylvatica** var. **brevipes**

tysonii Baker = **D. retusa**

undatiloba Baker
Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1350–1750 m. LIM

TESTUDINARIA Salisb. 1252010

elephantipes Lindl. = **Dioscorea elephantipes**

montana Burch. = **Dioscorea elephantipes**

montana Eckl. & Zeyh., naked name = **Dioscorea sylvatica** var. **sylvatica**

multiflora Marloth = **Dioscorea sylvatica** var. **multiflora**

sylvatica (Eckl.) Kunth = **Dioscorea sylvatica** var. **sylvatica**

DRACAENACEAE

(sometimes together with Eriospermaceae included under Convallariaceae)

Compiled by R.H. Archer

DRACAENA L. 1109000

(1) Bos. 1992. *FSA* 5: 1–4.
(2) Venter. 1996. *Aloe* 33: 62–64.

aletriformis (Haw.) Bos
D. hookeriana K.Koch, illegitimate name (1)
Perennial. Tree. Ht 1–5 m. Alt 5–1525 m. LIM, S, KZN, EC

hookeriana K.Koch, illegitimate name = **D. aletriformis**

mannii Baker
D. usambarensis Engl. (1)
Perennial. Tree, shrub. Ht 2–5 m. Alt 30–155 m. KZN

striata L.f. = **Asparagus striatus**

transvaalensis Baker
Perennial. Tree, shrub. Ht 2–4 m. Alt 750–1000 m. LIM, M

undulata L.f. = **Asparagus undulatus**

usambarensis Engl. = **D. mannii**

SANSEVIERIA Thunb. 1110000

(1) Brown. 1915. *Bulletin of Miscellaneous Information* 15: 185–261.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 212.
(3) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: t. 806.
(4) Wijnands. 1973. *Taxon* 22: 109–114.
(5) Obermeyer. 1992. *FSA* 5: 5–9.
(6) Van Jaarsveld. 1994. *Aloe* 31: 11–15.
(7) Chahinian. 1996. *Sansevieria Journal* 5: 7–10.

aethiopica Thunb.
S. scabrifolia Dinter (5)
Perennial. Geophyte. Ht 0.2–0.75 m. Alt 100–1465 m. N, B, LIM, NW, G, FS, NC, EC

angustiflora Lindb. = **S. hyacinthoides**

concinna N.E.Br.
Perennial. Geophyte. Ht 0.2–0.7 m. Alt 20–100 m. KZN

desertii N.E.Br. = **S. pearsonii**

grandis Hook.f. var. *zuluensis* N.E.Br. = **S. hyacinthoides**

guineensis (L.) Willd. = **S. hyacinthoides**

hallii Chahinian
Perennial. Geophyte. Ht 0.1–0.6 m. Alt ± 600 m. LIM

hyacinthoides (L.) Druce
S. angustiflora Lindb. (5)
S. grandis Hook.f. var. *zuluensis* N.E.Br. (5)
S. guineensis (L.) Willd. (4)
S. thyrsiflora Thunb. (4)
Perennial. Geophyte. Ht 0.1–0.6 m. Alt 5–1600 m. LIM, G, M, S, KZN, EC

longiflora Sims
Perennial. Geophyte. Ht 0.3–0.4 m. Alt 800–1200 m. N

metallica Gérôme & Labroy
Perennial. Geophyte. Ht 0.5–1.5 m. Alt 20–100 m. KZN

pearsonii N.E.Br.
S. desertii N.E.Br. (5)
Perennial. Geophyte, succulent. Ht 0.45–1.2 m. Alt 315–1565 m. N, B, LIM, M, KZN

scabrifolia Dinter = **S. aethiopica**

thyrsiflora Thunb. = **S. hyacinthoides**

ERIOCAULACEAE

Compiled by R.P. Glen & C.D.K. Cook

ERIOCAULON L. 0828000

(1) Brown. 1897. *FC* 7: 51–59.
(2) Obermeyer. 1981. *Bothalia* 13: 450.
(3) Obermeyer. 1985. *FSA* 4: 9–19.
(4) Phillips. 1997. *FTEA* Eriocaulaceae: 1–34.
(5) Phillips 1997. *Kew Bulletin* 53,1: 245, 246.
(6) Phillips. 1998. *Kirkia* 17,1: 11–55.
(7) Phillips. 2000. *Kew Bulletin* 55: 195–202.

abyssinicum Hochst.
E. gilgianum Ruhland (4, 6)
Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 20–90 mm. Alt 95–2015 m. N, LIM, G, M, S, FS, KZN, L, EC

africanum Hochst.
E. natalensis Schinz (3, 6)
E. woodii N.E.Br. (3, 6)
Perennial. Herb, hydrophyte: tenogophyte/rosulate. Ht 70–260 mm. Alt 140–1680 m. LIM, M, KZN, EC

amboense Schinz = **E. cinereum**

angustisepalum H.E.Hess = **E. mutatum** var. **angustisepalum**

aristatum H.E.Hess = **E. welwitschii**

baurii N.E.Br. = **E. sonderianum**

cinereum R.Br.
E. amboense Schinz (3, 4, 6)
Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 25–140 mm. Alt ± 900 m. N, B

dregei Hochst.
E. dregei Hochst. var. *dregei* (6)
Perennial. Herb, hydrophyte: rosulate/helophyte? Ht 55–170 mm. Alt 15–2000 m. LIM, M, KZN, EC

dregei Hochst. var. *dregei* = **E. dregei**

dregei Hochst. var. *sonderianum* (Köm.) Oberm. = **E. sonderianum**

gilgianum Ruhland = **E. abyssinicum**

hydrophilum Markötter
Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht 25–340 mm. Alt 1600–2400 m. M, FS, KZN, L

maculatum Schinz
Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht 25–100 mm. Alt 960–1479 m. LIM, M

mutatum N.E.Br. var. **angustisepalum** (H.Hess) S.M.Phillips
E. angustisepalum H.E.Hess (4, 6)
Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht 6–100 mm. Alt ± 1700 m. G

natalensis Schinz = **E. africanum**

ruhlandii Schinz = **E. schlechteri**

schlechteri Ruhland
E. ruhlandii Schinz (4, 6)
Annual. Herb, hydrophyte: tenogophyte/helophyte? Ht 75–190 mm. Alt 1–120 m. KZN

setaceum L.
Perennial. Herb, hydrophyte: vittate. Ht ± 350 mm. Alt ± 900 m. B

sonderianum Körn
E. baurii N.E.Br. (3)
E. dregei Hochst. var. *sonderianum* (Körn.) Oberm. (6)
Perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 90–380 mm. Alt 30–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

tofieldiifolium Schinz = **E. transvaalicum** subsp. **tofieldiifolium**

transvaalicum N.E.Br. subsp. **transvaalicum**
Annual, occ. perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 40–150 mm. Alt 210–1500 m. N, LIM, G

transvaalicum N.E.Br. subsp. **tofieldiifolium** (Schinz) S.M.Phillips
E. tofieldiifolium Schinz (3, 4, 6)

Annual, occ. perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 70–160 mm. Alt 900–1800 m. N, G, M

welwitschii Rendle
E. aristatum H.E.Hess (3, 4, 6)
Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 20–70 mm. Alt 900–1500 m. N, B

woodii N.E.Br. = **E. africanum**

PAEPALANTHUS Mart. 0830000

wahlbergii Körn. = **Syngonanthus wahlbergii**

SYNGONANTHUS Ruhland 0832010

(1) Brown. 1897. *FC* 7: 51–59.
(2) Meikle. 1968. *FWTA* 3,1: 67.
(3) Obermeyer. 1985. *FSA* 4: 19–21.
(4) Phillips. 1997. *FTEA* Eriocaulaceae: 34–39.
(5) Phillips. 1998. *Kirkia* 17,1: 11–67.
(6) Phillips. 2000. *Kew Bulletin* 53: 491–493.

wahlbergii (Körn.) Ruhland
Paepalanthus wahlbergii Körn. (2, 4, 5, 6)
Perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 45–130 mm. Alt 850–1600 m. LIM, G, M

ERIOSPERMACEAE

(alternatively Convallariaceae or Ruscaceae)
Compiled by C. Archer

ERIOSPERMUM Jacq. ex Willd. 1012000

(1) Perry. 1994. *Contributions from the Bolus Herbarium* 17: 1–320.
(2) Manning. 2000. *Bothalia* 30: 157.

abyssinicum Baker = **E. flagelliforme**

aequilibre Poelln.
Perennial. Geophyte. Ht up to 0.45 m. Alt? WC

albanense Poelln. = **E. brevipes**

albucoides Baker = **E. capense** subsp. **capense**

alcicorne Baker
Perennial. Geophyte. Ht up to 0.01 m. Alt 855–1030 m. NC, WC

algiferum A.V.Duthie
Perennial. Geophyte. Ht 0.06–0.08 m. Alt? WC

angustissimum Dinter = **E. bakerianum** subsp. **tortuosum**

aphyllum Marloth
Perennial. Geophyte. Ht up to 0.08 m. Alt? WC

appendiculatum A.V.Duthie
Perennial. Geophyte. Ht up to 0.09 m. Alt? EC

arachnoideum P.L.Perry
Perennial. Geophyte. Ht up to 0.05 m. Alt? WC

arenicolum Poelln. = **E. paradoxum**

arenosum P.L.Perry
Perennial. Geophyte. Ht up to 0.2 m. Alt? NC, WC

aribesense P.L.Perry
Perennial. Geophyte. Ht up to 0.07 m. Alt? NC

armianum P.L.Perry
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

asarifolium Dinter = **E. volkmanniae**

attenuatum P.L.Perry
Perennial. Geophyte. Ht up to 0.08 m. Alt? NC

avasmontanum Dinter = **E. schinzii**

bakerianum Schinz subsp. **bakerianum**
E. bakerianum Schinz var. *multiscapum* Poelln. (1)
E. bakerianum Schinz var. *pauper* Poelln. (1)
E. bakerianum Schinz var. *seineri* (Engl. & K.Krause) Poelln. (1)
E. bechuanicum Baker (1)
E. lanceaefolium Schinz (1)
E. lineare Poelln. (1)
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1310 m. N, B, NC

bakerianum Schinz subsp. **tortuosum** (Dammer) P.L.Perry
E. angustissimum Dinter (1)
E. flexuosissimum Poelln. (1)
E. tortuosum Dammer (1)
E. tortuosum Dammer var. *depauperatum* Poelln. (1)
Perennial. Geophyte. Ht up to 0.25 m. Alt? N

bakerianum Schinz var. *multiscapum* Poelln. = **E. bakerianum** subsp. **bakerianum**

bakerianum Schinz var. *pauper* Poelln. = **E. bakerianum** subsp. **bakerianum**

bakerianum Schinz var. *seineri* (Engl. & K.Krause) Poelln. = **E. bakerianum** subsp. **bakerianum**

bayeri P.L.Perry
Perennial. Geophyte. Ht up to 0.45 m. Alt? NC, WC

bechuanicum Baker = **E. bakerianum** subsp. **bakerianum**

bifidum R.A.Dyer
Perennial. Geophyte. Ht up to 0.3 m. Alt ?–376 m. NC, WC, EC

bowieanum Baker
E. coralliferum Marloth (1)
Perennial. Geophyte. Ht up to 0.1 m. Alt ?–1160 m. WC

bracteatum Archibald
Perennial. Geophyte. Ht up to 0.24 m. Alt? EC

brevifilamentatum Poelln. (insufficiently known) (1)

brevipedicellatum (Kuntze) Poelln. = **E. lanceifolium**

brevipenduculatum Poelln. = **E. rautanenii**

brevipes Baker
E. albanense Poelln. (1)
E. brevipes Baker var. *nanum* Archibald (1)
E. brevipes Baker var. *nitidum* Archibald (1)
Perennial. Geophyte. Ht up to 0.32 m. Alt 15–700 m. WC, EC

brevipes Baker var. *nanum* Archibald = **E. brevipes**

brevipes Baker var. *nitidum* Archibald = **E. brevipes**

brevipetiolatum Poelln. = **E. porphyrovalve**

breviscapum P.L.Perry
Perennial. Geophyte. Ht up to 0.12 m. Alt 52–300 m. WC

bruynsii P.L.Perry
Perennial. Geophyte. Ht up to 0.24 m. Alt? WC

buchubergense Dinter (insufficiently known) (1)

burchellii Baker = **E. flagelliforme**

calcaratum Baker (insufficiently known) (1)

calcareum P.L.Perry
Perennial. Geophyte. Ht up to 0.09 m. Alt? WC

capense (L.) Thunb. subsp. **capense**
E. albucoides Baker (1)
E. latifolium Jacq. (1)
E. ovalifolium Poelln. (1)
E. thyrsoideum Baker (1)
Perennial. Geophyte. Ht up to 0.5 m. Alt? NC, WC, EC

capense (L.) Thunb. subsp. **stoloniferum** (Marloth) P.L.Perry
E. stoloniferum Marloth (1)
Perennial. Geophyte. Ht up to 0.5 m. Alt? WC

cernuum Baker
E. duthieae Salter (1)
E. macrum Poelln. (1)
Perennial. Geophyte. Ht up to 0.35 m. Alt 15–2000 m. WC

cervicorne Marloth
Perennial. Geophyte. Ht up to 0.12 m. Alt? NC

ciliatum P.L.Perry
Perennial. Geophyte. Ht up to 0.24 m. Alt? EC

citrinum P.L.Perry
Perennial. Geophyte. Ht up to 0.3 m. Alt? N

coactum P.L.Perry
Perennial. Geophyte. Ht up to 0.14 m. Alt? NC

coerulescens Poelln. = **E. ornithogaloides**

compactum Poelln. (insufficiently known) (1)

confertum Baker = **E. spirale**

confertum Baker var. *aureum* A.V.Duthie = **E. spirale**

confusum Poelln. = **E. corymbosum**

convallariaefolium Dinter = **E. mackenii** subsp. **galpinii**

cooperi Baker var. **cooperi**
E. hygrophilum Baker (1)
E. sprengerianum Schinz (1)
Perennial. Geophyte. Ht 0.38–0.6 m. Alt 350–2118 m. LIM, NW, G, M, S, FS, KZN, L, EC

cooperi Baker var. **natalense** (Baker) P.L.Perry
E. natalense Baker (1)
E. platyphyllum Baker (1)
Perennial. Geophyte. Ht up to 0.6 m. Alt ?–1000 m. KZN, L, EC

coralliferum Marloth = **E. bowieanum**

cordiforme Salter
Perennial. Geophyte. Ht up to 0.4 m. Alt 60–1000 m. NC, WC, EC

corymbosum Baker
E. confusum Poelln. (1)
E. ophioglossoides Schltr. (1)
Perennial. Geophyte. Ht 0.05–0.12 m. Alt ?–1300 m. N, B, NW, M, FS, NC, EC

crispum P.L.Perry
Perennial. Geophyte. Ht up to 0.35 m. Alt? WC

currori Baker = **E. rautanenii**

cylindricum Marloth = **E. paradoxum**

descendens P.L.Perry
Perennial. Geophyte. Ht up to 0.15 m. Alt? NC, WC

deserticolum Marloth ex P.L.Perry
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

dielsianum Poelln. subsp. **dielsianum**
Perennial. Geophyte. Ht up to 0.24 m. Alt ?–1350 m. NC, WC

dielsianum Poelln. subsp. **molle** P.L.Perry
Perennial. Geophyte. Ht up to 0.24 m. Alt? WC, EC

dissitiflorum Schltr.
Perennial. Geophyte. Ht up to 0.42 m. Alt? EC

dissitiflorum Baker = **E. porphyrovalve**

dregeanum C.Presl = **E. parvifolium**

dregei Schönland
Perennial. Geophyte, succulent. Ht up to 0.14 m. Alt ?–550 m. WC, EC

duthieae Salter = **E. cernuum**

dyeri Archibald
Perennial. Geophyte. Ht up to 0.5 m. Alt ?–155 m. EC

elatum Baker = **E. flagelliforme**

erinum P.L.Perry
Perennial. Geophyte. Ht up to 0.22 m. Alt? NC

eriophorum P.L.Perry
Perennial. Geophyte. Ht up to 0.28 m. Alt? WC

ernstii P.L.Perry
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

exigium P.L.Perry
Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

exile P.L.Perry
Perennial. Geophyte. Ht up to 0.3 m. Alt? WC

fasciculatum A.V.Duthie = **E. proliferum**

filicaule P.L.Perry
Perennial. Geophyte. Ht up to 0.22 m. Alt? NC

flabellatum P.L.Perry
Perennial. Geophyte. Ht up to 0.08 m. Alt? WC

flagelliforme (Baker) J.C.Manning
Anthericum flagelliforme Baker (2)
E. abyssinicum Baker (2)
E. burchellii Baker (2)
E. elatum Baker (2)
E. fleckii Schinz (2)
E. luteorubrum Baker (2)
E. schinzii Engl. & K.Krause (2)
Schizobasis flagelliformis (Baker) Baker (2)
Perennial. Geophyte. Ht 0.3–0.4 m. Alt 60–2070 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

flavum P.L.Perry
Perennial. Geophyte. Ht up to 0.13 m. Alt? WC

fleckii Schinz = **E. flagelliforme**

flexum P.L.Perry
Perennial. Geophyte. Ht up to 0.05 m. Alt? N

flexuosissimum Poelln. = **E. bakerianum** subsp. **tortuosum**

folioliferum Andrews
Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1000 m. NC

folioliferum Ker Gawl. = **E. proliferum**

fragile P.L.Perry
Perennial. Geophyte. Ht up to 0.14 m. Alt? WC

galpinii Schinz = **E. mackenii** subsp. **galpinii**

glaciale P.L.Perry
Perennial. Geophyte. Ht up to 0.05 m. Alt? NC

gracillimum Poelln. = **E. graminifolium**

graminifolium A.V.Duthie
E. gracillimum Poelln. (1)
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC, WC

graniticolum Poelln. (insufficiently known) (1)

halenbergense Dinter
Perennial. Geophyte. Ht up to 0.13 m. Alt? N

haygarthii Baker = **E. ornithogaloides**

herporrhizum Salter = **E. nanum**

horizontale Poelln. (insufficiently known) (1)

hygrophilum Baker = **E. cooperi** var. **cooperi**

inconspicuum P.L.Perry
Perennial. Geophyte. Ht up to 0.08 m. Alt? WC

junodi Baker = **E. mackenii** subsp. **mackenii**

juttae Dinter (insufficiently known) (1)

karrooense Poelln. (insufficiently known) (1)

krauseanum Poelln. (insufficiently known) (1)

lanceaefolium Schinz = **E. bakerianum** subsp. **bakerianum**

lanceifolium Jacq.
E. brevipedicellatum (Kuntze) Poelln. (1)
E. lanceifolium Jacq. var. *brevipedicellatum* Kuntze (1)
Perennial. Geophyte. Ht up to 0.4 m. Alt 100–460 m. WC

lanceifolium Jacq. var. *brevipedicellatum* Kuntze = **E. lanceifolium**

lanceifolium Jacq. var. *orthophyllum* Archibald = **E. orthophyllum**

lanimarginatum P.L.Perry
Perennial. Geophyte. Ht up to 0.25 m. Alt? NC

lanuginosum Jacq.
Perennial. Geophyte. Ht up to 0.38 m. Alt? NC, WC

latifolium Jacq. = **E. capense** subsp. **capense**

lavranosii P.L.Perry
Perennial. Geophyte. Ht up to 0.18 m. Alt? N

laxiracemosum P.L.Perry
Perennial. Geophyte. Ht up to 0.33 m. Alt? WC

lineare Poelln. = **E. bakerianum** subsp. **bakerianum**

luteorubrum Baker = **E. flagelliforme**

macgregoriorum P.L.Perry
Perennial. Geophyte. Ht up to 0.12 m. Alt? NC

mackenii (Hook.f.) Baker subsp. **galpinii** (Schinz) P.L.Perry
E. convallariaefolium Dinter (1)
E. galpinii Schinz (1)
E. omahekense Engl. & K.Krause (1)
E. pilosopetiolatum Dinter (1)
E. reflexum Schinz (1)
Perennial. Geophyte. Ht up to 0.4 m. Alt? N, B, LIM, NW, G, M, S, KZN, EC

mackenii (Hook.f.) Baker subsp. **mackenii**
E. junodi Baker (1)
E. veratriforme Poelln. (1)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 60–1065 m. LIM, NW, M, S, KZN, EC

macrum Poelln. = **E. cernuum**

majanthemifolium K.Krause & Dinter = **E. roseum**

marginatum P.L.Perry
Perennial. Geophyte. Ht up to 0.24 m. Alt? NC, WC

microphyllum Baker = **E. ornithogaloides**

minutiflorum P.L.Perry
Perennial. Geophyte. Ht up to 0.21 m. Alt? NC, WC

minutipustulatum P.L.Perry
Perennial. Geophyte. Ht up to 0.12 m. Alt? WC

mirandum Poelln. = **E. multifidum**

multifidum Marloth
E. mirandum Poelln. (1)
Perennial. Geophyte. Ht up to 0.15 m. Alt? NC

namaquanum P.L.Perry
Perennial. Geophyte. Ht up to 0.12 m. Alt ?–250 m. NC

nanum Marloth
E. herporrhizum Salter (1)
Perennial. Geophyte. Ht up to 0.32 m. Alt 250–450 m. WC

natalense Baker = **E. cooperi** var. **natalense**

occultum Archibald
Perennial. Geophyte. Ht up to 0.6 m. Alt? EC

omahekense Engl. & K.Krause = **E. mackenii** subsp. **galpinii**

ophioglossoides Schltr. = **E. corymbosum**

ornithogaloides Baker
E. coerulescens Poelln. (1)
E. haygarthii Baker (1)
E. microphyllum Baker (1)
Perennial. Geophyte. Ht 0.12–0.2 m. Alt 670–2793 m. M, FS, KZN, L, EC

orthophyllum (Archibald) P.L.Perry
E. lanceifolium Jacq. var. *orthophyllum* Archibald (1)
Perennial. Geophyte. Ht up to 0.38 m. Alt? EC

ovalifolium Poelln. = **E. capense** subsp. **capense**

papilliferum A.V.Duthie
Perennial. Geophyte. Ht up to 0.35 m. Alt? NC

paradoxum (Jacq.) Ker Gawl.
E. arenicolum Poelln. (1)
E. cylindricum Marloth (1)
E. vallisgratiae Poelln. (1)
Perennial. Geophyte. Ht up to 0.1 m. Alt 50–1525 m. NC, WC, EC

parvifolium Jacq.
E. dregeanum C.Presl (1)
Perennial. Geophyte. Ht up to 0.3 m. Alt 45–1100 m. NC, WC

parvulum P.L.Perry
Perennial. Geophyte. Ht up to 0.04 m. Alt? NC

patentiflorum Schltr.
Perennial. Geophyte. Ht up to 0.4 m. Alt? WC

pilosopetiolatum Dinter = **E. mackenii** subsp. **galpinii**

pilosum Poelln. (insufficiently known) (1)

platyphyllum Baker = **E. cooperi** var. **natalense**

porphyrium Archibald
E. porphyrium Archibald var. *pallidum* Archibald (1)
E. porphyrium Archibald var. *stoloniferum* Archibald (1)
Perennial. Geophyte. Ht 0.3–0.7 m. Alt 155–1770 m. B, LIM, NW, G, M, FS, NC, EC

porphyrium Archibald var. *pallidum* Archibald = **E. porphyrium**

porphyrium Archibald var. *stoloniferum* Archibald = **E. porphyrium**

porphyrovalve Baker
E. brevipetiolatum Poelln. (1)
E. dissitiflorum Baker (1)
E. tenellum Baker (1)
Perennial. Geophyte. Ht 0.1–0.15 m. Alt 610–2135 m. B, LIM, NW, G, M, S, KZN

proliferum Baker
E. fasciculatum A.V.Duthie (1)
E. folioliferum Ker Gawl. (1)
E. setiferum Poelln. (1)
Perennial. Geophyte. Ht up to 0.3 m. Alt 300–1525 m. NC, WC

pubescens Jacq.
Perennial. Geophyte. Ht up to 0.32 m. Alt 150–1000 m. WC

pumilum Salter
Perennial. Geophyte. Ht 0.1–0.25 m. Alt? WC

pusillum P.L.Perry
Perennial. Geophyte. Ht up to 0.08 m. Alt? NC

pustulatum A.V.Duthie
Perennial. Geophyte. Ht up to 0.42 m. Alt ?–1450 m. NC

ramosum P.L.Perry
Perennial. Geophyte. Ht up to 0.14 m. Alt ?–200 m. NC

ratelpoortianum P.L.Perry
Perennial. Geophyte. Ht up to 0.2 m. Alt? NC

rautanenii Schinz
E. brevipenduculatum Poelln. (1)
E. currori Baker (1)
E. rubromarginatum Poelln. (1)
E. sphaerophyllum Baker (1)
Perennial. Geophyte. Ht 0.1–0.09 m. Alt 950–1250 m. N, B

reflexum Schinz = **E. mackenii** subsp. **galpinii**

rhizomatum P.L.Perry
Perennial. Geophyte. Ht up to 0.5 m. Alt? WC

roseum Schinz
E. majanthemifolium K.Krause & Dinter (1)
Perennial. Geophyte. Ht up to 0.22 m. Alt ?–617 m. N, NC

rubromarginatum Poelln. = **E. rautanenii**

sabulosum P.L.Perry
Perennial. Geophyte. Ht up to 0.07 m. Alt? NC

schinzii Baker
E. avasmontanum Dinter (1)
Perennial. Geophyte. Ht up to 0.5 m. Alt? N, NW, G, L, NC

schinzii Engl. & K.Krause = **E. flagelliforme**

schlechteri Baker
Perennial. Geophyte. Ht up to 0.23 m. Alt 100–300 m. WC

seineri Engl. & K.Krause (insufficiently known) (1)

setiferum Poelln. = **E. proliferum**

sphaerophyllum Baker = **E. rautanenii**

spirale Schult.
E. confertum Baker (1)
E. confertum Baker var. *aureum* A.V.Duthie (1)
Perennial. Geophyte. Ht up to 0.06 m. Alt? WC

sprengerianum Schinz = **E. cooperi** var. **cooperi**

stoloniferum Marloth = **E. capense** subsp. **stoloniferum**

subincanum P.L.Perry
Perennial. Geophyte. Ht up to 0.25 m. Alt? WC

subpilosum Poelln. (insufficiently known) (1)

subtile P.L.Perry
Perennial. Geophyte. Ht up to 0.2 m. Alt ?–840 m. WC

tenellum Baker = **E. porphyrovalve**

thyrsoideum Baker = **E. capense** subsp. **capense**

titanopsoides P.L.Perry
Perennial. Geophyte. Ht up to 0.03 m. Alt? WC

tortuosum Dammer = **E. bakerianum** subsp. **tortuosum**

tortuosum Dammer var. *depauperatum* Poelln. = **E. bakerianum** subsp. **tortuosum**

tuberculatum P.L.Perry
Perennial. Geophyte. Ht up to 0.03 m. Alt? NC

tulbaghoides Baker (insufficiently known) (1)

undulatum P.L.Perry
Perennial. Geophyte. Ht up to 0.32 m. Alt? NC

vallisgratiae Poelln. = **E. paradoxum**

veratriforme Poelln. = **E. mackenii** subsp. **mackenii**

vermiforme P.L.Perry
Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

villosum Baker
Perennial. Geophyte. Ht up to 0.28 m. Alt? NC, WC

viscosum P.L.Perry
Perennial. Geophyte. Ht up to 0.15 m. Alt? NC

volkmanniae Dinter
E. asarifolium Dinter (1)
Perennial. Geophyte. Ht up to 0.16 m. Alt ?–1700 m. N

zeyheri R.A.Dyer
Perennial. Geophyte. Ht up to 0.5 m. Alt 10–915 m. NC, WC, EC

FLAGELLARIACEAE

Compiled by C. Archer

FLAGELLARIA L. 0798000

(1) Brown. 1897. *FC* 7: 15, 16.

guineensis Schumach.
Perennial. Climber. Ht 0.2–15 m. Alt 5–500 m. M, KZN, EC

HAEMODORACEAE

Compiled by R.H. Archer

BARBERETTA Harv. 1158000

(1) Baker. 1896. *FC* 6: 2, 3.
(2) Hilliard *et al.* 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 27–30.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 92, 93 & 709.

aurea Harv.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 600–1800 m. KZN, EC

corymbosa P.J.Bergius
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 20–250 m. WC

ixioides Lam.
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 250–2000 m. NC, WC

DILATRIS P.J.Bergius 1160000

(1) Barker. 1940. *Journal of South African Botany* 6: 147–164.
(2) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1621.

paniculata L.f. = **D. viscosa**

pillansii W.F.Barker
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 50–450 m. WC

viscosa L.f.
D. paniculata L.f. (3)
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 50–1600 m. WC

WACHENDORFIA Burm. 1162000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 114.
(2) Barker. 1949. *Journal of South African Botany* 15: 39–42.
(3) Barker. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 206.
(4) Helme & Linder. 1992. *Bothalia* 22: 59–75.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 92, 93 & 709.

brachyandra W.F.Barker
Perennial. Geophyte. Ht 0.1–0.7 m. Alt 50–600 m. WC

brevifolia Sol. ex Ker Gawl. = **W. paniculata**

graminea Thunb., illegitimate name = **W. paniculata**

graminifolia L.f. = **W. paniculata**

herbertii Sweet = **W. paniculata**

hirsuta Thunb. = **W. paniculata**

multiflora (Klatt) J.C.Manning & Goldblatt
W. parviflora W.F.Barker (5)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 15–500 m. WC

paniculata Burm.
W. brevifolia Sol. ex Ker Gawl. (4)
W. graminea Thunb., illegitimate name (4)
W. graminifolia L.f. (4)
W. herbertii Sweet (4)
W. hirsuta Thunb. (4)
W. tenella Thunb. (4)
Perennial. Geophyte. Ht 0.15–0.9 m. Alt 0–1700 m. NC, WC, EC

parviflora W.F.Barker = **W. multiflora**

tenella Thunb. = **W. paniculata**

thyrsiflora Burm.
Perennial. Geophyte. Ht 0.6–2.5 m. Alt 5–1200 m. WC, EC

HEMEROCALLIDACEAE

(alternatively Johnsoniaceae)

Compiled by C. Archer

CAESIA R.Br. 1002000

(1) Obermeyer. 1973. *Bothalia* 11: 122, 123.
(2) Perry. 1999. *Strelitzia* 8: 74.

capensis (Bolus) Oberm.
Herpolirion capense Bolus (1)
Nanolirion capense (Bolus) Benth. & Hook. (1)
Perennial. Herb. Ht up to 0.07 m. Alt 1830–2135 m. WC

comosa (Thunb.) Spreng. = **Chlorophytum comosum**

contorta (L.f.) T.Durand & Schinz
Anthericum brevifolium Thunb. (2)
Anthericum contortum L.f. (1)
Bulbine brevifolia (Thunb.) Roem. & Schult.f. (1)
Bulbinella brevifolia (Thunb.) Kunth (1)
C. thunbergii Roem. & Schult.f. (1)
Perennial. Herb. Ht 0.1–0.7 m. Alt 25–2000 m. KZN, NC, WC, EC

thunbergii Roem. & Schult.f. = **C. contorta**

HERPOLIRION Hook.f. 1014000

capense Bolus = **Caesia capensis**

NANOLIRION Benth. 1002010

capense (Bolus) Benth. & Hook. = **Caesia capensis**

HYACINTHACEAE

Compiled by J.C. Manning & P. Goldblatt

ALBUCA L. 1079000

(1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 206, 225.
(3) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 773.
(4) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1022.
(5) Leighton. 1947. *Journal of South African Botany* 13: 58, 59.
(6) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1009.
(7) Leighton. 1948. *Journal of South African Botany* 14: 83.
(8) Dyer. 1957. *The Flowering Plants of Africa* 32: t. 1255.
(9) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1314.
(10) Merxmüller. 1970. *FSWA* 147: 5–10.
(11) Obermeyer. 1978. *Bothalia* 12: 372.
(12) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 281, 282.
(13) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 247–251.
(14) Müller-Doblies. 1994. *Feddes Repertorium* 105: 365–368.
(15) Müller-Doblies. 1995. *Feddes Repertorium* 106: 353–370.
(16) Stedje. 1996. *FTEA* Hyacinthaceae: 21–24.
(17) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
(18) Goldblatt & Manning. 2000. *Strelitzia* 9: 94–96, 709, 710.

abyssinica Jacq.
A. angolensis Welw. (16)
A. bainesii Baker (10)
A. melleri (Baker) Baker (16)
Perennial. Geophyte. Ht 0.45–1.52 m. Alt 15–1370 m. N, B, NW, M, S, KZN

acuminata Baker
A. convoluta E.Phillips (14)
Perennial. Geophyte. Ht up to 0.2 m. Alt ?–800 m. N, NC, WC

affinis Baker
Perennial. Geophyte. Ht? Alt? NC

altissima Dryand. = **A. maxima**

angolensis Welw. = **A. abyssinica**

amboensis (Schinz) Oberm.
Ornithogalum amboense Schinz (11)
Perennial. Geophyte. Ht? Alt? N, B

aperta I.Verd. = **Ornithogalum concordianum**

aspera U.Müll.-Doblies = **A. viscosa**

aurea Jacq.
Perennial. Geophyte. Ht up to 0.45 m. Alt? WC

bainesii Baker = **A. abyssinica**

batteniana Hilliard & B.L.Burtt
Perennial. Geophyte. Ht? Alt? EC

baurii Baker, doubtfully distinct from **A. setosa**

bifolia Baker
Perennial. Geophyte. Ht? Alt? EC

bifoliata R.A.Dyer
Perennial. Geophyte. Ht? Alt ?–5 m. EC

bontebokensis U.Müll.-Doblies = **A. viscosa**

brevipes Baker = **Ornithogalum suaveolens**

brucebayeri U.Müll.-Doblies = **A. hallii**

canadensis (L.) F.M.Leight. = **A. maxima**

caudata Jacq.
Perennial. Geophyte. Ht 0.3–0.45 m. Alt? EC

ciliaris U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

circinata Baker = **A. namaquensis**

clanwilliamigloria U.Müll.-Doblies
Perennial. Geophyte. Ht 1–2 m. Alt? WC

collina Baker
Perennial. Geophyte. Ht 0.3–0.45 m. Alt? EC

concordiana Baker = **Ornithogalum concordianum**

convoluta E.Phillips = **A. acuminata**

cooperi Baker
A. karroica U.Müll.-Doblies (18)
Perennial. Geophyte. Ht 0.18–0.3 m. Alt 15–2200 m. N, NC, WC, EC

corymbosa Baker
Perennial. Geophyte. Ht up to 0.6 m. Alt? EC

cremnophila Van Jaarsv. & A.E.van Wyk
Perennial. Geophyte. Ht 1–2 m. Alt? EC

crinifolia Baker
Perennial. Geophyte. Ht ± 1 m. Alt? KZN

crudenii Archibald
Perennial. Geophyte. Ht? Alt ?–305 m. EC

dalyae Baker
Perennial. Geophyte. Ht? Alt? EC

decipiens U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC, WC

dinteri U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

echinosperma U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

elliotii Baker = **A. shawii**

englerana K.Krause & Dinter
Perennial. Geophyte. Ht? Alt? N

etesiogaripensis U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N, NC

exuviata Baker
Perennial. Geophyte. Ht 0.25–0.3 m. Alt 40–1160 m. EC

fastigiata Dryand.
Perennial. Geophyte. Ht up to 0.6 m. Alt 30–550 m. EC

flaccida Jacq.
A. materfamilias U.Müll.-Doblies (18)
Perennial. Geophyte. Ht up to 0.3 m. Alt? WC

fleckii Schinz, doubtfully distinct from **A. abyssinica**

foetida U.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC, WC

fragrans Jacq.
Perennial. Geophyte. Ht up to 0.6 m. Alt? WC

glandulosa Baker
Perennial. Geophyte. Ht 0.67–0.76 m. Alt 120–700 m. NC, WC

glauca Baker
Perennial. Geophyte. Ht 0.4–0.6 m. Alt 915–1525 m. G, M

goswinii U.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt? WC

granulata Baker = **A. shawii**

hallii U.Müll.-Doblies
A. brucebayeri U.Müll.-Doblies (18)
Perennial. Geophyte. Ht? Alt? N, NC, WC

hereroensis Schinz
Perennial. Geophyte. Ht? Alt? N

hesquaspoortensis U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

humilis Baker
Perennial. Geophyte. Ht up to 1.67 m. Alt ?–2408 m. FS, KZN

imbricata F.M.Leight. = **A. juncifolia**

jacquinii U.Müll.-Doblies = **A. viscosa**

juncifolia Baker
A. imbricata F.M.Leight. (15)
Perennial. Geophyte. Ht up to 0.3 m. Alt 60–1220 m. WC

karasbergensis P.E.Glover
Perennial. Geophyte. Ht up to 0.5 m. Alt? N

karooica U.Müll.-Doblies = **A. cooperi**

leucantha U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

longifolia Baker
Perennial. Geophyte. Ht? Alt? EC

longipes Baker
Perennial. Geophyte. Ht? Alt ?–930 m. NC, WC, EC

macowanii Baker
Perennial. Geophyte. Ht? Alt 155–2277 m. EC

major L. = **A. maxima**

massonii Baker
Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

materfamilias U.Müll.-Doblies = **A. flaccida**

maxima Burm.f.
A. altissima Dryand. (14)
A. canadensis (L.) F.M.Leight. (14)
A. major L. (14)
Perennial. Geophyte. Ht 0.3–1 m. Alt? NC, WC

melleri (Baker) Baker = **A. abyssinica**

micrantha Baker = **Ornithogalum secundum**

minima Baker = **A. shawii**

monophylla Baker
Perennial. Geophyte. Ht 0.3–1 m. Alt? N

namaquensis Baker
A. circinata Baker (14)
Perennial. Geophyte. Ht up to 0.24 m. Alt? N, NC, WC, EC

nana Schönland
Perennial. Geophyte. Ht? Alt? EC

navicula U.Müll.-Doblies
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

nelsonii N.E.Br.
Perennial. Geophyte. Ht 0.91–1.67 m. Alt 30–1680 m. FS, KZN, EC

odoratissima Dinter = **A. viscosa**

pachychlamys Baker = **A. setosa**

papyracea J.C.Manning & Goldblatt
Perennial. Geophyte. Ht 0.2–0.6 m. Alt? WC

paradoxa Dinter
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? NC, WC

patersoniae Schönland, doubtfully distinct from **A. setosa**

polyphylla Baker
Perennial. Geophyte. Ht up to 0.15 m. Alt? EC

prolifera Wilson
Perennial. Geophyte. Ht? Alt ?–1065 m. EC

reflexa Dinter & K.Krause
Perennial. Geophyte. Ht? Alt? N

robertsoniana U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

rogersii Schönland
Perennial. Geophyte. Ht? Alt? EC

rupestris Hilliard & B.L.Burtt
Perennial. Geophyte. Ht? Alt ?–2286 m. KZN

schlechteri Baker
Perennial. Geophyte. Ht? Alt? NC

schonlandii Baker
Perennial. Geophyte. Ht? Alt? EC

semipedalis Baker = **Ornithogalum semipedale**

setosa Jacq.
A. pachychlamys Baker (10)
Perennial. Geophyte. Ht 0.05–1.82 m. Alt 10–3200 m. KZN, NC, WC, EC

shawii Baker
A. elliotii Baker (12)
A. granulata Baker (15)
A. minima Baker (12)
A. trichophylla Baker (12)
Perennial. Geophyte. Ht 0.12–3.04 m. Alt 533–2400 m. M, FS, KZN, L, EC

spiralis L.f.
Perennial. Geophyte. Ht up to 0.4 m. Alt 60–2255 m. NC, WC

tenuifolia Baker
Perennial. Geophyte. Ht? Alt? Distr?

tortuosa Baker
Perennial. Geophyte. Ht up to 0.3 m. Alt? EC

trachyphylla U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

transvaalensis Mogg, doubtfully distinct from **A. glauca**

trichophylla Baker = **A. shawii**

villosa U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

viscosa L.f.
A. aspera U.Müll.-Doblies (18)
A. bontebokensis U.Müll.-Doblies (18)
A. jacquinii U.Müll.-Doblies (18)
A. odoratissima Dinter (16)
A. viscosella U.Müll.-Doblies (18)
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 47–1400 m. N, NC, WC

viscosella U.Müll.-Doblies = **A. viscosa**

weberlingiorum U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC, EC

xanthocodon Hilliard & B.L.Burtt
Perennial. Geophyte. Ht? Alt? EC

AMPHISIPHON W.F.Barker 1101020

stylosa W.F.Barker = **Daubenya stylosa**

ANDROSIPHON Schltr. 1101010

capense Schltr. = **Daubenya capensis**

BOWIEA Harv. ex Hook.f. 1011000

(1) Baker. 1896. *FC* 6: 367.
(2) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 815.
(3) Van Jaarsveld. 1983. *Journal of South African Botany* 49: 343–346.
(4) Bruyns & Vosa. 1987. *Caryologia* 40: 287–297.
(5) Reid *et al.* 1990. *The Flowering Plants of Africa* 51: t. 2007.
(6) Van Jaarsveld. 1992. *British Cactus and Succulent Journal* 10: 96–98.

africana Haw. = **Aloe bowiea**

gariepensis Van Jaarsv. = **B. volubilis** subsp. **gariepensis**

kilimandscharica Mildbr. = **B. volubilis** subsp. **volubilis**

myriacantha Haw. = **Aloe myriacantha**

volubilis Harv. ex Hook.f. subsp. **gariepensis** (Van Jaarsv.) Bruyns
B. gariepensis Van Jaarsv. (4)
Perennial. Geophyte, succulent. Ht up to 1.4 m. Alt? N, NC

volubilis Harv. ex Hook.f. subsp. **volubilis**
B. kilimandscharica Mildbr. (4)
Perennial. Geophyte, climber, succulent. Ht 0.2–10 m. Alt 365–2135 m. LIM, G, M, FS, KZN, EC

DAUBENYA Lindl. 1102000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 56, 71.
(2) Schlechter. 1924. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 9: 145–151.
(3) Isaac. 1939. *The Flowering Plants of South Africa* 19: t. 729.
(4) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
(5) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.
(6) Goldblatt & Manning. 2000. *Strelitzia* 9: 96, 712, 713.
(7) Manning & Van der Merwe. 2002. *Bothalia* 32: 133–150.

alba A.M.van der Merwe
Perennial. Geophyte. Ht up to 0.02 m. Alt 1000–1500 m. NC

angustifolia (L.f.) A.M.van der Merwe & J.C.Manning = **Massonia echinata**

aurea Lindl.
D. aurea Lindl. var. *coccinea* (Harv. ex Baker) Marloth (1)
D. coccinea Harv. ex Baker (1)
D. fulva Lindl. (4)
Perennial. Geophyte. Ht up to 0.05 m. Alt ± 1500 m. NC

aurea Lindl. var. *coccinea* (Harv. ex Baker) Marloth = **D. aurea**

capensis (Schltr.) A.M.van der Merwe & J.C.Manning
Androsiphon capense Schltr. (6)
Perennial. Geophyte. Ht up to 0.06 m. Alt ± 800 m. NC

coccinea Harv. ex Baker = **D. aurea**

comata (Burch. ex Baker) J.C.Manning & A.M.van der Merwe
Massonia comata Burch. ex Baker (7)
Neobakeria comata (Burch. ex Baker) Schltr. (7)
Perennial. Geophyte. Ht up to 0.05 m. Alt 1200–1500 m. NW, FS, WC, EC

fulva Lindl. = **D. aurea**

marginata (Willd. ex Kunth) J.C.Manning & A.M.van der Merwe

Massonia angustifolia in sense of Jessop, not of L.f., misapplied name (7)
Massonia marginata Willd. ex Kunth. (7)
Massonia rugulosa Licht. ex Kunth
Neobakeria haemanthoides (Baker) Schltr. (4)
Neobakeria marginata (Willd. ex Kunth) Schltr. (4)
Neobakeria rugulosa (Licht. ex Kunth) Schltr. (4)
Polyxena haemanthoides Baker (4)
Perennial. Geophyte. Ht up to 0.06 m. Alt 200–1500 m. NC, WC

namaquensis (Schltr.) J.C.Manning & Goldblatt
Neobakeria namaquensis Schltr. (6)
Perennial. Geophyte. Ht up to 0.09 m. Alt ± 1000 m. NC

stylosa (Barker) A.M.van der Merwe & J.C.Manning
Amphisiphon stylosum W.F.Barker, as '*stylosa*' (6)
Perennial. Geophyte. Ht up to 0.05 m. Alt ± 800 m. NC

zeyheri (Kunth) J.C.Manning & A.M.van der Merwe
Massonia burchellii Baker (4)
Massonia pedunculata Baker (4)
Massonia zeyheri Kunth (7)
Neobakeria burchellii (Baker) Schltr. (4)
Perennial. Geophyte. Ht up to 0.05 m. Alt up to 50 m. WC

DIPCADI Medik. 1084000

(1) Dyer. 1944. *The Flowering Plants of South Africa* 24: tt. 934, 956.
(2) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1429.
(3) Obermeyer. 1964. *Bothalia* 8: 117–137.

bakerianum Bolus
D. hyacinthoides (Spreng.) Baker (3)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 915–2000 m. N, B, NW, FS, NC

bakerianum Schinz = **D. marlothii**

brevifolium (Thunb.) Fourc.
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 45–1400 m. N, NC, EC

ciliare (Zeyh. ex Harv.) Baker
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 30–1435 m. NW, G, FS, KZN, WC, EC

crispum Baker
D. tortile R.A.Dyer (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 70–300 m. N, NC, WC

dipcadioides Baker = **D. gracillimum**

elatum Baker = **D. viride**

ernesti-ruschii Dinter = **D. marlothii**

firmifolium Baker = **D. longifolium**

glaucum (Ker Gawl.) Baker
Perennial. Geophyte. Ht 0.2–1.52 m. Alt 441–1675 m. N, B, LIM, NW, M, FS, NC

gracillimum Baker
D. dipcadioides Baker (3)
D. polyphyllum Baker (3)
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 10–2195 m. N, B, G, M, S, FS, KZN, L, NC

hyacinthoides (Spreng.) Baker = **D. brevifolium**

longifolium (Lindl.) Baker
D. firmifolium Baker (3)
D. venenatum Schinz (3)
Perennial. Geophyte. Ht 0.18–0.7 m. Alt 590–915 m. N, B, NC

marlothii Engl.
D. bakerianum Schinz. (3)
D. ernesti-ruschii Dinter (3)
D. oligotrichum Baker (3)
Perennial. Geophyte. Ht 0.1–2.43 m. Alt 55–2285 m. N, B, LIM, G, M, S, FS, KZN, NC

oligotrichum Baker = **D. marlothii**

palustre Baker = **D. viride**

papillatum Oberm.
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 315–1065 m. N, LIM, G, FS, NC

platyphyllum Baker
Perennial. Geophyte. Ht 0.07–0.2 m. Alt 885–1035 m. N, B, LIM, NC

polyphyllum Baker = **D. gracillimum**

rigidifolium Baker
Perennial. Geophyte. Ht 0.22–0.45 m. Alt ?–1220 m. B, LIM, NW, G, M, NC

tortile R.A.Dyer = **D. crispum**

umbonatum (Baker) Baker = **D. viride**

vaginatum Baker
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 855–1065 m. N, B, NW, NC

venenatum Schinz = **D. longifolium**

viride (L.) Moench
D. elatum Baker (3)
D. palustre Baker (3)
D. umbonatum (Baker) Baker (3)
Perennial. Geophyte. Ht 0.2–1.67 m. Alt 5–2651 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

DRIMIA Jacq. 1082000

(1) Baker. 1897. *FC* 6: 367, 436–445.
(2) Wright. 1916. *Kew Bulletin* 1916: 233, 234.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 138, 142.
(4) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 854, 858, 859.
(5) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 890.
(6) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1027.
(7) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1117.
(8) Dyer. 1964. *The Flowering Plants of Africa* 36: t. 1439.
(9) Nordenstam. 1970. *Botaniska Notiser* 123: 155–182.
(10) Stirton. 1976. *Bothalia* 12: 161–165.
(11) Jessop. 1977. *Journal of South African Botany* 43: 265–319.
(12) Obermeyer. 1980. *Bothalia* 13: 452, 453.
(13) Obermeyer. 1981. *Journal of South African Botany* 47: 577.
(14) Wijnands. 1983. *The botany of the Commelins*: 130, 131.
(15) Hilliard & Burtt. 1984. *Notes from the Royal Botanic Garden Edinburgh* 42: 227–260.
(16) Snijman. 1985. *South African Journal of Botany* 51: 283–286.
(17) Stedje. 1987. *Nordic Journal of Botany* 7: 655–666.
(18) Snijman *et al.* 1999. *Novon* 9: 111–113.
(19) Goldblatt & Manning. 2000. *Strelitzia* 9: 97–99, 710–712.
(20) Manning & Goldblatt. 2003. *Bothalia* 33: 109–111.

albiflora (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus albiflorus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–800 m. WC

alta R.A.Dyer = **D. elata**

altissima (L.f.) Ker Gawl.
Urginea altissima (L.f.) Baker (11)
Urginea epigea R.A.Dyer (11)
Perennial. Geophyte. Ht 1–2.5 m. Alt 50–915 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

angustifolia Baker
Thuranthos basuticum (E.Phillips) Oberm.
Urginea basutica E.Phillips (11)
Perennial. Geophyte. Ht up to 0.91 m. Alt ?–1465 m. LIM, G, FS, KZN, L, NC, EC

anomala (Baker) Baker
Perennial. Geophyte. Ht up to 0.8 m. Alt 30–610 m. KZN, EC

arenicola (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus arenicola B.Nord. (19)
Perennial. Geophyte. Ht up to 0.15 m. Alt ?–366 m. NC, WC

barkerae Oberm. ex J.C.Manning & Goldblatt
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ± 200 m. WC

calcarata (Baker) Stedje
D. modesta (Baker) Jessop (15)
Urginea calcarata (Baker) Hilliard & Burtt (17)
Urginea modesta Baker (11)
Urginea natalensis Baker (11)
Urginea pretoriensis Baker (11)
Urginea rubella Baker (11)
Urginea tenella Baker (11)
Perennial. Geophyte. Ht 0.07–0.45 m. Alt 160–2713 m. LIM, NW, M, S, FS, KZN, EC

capensis (Burm.f.) Wijnands
D. forsteri (Baker) Oberm. (14)
Urginea forsteri Baker (12)
Perennial. Geophyte. Ht 0.45–2.13 m. Alt 20–490 m. NC, WC, EC

capitata Baker = **D. sphaerocephala**

convallarioides (L.f.) J.C.Manning & Goldblatt
Rhadamanthus convallarioides (L.f.) Baker (19)
Rhadamanthus montanus B.Nord. (19)
Perennial. Geophyte. Ht 0.15–0.25 m. Alt ?–610 m. NC, WC

ciliaris Jacq. ex Willd. = **D. elata**

ciliata (L.f.) J.C.Manning & Goldblatt
Urginea ciliata (L.f.) Baker (20)
Perennial. Geophyte. Ht? Alt ?–85 m. WC, EC

cooperi (Baker) Baker
Perennial. Geophyte. Ht up to 0.6 m. Alt? EC

cuscutoides (Burch. ex Baker) J.C.Manning & Goldblatt
Schizobasis cuscutoides (Burch. ex Baker) Benth. & Hook. (20)
Perennial. Geophyte, Ht 0.05–0.7 m. Alt 250–3540 m. N, B, LIM, M, S, FS, KZN, NC, WC

cyanelloides (Baker) J.C.Manning & Goldblatt
Rhadamanthus cyanelloides Baker (19)
Perennial. Geophyte. Ht up to 0.06 m. Alt ?–640 m. EC

delagoensis (Baker) Jessop
Urginea delagoensis Baker (11)
Urginea lydenburgensis R.A.Dyer (11)
Perennial. Geophyte, succulent. Ht 0.45–0.7 m. Alt 75–1060 m. M, S, KZN

depressa (Baker) Jessop
Urginea capitata (Hook.) Baker (11)
Urginea depressa Baker (11)
Perennial. Geophyte. Ht up to 0.2 m. Alt up to 2400 m. LIM, G, M, S, KZN, L, NC, EC

dregei (Baker) J.C.Manning & Goldblatt
Urginea dregei Baker (19)
Perennial. Geophyte. Ht up to 0.4 m. Alt 5–1295 m. NC, WC

elata Jacq.
D. alta R.A.Dyer (11)
D. ciliaris Jacq. ex Willd. (11)
D. robusta Baker (11)
Perennial. Geophyte. Ht 0.22–1.8 m. Alt 15–1650 m. B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

exuviata (Jacq.) Jessop
Sypharissa exuviata (Jacq.) Salisb. ex Oberm. (11)
Tenicroa exuviata (Jacq.) Speta (11)
Urginea exuviata (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht up to 1 m. Alt 15–2000 m. NC, WC, EC

fasciata (B.Nord) J.C.Manning & Goldblatt
Rhadamanthus fasciatus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1160 m. N, NC

filifolia (Jacq.) J.C.Manning & Goldblatt.
Sypharissa filifolia (Jacq.) Salisb. ex Oberm. (11)
Tenicroa filfiolia (Jacq.) Oberm. (11)
Urginea filifolia (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 100–2175 m. WC

forsteri (Baker) Oberm. = **D. capensis**

fragrans (Jacq.) J.C.Manning & Goldblatt
Sypharissa fragrans (Jacq.) Salisb. ex Oberm. (11)
Tenicroa fragrans (Jacq.) Raf. (11)
Urginea fragrans (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht up to 0.3 m. Alt 75–1525 m. WC

haworthioides Baker
Perennial. Geophyte. Ht up to 0.4 m. Alt 20–610 m. WC, EC

hesperantha J.C.Manning & Goldblatt
D. revoluta (A.V.Duthie) J.C.Manning & Goldblatt, illegitimate name (20)
Urginea revoluta A.V.Duthie (19)
Perennial. Geophyte. Ht 0.05–0.25 m. Alt 100–600 m. WC

hyacinthoides Baker
Perennial. Geophyte. Ht up to 0.7 m. Alt 185–610 m. EC

indica (Roxb.) Kunth
Urginea amboensis Baker (11)
Urginea indica (Roxb.) Kunth (11)
Perennial. Geophyte. Ht up to 0.5 m. Alt? N, M, KZN

intricata (Baker) J.C.Manning & Goldblatt
Schizobasis intricata (Baker) Baker (19)
Schizobasis macowanii Baker (11)
Perennial. Geophyte, Ht 0.05–0.7 m. Alt 250–3540 m. N, B, LIM, M, S, FS, KZN, NC, WC

involuta (J.C.Manning & Snijman) J.C.Manning & Goldblatt
Rhadamanthus involutus J.C.Manning & Snijman (19)
Perennial. Geophyte. Ht up to 0.25 m. Alt ± 800 m. NC

karooica (Oberm.) J.C.Manning & Goldblatt
Rhadamanthus karooicus Oberm. (19)
Perennial. Geophyte. Ht up to 0.22 m. Alt? NC, WC

kniphofioides (Baker) J.C.Manning & Goldblatt
Urginea kniphofioides Baker (20)
Perennial. Geophyte. Ht up to 2.5 m. Alt? M, KZN

macrantha (Baker) Baker
Urginea macrantha (Baker) E.Phillips (12)
Thuranthos macranthum (Baker) C.H.Wright (11)
Thuranthos nocturnale R.A.Dyer (4)
Perennial. Geophyte. Ht up to 1.4 m. Alt 365–670 m. KZN, EC

macrocentra (Baker) Jessop
Urginea echinostachys Baker (11)
Urginea lilacina Baker (11)
Urginea macrocentra Baker (11)
Perennial. Geophyte. Ht 0.4–1.5 m. Alt 15–2685 m. KZN, EC

marginata (Thunb.) Jessop
Urginea marginata (Thunb.) Baker (11)
Perennial. Geophyte. Ht up to 0.3 m. Alt 570–1000 m. NC, WC

media Jacq.
Perennial. Geophyte. Ht up to 0.6 m. Alt 20–490 m. WC

minor (A.V.Duthie) Jessop
Urginea minor A.V.Duthie (11)

Perennial. Geophyte. Ht up to 0.09 m. Alt ?–2000 m. NC, WC

modesta (Baker) Jessop = **D. calcarata**

multifolia (G.J.Lewis) Jessop
Sypharissa multifolia (G.J.Lewis) Oberm. (11)
Tenicroa multifolia (G.J.Lewis) Oberm. (11)
Urginea multifolia G.J.Lewis (11)
Perennial. Geophyte. Ht up to 0.25 m. Alt 700–795 m. NC, WC

multisetosa (Baker) Jessop
Urginea multisetosa Baker (11)
Perennial. Geophyte. Ht 0.2–0.8 m. Alt 955–1750 m. LIM, NW, G, M, FS, KZN, EC

namibensis (Oberm.) J.C.Manning & Goldblatt
Rhadamanthus namibensis Oberm. (19)
Perennial. Geophyte. Ht up to 0.3 m. Alt? N

nana (Snijman) J.C.Manning & Goldblatt
Tenicroa nana Snijman (20)
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

neriniformis Baker = **D. sphaerocephala**

platyphylla (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus platyphyllus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.3 m. Alt ?–1525 m. N, FS, NC, WC

physodes (Jacq.) Jessop
Urginea physodes (Jacq.) Baker (11)
Urginea pusilla (Jacq.) Baker (20)
Perennial. Geophyte. Ht up to 0.25 m. Alt? N, NC, WC

pusilla Jacq.
Perennial. Geophyte. Ht up to 0.1 m. Alt up to 200 m. WC

revoluta (A.V.Duthie) J.C.Manning & Goldblatt, illegitimate name = **D. hesperantha**

revoluta (L.f.) Kunth = **Ledebouria revoluta**

robusta Baker = **D. elata**

salteri (Compton) J.C.Manning & Goldblatt
Urginea salteri Compton (19)
Perennial. Geophyte. Ht? Alt? WC

sanguinea (Schinz) Jessop
Urginea burkei Baker (9)
Urginea sanguinea Schinz (11)
Perennial. Geophyte. Ht 0.1–0.9 m. Alt 838–1435 m. N, B, LIM, NW, NC

saniensis (Hilliard & B.L.Burtt) J.C.Manning & Goldblatt
Urginea saniensis Hilliard & B.L.Burtt (20)
Perennial. Geophyte. Ht up to 0.01 m. Alt? L

sclerophylla J.C.Manning & Goldblatt
Urginea rigidifolia Baker (19)
Perennial. Geophyte. Ht? Alt? WC, EC

secunda (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus secundus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.15 m. Alt? N

sphaerocephala Baker
Drimia capitata Baker (11)
Drimia neriniformis Baker (11)
Perennial. Geophyte. Ht 0.32–0.7 m. Alt 230–2425 m. LIM, M, S, FS, KZN, EC

uniflora J.C.Manning & Goldblatt
Litanthus pusillus Harv. (19)
Perennial. Geophyte. Ht 0.01–0.39 m. Alt 650–3000 m. G, S, FS, KZN, WC, EC

uranthera (R.A.Dyer) J.C.Manning & Goldblatt
Rhadamanthus urantherus R.A.Dyer (19)
Perennial. Geophyte. Ht up to 0.2 m. Alt? WC

virens (Schltr.) J.C.Manning & Goldblatt
Urginea virens Schltr. (19)
Perennial. Geophyte. Ht up to 0.4 m. Alt? WC

DRIMIOPSIS Lindl. & Paxton 1090000

(1) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 957.
(2) Van der Merwe. 1945. *The Flowering Plants of Africa* 25: tt. 975, 976.
(3) Jessop. 1972. *Journal of South African Botany* 38: 151–162.
(4) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–65.

atropurpurea N.E.Br.
D. purpurea Van der Merwe (4)
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. G, M, KZN

burkei Baker subsp. **burkei**
D. crenata Van der Merwe (3)
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. G, M, KZN

burkei Baker subsp. **stolonissima** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. M

comptonii U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. M

crenata Van der Merwe = **D. burkei** subsp. **burkei**

davidsoniae U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. S

lachenalioides (Baker) Jessop = **Resnova lachenalioides**

maculata Lindl.
Drimiopsis minor Baker (4)
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. G, M, S, KZN, EC

maxima Baker = **Resnova humifusa**

minor Baker = **D. maculata**

purpurea Van der Merwe = **D. atropurpurea**

pusilla U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. S

reilleyana U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. S

saundersiae Baker = **Resnova humifusa**

woodii Baker
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. KZN

ELSIEA F.M.Leight. 1089010

flanaganii (Baker) F.M.Leight. = **Ornithogalum paludosum**

EUCOMIS L'Hér. 1088000

(1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 220.
(3) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: tt. 953–955.
(4) Reyneke. 1974. *Journal of South African Botany* 40: 61–63.
(5) Reyneke. 1976. *Journal of South African Botany* 42: 361–364.
(6) Reyneke. 1980. *Bothalia* 13: 140–142.
(7) Reyneke. 1972. *'n Monografiese studie van die genus* Eucomis *L'Hérit. in Suid-Afrika*. Unpublished M.Sc. thesis, University of Pretoria.

autumnalis (Mill.) Chitt. subsp. **amaryllidifolia** (Baker) Reyneke
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–1830 m. FS, EC

autumnalis (Mill.) Chitt. subsp. **autumnalis**
E. undulata Aiton (6)
Perennial. Geophyte. Ht 0.15–0.55 m. Alt 460–1890 m. LIM, NC, EC

autumnalis (Mill.) Chitt. subsp. **clavata** (Baker) Reyneke
E. robusta Baker (6)
E. undulata in sense of Letty; Trauseld, not of Aiton, misapplied name (6)
Perennial. Geophyte. Ht 0.12–0.6 m. Alt 45–2650 m. B, LIM, NW, G, M, S, FS, KZN, L

bicolor Baker
Perennial. Geophyte. Ht 0.35–0.6 m. Alt ?–2745 m. M, FS, KZN, L, EC

comosa (Houtt.) Wehrh. var. **comosa**
E. punctata L'Hér. (7)
Perennial. Geophyte. Ht 0.2–1 m. Alt 120–2000 m. KZN, EC

comosa (Houtt.) Wehrh. var. **striata** (Don) Willd.
Perennial. Geophyte. Ht 0.6–0.9 m. KZN, EC

humilis Baker
Perennial. Geophyte. Ht 0.14–0.38 m. Alt ?–2285 m. KZN, L

montana Compton
Perennial. Geophyte. Ht 0.25–0.45 m. Alt ?–2076 m. M, S, KZN

nana (Burm.f.) L'Hér. = **E. regia**

pallidiflora Baker
E. pole-evansii N.E.Br. (7)
Perennial. Geophyte. Ht 0.38–2.2 m. Alt 915–2076 m. M, S, FS, KZN, L, EC

pillansii L.Guthrie = **E. regia**

pole-evansii N.E.Br. = **E. pallidiflora**

punctata L'Hér. = **E. comosa** var. **comosa**

regia (L.) L'Hér.
E. nana (Burm.f.) L'Hér. (4)
E. pillansii L.Guthrie (7)
Perennial. Geophyte. Ht 0.02–0.12 m. Alt 10–1525 m. NC, WC

robusta Baker = **E. autumnalis** subsp. **clavata**

schijffii Reyneke
Perennial. Geophyte. Ht 0.1–0.15 m. Alt 1400–3150 m. KZN, L, EC

undulata Aiton = **E. autumnalis** subsp. **autumnalis**

undulata in sense of Letty; Trauseld, not of Aiton, misapplied name = **E. autumnalis** subsp. **clavata**

vandermerwei I.Verd.
Perennial. Geophyte. Ht 0.25–0.5 m. Alt ?–2195 m. M

zambesiaca Baker
Perennial. Geophyte. Ht 0.12–0.25 m. Alt 1200–2400 m. LIM

GALTONIA Decne. 1081000

(1) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1188.
(2) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 345–405.
(3) Hilliard & Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 95–104.
(4) Riddles & Condy. 2001. *Flowering Plants of Africa* 57: 30–32, t. 2165.

candicans (Baker) Decne.
Perennial. Geophyte. Ht 0.01–2 m. Alt 1350–2150 m. M, FS, KZN, L, EC

clavata Mast. = **Pseudogaltonia clavata**

princeps (Baker) Decne.
Perennial. Geophyte. Ht 1.5–1.67 m. Alt 60–1525 m. KZN, EC

regalis Hilliard & B.L.Burtt
Perennial. Geophyte. Ht up to 0.8 m. Alt 1770–3000 m. KZN, L

viridiflora I.Verd.
Perennial. Geophyte. Ht up to 0.91 m. Alt 2100–2530 m. FS, L, EC

HYACINTHUS L. 1093000

corymbosus L. = **Polyxena corymbosa**

paucifolius W.F.Barker = **Polyxena paucifolia**

LACHENALIA J.Jacq. ex Murray 1098000

(1) Baker. 1897. *FC* 6: 421–436.
(2) Schönland. 1910. *Transactions of the Royal Society of South Africa* 1: 443.
(3) Dinter. 1920. *Repertorium specierum novarum regni vegetabilis* 16: 341, 342.
(4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 91.
(5) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 158.
(6) Phillips. 1925. *The Flowering Plants of South Africa* 5: tt. 166, 184.
(7) Barker. 1930. *South African Gardening and Country Life* 20: 14.
(8) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 374.
(9) Barker. 1931. *The Flowering Plants of South Africa* 11: tt. 401, 422, 431.
(10) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 405.
(11) Dinter. 1932. *Repertorium specierum novarum regni vegetabilis* 30: 84.
(12) Barker. 1933. *The Flowering Plants of South Africa* 13: tt. 505–508.
(13) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 79.
(14) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 950.
(15) Barker. 1949. *Journal of South African Botany* 15: 37–39.
(16) Barker. 1966. *Botaniska Notiser* 119: 201–207.
(17) Ingram. 1966. *Baileya* 14: 123–132.
(18) Barker. 1969. *Journal of South African Botany* 35: 321, 322.
(19) Barker. 1972. *Journal of South African Botany* 38: 179–183.
(20) Barker. 1978. *Journal of South African Botany* 44: 391–418.
(21) Barker. 1979. *The Flowering Plants of Africa* 45: t. 1794.
(22) Barker. 1979. *The Flowering Plants of Africa* 46: t. 1808.
(23) Barker. 1979. *Journal of South African Botany* 45: 193–219.
(24) Barker. 1983. *Journal of South African Botany* 49: 432–444.
(25) Barker. 1984. *Journal of South African Botany* 50: 535–547.
(26) Reid. 1985. *The Flowering Plants of Africa* 48: t. 1910.
(27) Barker. 1987. *South African Journal of Botany* 53: 166–172.
(28) Duncan. 1987. *The Flowering Plants of Africa* 49: t. 1951.
(29) Müller-Doblies *et al.* 1987. *South African Journal of Botany* 53: 481–488.
(30) Duncan. 1988. *The Flowering Plants of Africa* 50: t. 1961.
(31) Duncan. 1988. *Annals of Kirstenbosch Botanic Gardens* 17: 1–71.
(32) Barker. 1989. *South African Journal of Botany* 55: 630–646 .
(33) Duncan. 1993. *The Flowering Plants of Africa* 52: t. 2061.
(34) Duncan. 1996. *Bothalia* 26: 1–9.
(35) Duncan. 1997. *Bothalia* 27: 7–15.
(36) Duncan. 1998. *Bothalia* 28: 131–139.
(37) Dold & Phillipson. 1998. *Bothalia* 28: 141–149.
(38) Duncan & Linder Smith. 1999. *Flowering Plants of Africa* 56: t. 2144.
(39) Duncan & Edwards. 2002. *Bothalia* 32: 190–192.

alba W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.06–0.3 m. Alt? NC

algoensis Schönland
Perennial. Geophyte. Ht 0.06–0.3 m. Alt 10–833 m. WC, EC

aloides (L.f.) Engl. var. **aloides**
L. tricolor Thunb. (17)
Perennial. Geophyte. Ht 0.15–0.26 m. Alt 15–289 m. WC

aloides (L.f.) Engl. var. **aurea** (Lindl.) Engl.
Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC

aloides (L.f.) Engl. var. **quadricolor** (Jacq.) Engl.
Perennial. Geophyte. Ht 0.09–0.2 m. Alt ?–30 m. WC

aloides (L.f.) Engl. var. **vanzyliae** W.F.Barker
Perennial. Geophyte. Ht 0.05–0.26 m. Alt ?–1300 m. WC

ameliae W.F.Barker
Perennial. Geophyte. Ht 0.04–0.12 m. Alt? WC

angelica W.F.Barker
Perennial. Geophyte. Ht 0.06–0.1 m. Alt? NC

anguinea Sweet
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 305–390 m. NC, WC

arbuthnotiae W.F.Barker
Perennial. Geophyte. Ht 0.18–0.4 m. Alt? WC

attenuata W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht ± 0.02 m. Alt? NC, WC

aurioliae G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC, EC

bachmannii Baker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? WC

barkeriana U.Müll.-Doblies, B.Nord. & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.15–0.2 m. Alt? NC

bolusii W.F.Barker
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 460–1100 m. NC, WC

bowieana Baker = **L. nervosa**

bowkeri Baker
L. subspicata Fourc. (37)
Perennial. Geophyte. Ht 0.1–0.26 m. Alt ?–1800 m. EC

buchubergensis Dinter
Perennial. Geophyte. Ht 0.06–0.07 m. Alt? N, NC

bulbifera (Cirillo) Engl.
L. pendula Aiton (17)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 5–500 m. WC

campanulata Baker
L. rhodantha Baker (37)
Perennial. Geophyte. Ht? Alt ?–1200 m. EC

capensis W.F.Barker
Perennial. Geophyte. Ht 0.15–0.25 m. Alt? WC

carnosa Baker
L. ovatifolia L.Guthrie (32)
Perennial. Geophyte. Ht 0.08–0.7 m. Alt 300–1525 m. NC

comptonii W.F.Barker
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 700–1000 m. NC, WC

concordiana Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.06–0.2 m. Alt ?–550 m. NC

congesta W.F.Barker
Perennial. Geophyte. Ht 0.08–0.14 m. Alt ?–1615 m. NC

contaminata Aiton
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 60–685 m. WC

convallariodora Stapf = **L. fistulosa**

convallarioides Baker
Perennial. Geophyte. Ht 0.05–0.14 m. Alt? EC

cooperi Baker, status doubtful

dasybotrya Diels
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC

dehoopensis W.F.Barker
Perennial. Geophyte. Ht 0.08–0.16 m. Alt? WC

doleritica G.D.Duncan
Perennial. Geophyte. Ht 0.08–0.11 m. Alt? NC

duncanii W.F.Barker
Perennial. Geophyte. Ht 0.15–0.18 m. Alt? NC

elegans W.F.Barker var. **elegans**
Perennial. Geophyte. Ht 0.18–0.24 m. Alt ?–820 m. NC

elegans W.F.Barker var. **flava** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.25 m. Alt? WC

elegans W.F.Barker var. **membranacea** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.2 m. Alt? NC, WC

elegans W.F.Barker var. **suaveolens** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.27 m. Alt? NC, WC

esterhuysenae W.F.Barker
Perennial. Geophyte. Ht 0.15–0.45 m. Alt? WC

fistulosa Baker
L. convallariodora Stapf (32)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 55–915 m. WC

framesii W.F.Barker
Perennial. Geophyte. Ht 0.09–0.15 m. Alt ?–275 m. NC, WC

giessii W.F.Barker
Perennial. Geophyte. Ht 0.06–0.16 m. Alt? N

gillettii W.F.Barker
Perennial. Geophyte. Ht 0.12–0.22 m. Alt? WC

glaucina Jacq. = **L. orchioides** var. **glaucina**

glaucophylla W.F.Barker
Perennial. Geophyte. Ht 0.09–0.25 m. Alt ?–1100 m. NC

haarlemensis Fourc.
Perennial. Geophyte. Ht 0.12–0.2 m. Alt ?–305 m. WC

hirta (Thunb.) Thunb. var. **exserta** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

hirta (Thunb.) Thunb. var. **hirta**
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 115–700 m. NC, WC

inconspicua G.D.Duncan
Perennial. Geophyte. Ht 0.12–0.16 m. Alt? NC

isopetala Jacq.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC

juncifolia Baker var. **campanulata** W.F.Barker
Perennial. Geophyte. Ht 0.08–0.3 m. Alt? WC

juncifolia Baker var. **juncifolia**
Perennial. Geophyte. Ht 0.15–0.23 m. Alt 30–1005 m. WC

karooica W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.02–0.15 m. Alt? FS, NC, WC, EC

klinghardtiana Dinter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt? N

kliprandensis W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC

lactosa G.D.Duncan
Perennial. Geophyte. Ht 0.03–0.08 m. Alt? WC

latifolia Tratt. = **L. nervosa**

latimerae W.F.Barker
Perennial. Geophyte. Ht 0.15–0.28 m. Alt? WC, EC

leipoldtii G.D.Duncan
Perennial. Geophyte. Ht 0.04–0.13 m. Alt? WC

leomontana W.F.Barker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

liliflora Jacq.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ?–50 m. WC

longibracteata E.Phillips
Perennial. Geophyte. Ht 0.07–0.35 m. Alt ?–140 m. WC

macgregoriorum W.F.Barker
Perennial. Geophyte. Ht 0.16–0.36 m. Alt? NC

margaretae W.F.Barker
Perennial. Geophyte. Ht 0.03–0.12 m. Alt? WC

marginata W.F.Barker subsp. **marginata**
Perennial. Geophyte. Ht 0.11–0.3 m. Alt? NC, WC

marginata W.F.Barker subsp. **neglecta** Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.2 m. Alt? WC

marlothii W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.09–0.16 m. Alt? NC

martinae W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt? WC

massonii Baker = **L. trichophylla**

mathewsii W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

maximiliani Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ?–800 m. WC

mediana Jacq. var. **mediana**
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? WC

mediana Jacq. var. **rogersii** (Baker) W.F.Barker
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? WC

minima W.F.Barker
Perennial. Geophyte. Ht 0.02–0.17 m. Alt? NC

moniliformis W.F.Barker
Perennial. Geophyte. Ht 0.12–0.17 m. Alt? WC

montana Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.1–0.33 m. Alt 50–610 m. WC

muirii W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt 20–180 m. WC

multifolia W.F.Barker
Perennial. Geophyte. Ht 0.07–0.2 m. Alt? WC

mutabilis Sweet
Perennial. Geophyte. Ht 0.1–0.45 m. Alt 30–915 m. NC, WC

namaquensis Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.08–0.23 m. Alt ?–855 m. NC

namibiensis W.F.Barker
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N

neilii W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? NC

nervosa Ker Gawl.
L. bowieana Baker (38)
L. latifolia Tratt. (38)
Perennial. Geophyte. Ht 0.07–0.13 m. Alt? WC

nordenstamii W.F.Barker
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? N, NC

nutans G.D.Duncan
Perennial. Geophyte. Ht 0.04–0.06 m. Alt? N

obscura Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.06–0.38 m. Alt? NC, WC

orchioides (L.) Aiton var. **glaucina** (Jacq.) W.F.Barker
L. glaucina Jacq. (32)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt ?–100 m. WC

orchioides (L.) Aiton var. **orchioides**
Perennial. Geophyte. Ht 0.08–0.4 m. Alt 15–1220 m. WC

orthopetala Jacq.
Perennial. Geophytc. Ht 0.09–0.27 m. Alt? WC

ovatifolia L.Guthrie = **L. carnosa**

pallida Aiton
Perennial. Geophyte. Ht 0.12–0.3 m. Alt 61–245 m. WC

patula Jacq.
L. succulenta Masson ex Baker (32)
Perennial. Geophyte, succulent. Ht 0.06–0.15 m. Alt 155–185 m. WC

pearsonii (P.E.Glover) W.F.Barker
Scilla pearsonii P.E.Glover (18)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N

peersii Marloth ex W.F.Barker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–63 m. WC

pendula Aiton = **L. bulbifera**

perryae G.D.Duncan
Perennial. Geophyte. Ht ± 01.3 m. Alt? WC, EC

physocaulos W.F.Barker
Perennial. Geophyte. Ht 0.13–0.3 m. Alt? WC

polyphylla Baker
Perennial. Geophyte. Ht 0.06–0.18 m. Alt? WC

polypodantha Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.05–0.15 m. Alt ?–915 m. NC

punctata Jacq. = **L. rubida** var. **punctata**

purpureo-caerulea Jacq.
Perennial. Geophyte. Ht 0.1–0.28 m. Alt? WC

pusilla Jacq.
Perennial. Geophyte. Ht 0.01–0.04 m. Alt 30–200 m. WC

pustulata Jacq.
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 30–120 m. WC

reflexa Thunb.
Perennial. Geophyte. Ht 0.03–0.19 m. Alt ?–15 m. WC

rhodantha Baker = **L. campanulata**

roodieae E.Phillips = **L. splendida**

rosea Andrews
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 5–1200 m. WC

rubida Jacq. var. **rubida**
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 5–945 m. NC, WC

rubida Jacq. var. **punctata** (Jacq.) Baker
L. punctata Jacq. (1)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC

rubida Jacq. var. **tigrina** (Jacq.) Baker
L. tigrina Jacq. (1)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC

salteri W.F.Barker
Perennial. Geophyte. Ht 0.15–0.35 m. Alt ?–90 m. WC

sargeantii W.F.Barker
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

schelpei W.F.Barker
Perennial. Geophyte. Ht 0.1–0.23 m. Alt? NC

schlechteri Baker = **L. unifolia** var. **schlechteri**

splendida Diels
L. roodieae E.Phillips (32)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 610–1100 m. NC, WC

stayneri W.F.Barker
Perennial. Geophyte. Ht 0.12–0.3 m. Alt? WC

subspicata Fourc. = **L. bowkeri**

succulenta Masson ex Baker = **L. patula**

thomasiae W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.06–0.13 m. Alt? WC

tigrina Jacq. = **L. rubida** var. **trigina**

trichophylla Baker
L. massonii Baker (22)
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 17–820 m. NC, WC

tricolor Thunb. = **L. aloides** var. **aloides**

undulata Masson ex Baker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 361–610 m. NC, WC

unicolor Jacq.
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 100–1000 m. WC

unifolia Jacq. var. **schlechteri** (Baker) W.F.Barker
L. schlechteri Baker (32)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt ?–185 m. NC, WC

unifolia Jacq. var. **unifolia**
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 30–670 m. WC

unifolia Jacq. var. **wrightii** Baker
Perennial. Geophyte. Ht 0.1–0.35 m. Alt ?–914 m. WC

valeriae G.D.Duncan
Perennial. Geophyte. Ht 0.1–0.4 m. Alt? NC

variegata W.F.Barker
Perennial. Geophyte. Ht 0.1–0.4 m. Alt? WC

ventricosa Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.2–0.48 m. Alt ?–460 m. WC

verticillata W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt? NC

violacea Jacq. var. **glauca** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.23 m. Alt? NC, WC

violacea Jacq. var. **violacea**
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 100–1525 m. NC, WC

viridiflora W.F.Barker
Perennial. Geophyte. Ht 0.08–0.2 m. Alt ?–15 m. WC

whitehillensis W.F.Barker
Perennial. Geophyte. Ht 0.15–0.36 m. Alt ?–900 m. NC, WC

xerophila Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.13 m. Alt? NC

youngii Baker
Perennial. Geophyte. Ht 0.07–0.3 m. Alt 75–490 m. WC, EC

zebrina W.F.Barker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–1035 m. NC, WC

zeyheri Baker
Perennial. Geophyte. Ht 0.06–0.2 m. Alt 535–1220 m. WC

LEDEBOURIA Roth 1090010

(1) Schönland. 1903. *Records of the Albany Museum* 1: 48.
(2) Schweickerdt. 1937. *The Flowering Plants of South Africa* 17: t. 674.
(3) Phillips. 1941. *The Flowering Plants of South Africa* 21: tt. 830–832.
(4) Phillips. 1942. *The Flowering Plants of South Africa* 22: tt. 864, 865.
(5) Phillips. 1943. *The Flowering Plants of South Africa* 23: tt. 898, 899, 912, 913.
(6) Burges. 1944. *The Flowering Plants of South Africa* 24: t. 958.
(7) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 944.
(8) Phillips. 1944. *The Flowering Plants of South Africa* 24: tt. 943, 947, 948, 959.
(9) Phillips. 1945. *The Flowering Plants of Africa* 25: tt. 964, 985.
(10) Jessop. 1970. *Journal of South African Botany* 36: 233–266.
(11) Jessop. 1973. *Journal of South African Botany* 39: 45–48.
(12) Venter & Edwards. 1998. *Bothalia* 28: 15–17, 179–182.

apertiflora (Baker) Jessop
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 152–1615 m. LIM, NW, M, S, FS, KZN, NC, WC, EC

atrobrunnea S.Venter
Perennial. Geophyte. Ht 0.06–0.08 m. Alt? G

concolor (Baker) Jessop
Perennial. Geophyte. Ht? Alt? EC

cooperi (Hook.f.) Jessop
Scilla adlamii Baker (10)
Scilla cinerascens Van der Merwe (10)
Scilla cooperi Hook.f. (10)
Scilla galpinii Baker (10)
Scilla glaucescens Van der Merwe (10)
Scilla inandensis Baker (10)
Scilla petiolata Van der Merwe (10)
Scilla pusilla Baker (10)
Scilla rogersii Baker (10)
Scilla rupestris Van der Merwe (10)
Scilla saturata Baker (10)
Perennial. Geophyte. Ht 0.04–1.21 m. Alt 12–3500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

crispa S.Venter
Perennial. Geophyte. Ht 0.04–0.05 m. Alt? LIM

dolomiticola S.Venter
Perennial. Geophyte. Ht 0.04–0.05 m. Alt? LIM

floribunda (Baker) Jessop
Scilla floribunda Baker (10)
Scilla livida Baker (10)
Scilla megaphylla Baker (10)
Scilla zebrina Baker (10)
Perennial. Geophyte. Ht up to 0.2 m. Alt 45–1830 m. LIM, M, KZN, EC

graminifolia (Baker) Jessop
Scilla graminifolia Baker (10)
Scilla stenophylla Van der Merwe (10)
Perennial. Geophyte. Ht 0.1–0.11 m. Alt 640–2012 m. G, M, KZN

hypoxidioides (Schönland) Jessop
Scilla hypoxidioides Schönland (10)
Perennial. Geophyte. Ht? Alt ?–610 m. EC

inquinata (C.A.Sm.) Jessop
Scilla inquinata C.A.Sm. (10)
Perennial. Geophyte. Ht 0.05–0.22 m. Alt ?–1560 m. B, LIM, NW, G, M

luteola Jessop
Perennial. Geophyte. Ht 0.1–0.15 m. Alt ?–2500 m. B, LIM, NW, G, M, FS, KZN

macowanii (Baker) S.Venter
Perennial. Geophyte. Ht 0.04–0.06 m. Alt? LIM, NW, M, S, FS, KZN, L, NC, WC, EC

marginata (Baker) Jessop
Scilla marginata Baker (10)
Scilla neglecta Van der Merwe (10)
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 365–2103 m. LIM, NW, G, M, S, FS, KZN, L, EC

ovalifolia (Schrad.) Jessop
Scilla ovalifolia (Schrad.) C.A.Sm. (10)
Perennial. Geophyte. Ht? Alt ?–20 m. WC

ovatifolia (Baker) Jessop
Scilla cicatricosa C.A.Sm. (10)
Scilla climatocarpha C.A.Sm. (10)
Scilla elevans Van der Merwe (10)
Scilla ovatifolia Baker (10)

Perennial. Geophyte. Ht 0.05–0.15 m. Alt 155–2200 m. LIM, NW, G, M, FS, KZN, L, EC

parvifolia S.Venter
Perennial. Geophyte. Ht 0.02–0.04 m. Alt? M

revoluta (L.f.) Jessop
Drimia revoluta (L.f.) Kunth (10)
Scilla albomarginata Van der Merwe (10)
Scilla asperifolia Van der Merwe (10)
Scilla carnosula Van der Merwe (10)
Scilla lanceaefolia (Jacq.) Baker (10)
Perennial. Geophyte. Ht 0.02–0.25 m. Alt 45–3000 m. N, B, LIM, NW, M, S, FS, KZN, WC, EC

scabrida Jessop
Perennial. Geophyte. Ht ± 0.1 m. Alt? N

socialis (Baker) Jessop
Scilla socialis Baker (10)
Scilla violacea Hutch. (10)
Perennial. Geophyte. Ht? Alt 155–350 m. EC

undulata (Jacq.) Jessop
Scilla prasina Baker (10)
Scilla rautanenii Schinz (10)
Perennial. Geophyte. Ht 0.07–0.7 m. Alt 5–1480 m. NC

viscosa Jessop
Perennial. Geophyte. Ht? Alt? LIM

LINDNERIA T.Durand & Lubbers 1094010

clavata (Mast.) Speta = **Pseudogaltonia clavata**

fibrillosa T.Durand & Lubbers = **Pseudogaltonia clavata**

LITANTHUS Harv. 1085000

pusillus Harv. = **Drimia uniflora**

MASSONIA Thunb. ex Houtt. 1101000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 46.
(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 367.
(3) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 429.
(4) Leighton. 1943. *The Flowering Plants of South Africa* 23: t. 915.
(5) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1451.
(6) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
(7) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.
(8) Manning & Van der Merwe. 2002. *Bothalia* 32: 63–65.

angustifolia in sense of Jessop, not of L.f., misapplied name = **Daubenya marginata**

angustifolia L.f. = **Massonia echinata**

bolusiae W.F.Barker = **M. echinata**

bowkeri Baker = **M. jasminiflora**

burchellii Baker = **Daubenya zeyheri**

comata Burch. ex Baker = **Daubenya comata**

depressa Houtt.
M. grandiflora Lindl. (7)
M. latifolia L.f. (6)
Perennial. Geophyte, succulent. Ht 0.02–0.03 m. Alt 155–1435 m. FS, NC, WC, EC

echinata L.f.
Daubenya angustifolia (L.f.) A.M.van der Merwe & J.C.Manning (8)
M. angustifolia L.f. (8)
M. bolusiae W.F.Barker (6)
Neobakeria angustifolia (L.f.) Schltr. (8)
Perennial. Geophyte, succulent. Ht? Alt 30–2895 m. NC, WC, EC

grandiflora Lindl. = **M. depressa**

heterandra (F.M.Leight.) Jessop = **M. pygmaea** subsp. **pygmaea**

jasminiflora Burch. ex Baker
M. bowkeri Baker (6)
Perennial. Geophyte, succulent. Ht up to 0.05 m. Alt ?–2900 m. NW, G, FS, L, NC

latifolia L.f. = **M. depressa**

marginata Willd. ex Kunth = **Daubenya marginata**

pedunculata Baker = **Daubenya zeyheri**

pustulata Jacq.
Perennial. Geophyte, succulent. Ht 0.02–0.05 m. Alt up to 100 m. WC

pygmaea Kunth. subsp. **kamiesbergensis** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ?–1950 m. NC

pygmaea Kunth. subsp. **pygmaea**
Massonia heterandra (F.M.Leight.) Jessop (7)
Neobakeria heterandra F.M.Leight. (7)
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ?–1950 m. WC

rugulosa Licht. ex Kunth = **Daubenya marginata**

sessiliflora (Dinter) U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.01–0.04 m. Alt? N, NC

zeyheri Kunth = **Daubenya zeyheri**

MERWILLA Speta 1093010

(1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 209–292.
(2) Baker. 1891. *The Gardeners' Chronicle* 9: 521, 668.
(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 365.
(4) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: t. 822.
(5) Lewis. 1947. *The Flowering Plants of Africa* 26: t. 1006.
(6) Wild. 1964. *Kirkia* 4: 163, 164.
(7) Jessop. 1970. *Journal of South African Botany* 36: 233–236.
(8) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 247–298.
(9) Speta. 1998. *Phyton* 38: 1–224.
(10) Manning & Goldblatt. 2003, in press. *Edinburgh Journal of Botany*.

dracomontana (Hilliard & B.L.Burtt) Speta
Scilla dracomontana Hilliard & B.L.Burtt (9)
Perennial. Geophyte. Ht 0.06–0.1 m. Alt? KZN

natalensis (Planch.) Speta = **M. plumbea**

plumbea (Lindl.) Speta
M. natalensis (Planch.) Speta (10)
Scilla kraussii Baker (10)
Scilla natalensis Planch. (10)
Scilla plumbea Lindl. (9)
Perennial. Geophyte. Ht 0.2–1 m. Alt? M, S, FS, KZN, L, EC

NAMOPHILA U.Müll.-Doblies & D.Müll.-Doblies 1093020

(1) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.

uropetala U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht ± 0.05 m. Alt ± 700 m. N

NEOBAKERIA Schltr. 1099010

angustifolia (L.f.) Schltr. = **Massonia echinata**

burchellii (Baker) Schltr. = **Daubenya zeyheri**

comata (Burch. ex Baker) Schltr. = **Daubenya comata**

haemanthoides (Baker) Schltr. = **Daubenya marginata**

heterandra F.M.Leight. = **Massonia pygmaea** subsp. **pygmaea**

marginata (Willd. ex Kunth) Schltr. = **Daubenya marginata**

namaquensis Schltr. = **Daubenya namaquensis**

rugulosa (Licht. ex Kunth) Schltr. = **Daubenya marginata**

NEOPATERSONIA Schönland 1089020

(1) Schönland. 1912. *Records of the Albany Museum* 2: 250–253.
(2) Lewis. 1952. *Annals of the South African Museum* 40: 6–14.
(3) Archibald. 1956. *The Flowering Plants of Africa* 31: t. 1204.
(4) Merxmüller. 1970. *FSWA* 147: 54, 55.

falcata G.J.Lewis
Perennial. Geophyte. Ht 0.05–0.07 m. Alt? N

namaquensis G.J.Lewis
Perennial. Geophyte. Ht 0.05–0.07 m. Alt? NC

uitenhagensis Schönland
Perennial. Geophyte. Ht up to 0.28 m. Alt 20–90 m. WC, EC

ORNITHOGALUM L. 1089000

(1) Burchell. 1822. *Travels in the interior of southern Africa* 1: 370.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 65, 75.
(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 194.
(5) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 870.
(6) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1030.
(7) Verdoorn & Leighton. 1947. *The Flowering Plants of Africa* 26: t. 1038.
(8) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1314.
(9) Obermeyer. 1966. *The Flowering Plants of Africa* 37: tt. 1463, 1464.
(10) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1619.
(11) Obermeyer. 1978. *Bothalia* 12: 323–376.
(12) Müller-Doblies. 1981. *Willdenowia* 11: 45–67.
(13) Hilliard & Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 195, 196.
(14) Hilliard & Burtt. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46: 343.
(15) Van Jaarsveld. 1994. *Bradleya* 12: 32–35.
(16) Müller-Doblies & Müller-Doblies. 1996. *Feddes Repertorium* 107: 361–548.
(17) Williamson. 1998. *Bothalia* 28: 62–65.
(18) Archer & Archer. 1999. *South African Journal of Botany* 65: 431–433.
(19) Perry. 1999. *Strelitzia* 8: 74.
(20) Goldblatt & Manning. 2000. *Strelitzia* 9: 104–107, 713.

adseptentrionesvergentulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

aetfatense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? M

albucoides (Aiton) Thunb. = **O. suaveolens**

aloiforme Oberm. = **O. graminifolium**

amboense Schinz = **Albuca amboensis**

anguinum F.M.Leight.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–460 m. EC

annae-ameliae U.& D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.25 m. Alt? S

apertum (I.Verdc.) Oberm. = **O. concordianum**

attenuatum F.M.Leight. = **O. graminifolium**

aurantiacum Baker = **O. multifolium**

autumnulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

barbatum Jacq. = **O. suaveolens**

baurii Baker
O. hygrophilum Hilliard & B.L.Burtt (14)
Perennial. Geophyte. Ht 0.4–0.6 m. Alt ?–1300 m. EC

bicornutum F.M.Leight.
Perennial. Geophyte. Ht 0.01–0.16 m. Alt ?–1220 m. NC

brevifolium F.M.Leight. = **O. juncifolium**

breviscapum F.M.Leight. = **O. tenuifolium** subsp. **tenuifolium**

britteniae F.M.Leight.
Perennial. Geophyte. Ht up to 0.25 m. Alt? EC

brucebayeri U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

campanulatum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

candidum Oberm.
Perennial. Geophyte. Ht up to 0.22 m. Alt? N

capillare J.M.Wood & M.S.Evans
O. gracillimum R.E.Fries (16)
Perennial. Geophyte. Ht 0.1–0.15 m. Alt ?–1675 m. M, KZN, EC

caudatum Aiton = **O. longibracteatum**

cepaceum Burm.f. = **Bulbine cepacea**

chloranthum Baker = **O. tenuifolium** subsp. **tenuifolium**

ciliatifolium F.M.Leight. = **O. hispidum** subsp. **hispidum**

ciliiferum U.Müll.-Doblies & D.Müll.-Doblies
O. gifbergense U.Müll.-Doblies & D.Müll.-Doblies (20)
Perennial. Geophyte. Ht up to 0.25 m. Alt? NC, WC

citrinum Poelln. ex Schltr = **O. dubium**

comptonii F.M.Leight. = **O. juncifolium**

concordianum (Baker) U.Müll.-Doblies & D.Müll.-Doblies
Albuca aperta I.Verd. (11)
Albuca concordiana Baker (16)
O. apertum (I.Verd.) Oberm. (16)
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 300–1035 m. N, NC, WC

conicum Jacq. subsp. **conicum**
O. lacteum Jacq. (11)
Perennial. Geophyte. Ht 0.45–0.6 m. Alt 365–1890 m. WC

conicum Jacq. subsp. **strictum** (L.Bolus) Oberm.
Perennial. Geophyte. Ht 0.4–0.9 m. Alt 150–610 m. NC, WC

constrictum F.M.Leight.
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 60–305 m. WC, EC

costatulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

decusmontium G.Will.
Perennial. Geophyte. Ht up to 0.12 m. Alt? NC

deltoideum Baker
Perennial. Geophyte. Ht 0.07–0.18 m. Alt ?–490 m. N, NC

diluculum Oberm.
Perennial. Geophyte. Ht up to 0.25 m. Alt? NC, WC

diphyllum Baker
Perennial. Geophyte. Ht up to 0.09 m. Alt ?–2135 m. KZN

distans L.Bolus = **O. hispidum** subsp. **hispidum**

dolichopharynx U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

dregeanum Kunth
Perennial. Geophyte. Ht up to 0.5 m. Alt ?–365 m. WC

dubium Houtt.
O. citrinum Poelln. ex Schltr (11)
O. flavescens Jacq. (11)
O. flavissimum Jacq. (11)
O. miniatum Jacq. (11)
Perennial. Geophyte. Ht 0.1–0.91 m. Alt 15–1150 m. WC, EC

dyeri Poelln. = **O. unifolium**

ecklonii Schltdl. = **O. tenuifolium** subsp. **tenuifolium**

esterhuyseniae Oberm.
Perennial. Geophyte. Ht 0.5–0.7 m. Alt ?–915 m. WC

etesiogaripense U.Müll.-Doblies & D.Müll.-Doblies subsp. **etesiogaripense**
Perennial. Geophyte. Ht up to 0.2 m. Alt? N, NC

etesiogaripense U.Müll.-Doblies & D.Müll.-Doblies subsp. **longipilosum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.2 m. Alt? N

fimbrimarginatum F.M.Leight.
Perennial. Geophyte. Ht 0.2–0.45 m. Alt 305–1220 m. WC, EC

fissurisedulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

flavescens Jacq. = **O. dubium**

flavissimum Jacq. = **O. dubium**

flexuousum (Thunb.) U.Müll.-Doblies & D.Müll.-Doblies
Bulbinella ornithogaloides Kunth (19)
O. ornithogaloides (Kunth) Oberm. (16)
O. zeyheri Baker (11)
Perennial. Geophyte. Ht 0.22–0.5 m. Alt 155–2075 m. N, G, M, S, FS, KZN, L, EC

geniculatum Oberm.
Perennial. Geophyte. Ht up to 0.2 m. Alt 190–800 m. N, NC

gethylloides U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

gifbergense U.Müll.-Doblies & D.Müll.-Doblies = **O. ciliiferum**

glandulosum Oberm.
Perennial. Geophyte. Ht up to 0.18 m. Alt 600–780 m. N, NC

glaucifolium U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

gracillimum R.E.Fries = **O. capillare**

graminifolium Thunb.
O. aloiforme Oberm. (11)
O. attenuatum F.M.Leight. (11)
O. inandense Baker probably (16)
O. longiscapum Baker (11)
Perennial. Geophyte. Ht 0.12–0.76 m. Alt 5–2745 m. FS, KZN, L, WC, EC

gregorianum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

haalenbergense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

hallii Oberm.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

hesperanthum U.Müll.-Doblies & D.Müll.-Doblies = **O. nanodes**

hispidulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.25 m. Alt? NC

hispidum Hornem. subsp. **bergii** (Schltdl.) Oberm.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 90–610 m. WC

hispidum Hornem. subsp. **hispidum**
O. ciliatifolium F.M.Leight. (11)
O. distans L.Bolus (11)
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 120–1300 m. N, NC, WC

hygrophilum Hilliard & B.L.Burtt = **O. baurii**

inandense Baker, probably = **O. graminifolium**

inclusum F.M.Leight.
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

inconspicuum Baker = **O. tenuifolium** subsp. **tenuifolium**

juncifolium Jacq.
O. brevifolium F.M.Leight. (11)
O. comptonii F.M.Leight. (11)
O. leptophyllum Baker (11)
O. oliganthum Baker (11)
O. subulatum Baker (11)
Perennial. Geophyte. Ht 0.03–0.5 m. Alt 17–3540 m. NW, G, M, FS, KZN, L, WC, EC

karachabpoortense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

knersvlaktense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

lacteum Jacq. = **O. conicum** subsp. **conicum**

leeupoortense U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

leptophyllum Baker = **O. juncifolium**

longibracteatum Jacq.
O. caudatum Aiton (11)
Perennial. Geophyte, succulent. Ht 0.6–1.82 m. Alt 5–1920 m. KZN, EC

longicollum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

longiscapum Baker = **O. graminifolium**

maculatum Jacq.
O. thunbergianum Baker (11)
Perennial. Geophyte. Ht 0.3–0.5 m. Alt 250–1000 m. NC, WC

materfamilias U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC

merxmuelleri Roessler = **O. puberulum** subsp. **puberulum**

miniatum Jacq. = **O. dubium**

monarchos U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

monophyllum Baker subsp. **eckardtianum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.25 m. Alt? EC

monophyllum Baker subsp. **monophyllum**
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1980 m. M, S

multifolium Baker
O. aurantiacum Baker (11)
O. perpulchrum Schltr. ex Poelln. (16)
Perennial. Geophyte. Ht 0.02–0.3 m. Alt 60–1669 m. NC, WC

nanodes F.M.Leight.
O. hesperanthum U.Müll.-Doblies & D.Müll.-Doblies (20)
Perennial. Geophyte. Ht 0.02–0.2 m. Alt 700–1130 m. N, NC, WC

namaquanulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.25 m. Alt? NC

namaquanum U.Müll.-Doblies & D.Müll.-Doblies = **O. suaveolens**

nathoanum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

naviculum W.F.Barker
Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

nervosum Burch. = **Schizocarpus nervosus**

niveum in sense of Oberm. = **O. schlechterianum**

odoratissimum C.A.Sm. = **O. semipedale**

oliganthum Baker = **O. juncifolium**

ornithogaloides (Kunth.) Oberm. = **O. flexuousum**

osmynellum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

ovatum Thunb. subsp. **oliverorum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

ovatum Thunb. subsp. **ovatum**
Perennial. Geophyte. Ht? Alt? NC, WC

paludosum Baker
Anthericum carnosum Baker (19)
Bulbinella carnosum (Baker) Baker (19)
Elsiea flanaganii (Baker) F.M.Leight. (11)
Perennial. Geophyte. Ht 0.1–0.67 m. Alt 185–3475 m. M, KZN, L, WC, EC

paucifolium U.Müll.-Doblies & D.Müll.-Doblies subsp. **karooparkense** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

paucifolium U.Müll.-Doblies & D.Müll.-Doblies subsp. **paucifolium**
Perennial. Geophyte. Ht? Alt? WC

pearsonii F.M.Leight.
Perennial. Geophyte. Ht? Alt? N, NC

pendulinum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

pentheri Zahlbr.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC

perparvum Poelln. = **O. pilosum**

perpulchrum Schltr. ex Poelln. = **O. multifolium**

pilosum L.f.
O. perparvum Poelln. (11)
O. tenellum Jacq. (16)
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 60–960 m. WC

pilosum L.f. subsp. *pullatum* (F.M.Leight.) Oberm. = **O. pullatum**

polyodontulum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

polyphlebium Baker = **O. prasinum**

polyphyllum Jacq.
Perennial. Geophyte. Ht 0.25–0.6 m. Alt 600–1100 m. NC, WC

prasinum Lindl.
O. polyphlebium Baker (11)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 400–1405 m. N, NW, G, FS, NC, EC

pretoriense Baker = **O. tenuifolium** subsp. **tenuifolium**

psammophorum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

pruinosum F.M.Leight.
Perennial. Geophyte. Ht 0.1–0.6 m. Alt 60–1000 m. NC, WC

puberulum Oberm. subsp. **chris-bayeri** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.06–0.28 m. Alt? N

puberulum Oberm. subsp. **puberulum**
O. merxmuelleri Roessler (16)
Perennial. Geophyte. Ht 0.06–0.28 m. Alt? N

pulchrum Schinz
Perennial. Geophyte. Ht 1.21–1.85 m. Alt ?–500 m. N, B

pullatum F.M.Leight.
O. pilosum L.f. subsp. *pullatum* (F.M.Leight.) Oberm. (16)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC

rautanenii Schinz
Perennial. Geophyte. Ht up to 0.2 m. Alt? N

recurvum Oberm. = **O. stapffii**

revolutum in sense of Ker Gawl., not of Jacq., misapplied name = **O. thyrsoides**

rogersii Baker
Perennial. Geophyte. Ht 0.2–0.3 m. Alt ?–2100 m. WC

roodiae E.Phillips = **O. suaveolens**

rossouwii U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.02–0.3 m. Alt? WC, EC

rotatum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.01–0.2 m. Alt? NC

rupestre L.f.
Perennial. Geophyte. Ht 0.02–0.1 m. Alt ?–121 m. WC

sabulosum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC

sardienii Van Jaarsv.
Perennial. Geophyte. Ht? Alt? WC

saundersiae Baker
Perennial. Geophyte. Ht 0.39–1.5 m. Alt 305–1525 m. M, S, KZN

scabrocostatum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC

schlechterianum Schinz
O. niveum in sense of Oberm. (16)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 365–1981 m. WC

secundum Jacq.
Albuca micrantha Baker (16)
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 50–1000 m. NC, WC

seineri (Engl. & K.Krause) Oberm.
Perennial. Geophyte. Ht 0.15–1.82 m. Alt 318–1310 m. N, B, LIM, M, FS, NC

semipedale (Baker) U.Müll.-Doblies & D.Müll.-Doblies
Albuca semipedalis Baker (16)
O. odoratissimum C.A.Sm. (16)
Perennial. Geophyte. Ht 0.25–0.6 m. Alt 600–1100 m. NC, WC

sephtonii Hilliard & B.L.Burtt
Perennial. Geophyte. Ht up to 0.1 m. Alt? EC

stapffii Schinz
O. recurvum Oberm. (11)
Perennial. Geophyte. Ht 0.04–0.5 m. Alt ?–1405 m. N

strigulosum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N

stuetzelianum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N, NC

suaveolens Jacq.
Albuca brevipes Baker (16)
O. albucoides (Aiton) Thunb. (11)
O. barbatum Jacq. (11)
O. namaquanum U.Müll.-Doblies & D.Müll.-Doblies (20)
O. roodiae E.Phillips (11)
O. vittatum (Ker Gawl.) Kunth (11)

Perennial. Geophyte. Ht 0.15–0.76 m. Alt 91–2200 m. N, NC, WC, EC

subcoriaceum L.Bolus
Perennial. Geophyte. Ht up to 0.2 m. Alt 795–1140 m. WC

subglandulosum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

subulatum Baker = **O. juncifolium**

synadelphicum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.02–0.1 m. Alt? WC

synanthifolium F.M.Leight., doubtfully distinct from **O. baurii**

tenellum Jacq. = **O. pilosum**

tenuifolium F.Delaroche subsp. **aridum** Oberm.
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 762–1525 m. N, NC, EC

tenuifolium F.Delaroche subsp. **tenuifolium**
O. breviscapum F.M.Leight. (16)
O. chloranthum Baker (12)
O. ecklonii Schltdl. (11)
O. inconspicuum Baker (11)
O. pretoriense Baker (11)
O. virens Lindl. (11)
Perennial. Geophyte. Ht 0.1–1.21 m. Alt 5–2135 m. N, B, LIM, M, S, FS, KZN, L, NC, EC

thermophilum F.M.Leight.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–275 m. WC

thunbergianum Baker = **O. maculatum**

thunbergianulum U.Müll.-Doblies & D.Müll.-Doblies = **O. tortuosum**

thyrsoides Jacq.
O. revolutum in sense of Ker Gawl., not of Jacq., misapplied name (11)
Perennial. Geophyte. Ht 0.07–0.5 m. Alt 10–1530 m. NC, WC

tortuosum Baker
O. thunbergianulum U.Müll.-Doblies & D.Müll.-Doblies (20)
Perennial. Geophyte. Ht 0.07–0.5 m. Alt 10–1530 m. NC, WC

toxicarium C.Archer & R.H.Archer
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? N, NC, WC, EC

tuberosum Mill. = **Bulbine cepacea**

tubiforme (Oberm.) Oberm.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–1300 m. N

unifoliatum (G.D.Rowley) Oberm.
Perennial. Geophyte. Ht up to 0.05 m. Alt? NC

unifolium Retz. var. **unifolium**
O. dyeri Poelln. (11)
O. watermeyeri L.Bolus (11)
Perennial. Geophyte. Ht 0.02–0.3 m. Alt 150–1830 m. N, FS, NC, WC

unifolium Retz. var. **vestitum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC

verae U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC

virens Lindl. = **O. tenuifolium** subsp. **tenuifolium**

vittatum (Ker Gawl.) Kunth = **O. suaveolens**

watermeyeri L.Bolus = **O. unifolium**

xanthochlorum Baker
Perennial. Geophyte. Ht 0.3–0.6 m. Alt 185–900 m. NC, WC

zebrinellum U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.15 m. Alt? NC, WC

zebrinum (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.24 m. Alt ?–915 m. NC

zeyheri Baker = **O. flexuousum**

PERIBOEA Kunth 1093030

corymbosa (L.) Kunth = **Polyxena corymbosa**

oliveri U.Müll.-Doblies & D.Müll.-Doblies = **Polyxena paucifolia**

paucifolia (W.F.Barker) U.Müll.-Doblies & D.Müll.-Doblies = **Polyxena paucifolia**

POLYXENA Kunth 1099000

(1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 56.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 129.
(4) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 420.
(5) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
(6) Goldblatt & Manning. 2000. *Strelitzia* 9: 107, 713, 714.
(7) Van der Merwe & Marais. 2001. *South African Journal of Botany* 67: 44–46.

corymbosa (L.) Jessop
Hyacinthus corymbosus L. (5)
Periboea corymbosa (L.) Kunth (5)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt up to 200 m. WC

ensifolia (Thunb.) Schönland
P. odorata (Hook.f.) Baker (5)
P. pygmaea (Jacq.) Kunth (5)
Perennial. Geophyte. Ht up to 0.06 m. Alt up to 1500 m. NC, WC

haemanthoides Baker = **Daubenya marginata**

longituba A.M.van der Merwe
Perennial. Geophyte. Ht up to 0.06 m. Alt 800–1500 m. NC

maughanii W.F.Barker
Perennial. Geophyte. Ht up to 0.06 m. Alt 800–1500 m. NC

odorata (Hook.f.) Baker = **P. ensifolia**

paucifolia (W.F. Barker) A.M.van der Merwe & J.C.Manning
Hyacinthus paucifolius W.F.Barker (5)
Periboea oliveri U.Müll.-Doblies & D.Müll.-Doblies (6)
Periboea paucifolia (W.F.Barker) U.Müll.-Doblies & D.Müll.-Doblies (6)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt up to 100 m. WC

pygmaea (Jacq.) Kunth = **P. ensifolia**

PSEUDOGALTONIA (Kuntze) Engl. 1094000

(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 580.
(2) Speta. 1985. *Botanische Jahrbücher* 106: 123–134.
(3) Burtt. 1998. *Edinburgh Journal of Botany* 55: 485, 486.

clavata (Mast.) E.Phillips
Galtonia clavata Mast. (3)
Lindneria clavata (Mast.) Speta (3)
Lindneria fibrillosa T.Durand & Lubbers (3)
P. pechuellii (Kuntze) Engl. (3)
P. subspicata Baker (3)
Perennial. Geophyte. Ht 0.43–0.8 m. Alt 800–1830 m. N, B, NC

pechuellii (Kuntze) Engl. = **P. clavata**

subspicata Baker = **P. clavata**

PSEUDOPROSPERO Speta 1093040

(1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 209–292.
(2) Baker. 1891. *The Gardeners' Chronicle* 9: 521, 668.
(3) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 926.
(4) Jessop. 1970. *Journal of South African Botany* 36: 233–236.
(5) Speta. 1998. *Phyton* 38: 1–224.

firmifolium (Baker) Speta
Scilla firmifolia Baker (5)
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? EC

RESNOVA Van der Merwe 1090005

(1) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: tt. 823, 824.
(2) Van der Merwe. 1946. *Tydskrif vir Wetenskap en Kuns* 6: 41–46.
(3) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–65.

lachenalioides (Baker) Van der Merwe
Drimiopsis lachenalioides (Baker) Jessop (2)
Scilla lachenalioides Baker (2)
Perennial. Geophyte. Ht up to 0.25 m. Alt 610–2135 m. KZN, EC

humifusa (Baker) U.Müll.-Doblies & D.Müll.-Doblies
Drimiopsis maxima Baker (3)
Drimiopsis saundersiae Baker (3)
R. transvaalensis Van der Merwe (3)
Scilla humifusa Baker (3)
Scilla schlechteri Baker (3)
Perennial. Geophyte. Ht up to 0.25 m. Alt 610–2135 m. M, KZN

minor Van der Merwe
Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. KZN

maxima Van der Merwe
Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. KZN

pilosa Van der Merwe
Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. M, KZN

transvaalensis Van der Merwe = **R. humifusa**

RHADAMANTHUS Salisb. 1083000

albiflorus B.Nord. = **Drimia albiflora**

arenicola B.Nord. = **Drimia arenicola**

convallarioides (L.f.) Baker = **Drimia convallarioides**

cyanelloides Baker = **Drimia cyanelloides**

fasciatus B.Nord. = **Drimia fasciata**

involutus J.C.Manning & Snijman = **Drimia involuta**

karooicus Oberm. = **Drimia karooica**

montanus B.Nord. = **Drimia convallarioides**

namibensis Oberm. = **Drimia namibensis**

platyphyllus B.Nord. = **Drimia platyphylla**

secundus B.Nord. = **Drimia secunda**

urantherus R.A.Dyer = **Drimia uranthera**

SCHIZOBASIS Baker 1010000

cuscutoides (Burch. ex Baker) Benth. & Hook. = **Drimia cuscutoides**

flagelliformis (Baker) Baker = **Eriospermum flagelliforme**

intricata (Baker) Baker = **Drimia intricata**

macowanii Baker = **Drimia intricata**

SCHIZOCARPHUS Van der Merwe 1086010

(1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 237, 242.
(2) Van der Merwe. 1943. *The Flowering Plants of South Africa* 23: tt. 904–906.
(3) Jessop. 1970. *Journal of South African Botany* 36: 233–236.
(4) Speta. 1998. *Phyton* 38: 1–224.

acerosus Van der Merwe = **S. nervosus**

gerrardii (Baker) Van der Merwe = **S. nervosus**

nervosus (Burch.) Van der Merwe
Ornithogalum nervosum Burch. (2)
S. acerosus Van der Merwe (3)
S. gerrardii (Baker) Van der Merwe (3)
S. rigidifolius (Kunth) Van der Merwe (3)
Scilla gerrardii Baker (3)
Scilla nervosa (Burch.) Jessop (4)
Scilla rigidifolia Baker (3)
Scilla rigidifolia Baker var. *acerosa* Van der Merwe (3)
Scilla rigidifolia Baker var. *nervosa* Baker (2)
Perennial.Geophyte. Ht 0.05–0.3 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, EC

rigidifolius (Kunth) Van der Merwe = **S. nervosus**

SCILLA L. 1086000

adlamii Baker = **Ledebouria cooperi**

albomarginata Van der Merwe = **Ledebouria revoluta**

asperifolia Van der Merwe = **Ledebouria revoluta**

carnosula Van der Merwe = **Ledebouria revoluta**

cicatricosa C.A.Sm. = **Ledebouria ovatifolia**

cinerascens Van der Merwe = **Ledebouria cooperi**

climatocarpha C.A.Sm. = **Ledebouria ovatifolia**

cooperi Hook.f. = **Ledebouria cooperi**

dracomontana Hilliard & B.L.Burtt = **Merwilla dracomontana**

elevans Van der Merwe = **Ledebouria ovatifolia**

firmifolia Baker = **Pseudoprospero firmifolium**

floribunda Baker = **Ledebouria floribunda**

galpinii Baker = **Ledebouria cooperi**

gerrardii Baker = **Schizocarpus nervosus**

glaucescens Van der Merwe = **Ledebouria cooperi**

graminifolia Baker = **Ledebouria graminifolia**

humifusa Baker = **Resnova humifusa**

hypoxidioides Schönland = **Ledebouria hypoxidioides**

inandensis Baker = **Ledebouria cooperi**

inquinata C.A.Sm. = **Ledebouria inquinata**

kraussii Baker = **Merwilla natalensis**

lachenalioides Baker = **Resnova lachenalioides**

lanceaefolia (Jacq.) Baker = **Ledebouria revoluta**

livida Baker = **Ledebouria floribunda**

marginata Baker = **Ledebouria marginata**

megaphylla Baker = **Ledebouria floribunda**

natalensis Planch. = **Merwilla natalensis**

neglecta Van der Merwe = **Ledebouria marginata**

nervosa (Burch.) Jessop = **Schizocarphus nervosus**

ovalifolia (Schrad.) C.A.Sm. = **Ledebouria ovalifolia**

ovatifolia Baker = **Ledebouria ovatifolia**

pearsonii P.E.Glover = **Lachenalia pearsonii**

petiolata Van der Merwe = **Ledebouria cooperi**
plumbea Lindl. = **Merwilla plumbea**
prasina Baker = **Ledebouria undulata**
pusilla Baker = **Ledebouria cooperi**
rautanenii Schinz = **Ledebouria undulata**
rigidifolia Baker = **Schizocarpus nervosus**
rigidifolia Baker var. *acerosa* Van der Merwe = **Schizocarphus nervosus**
rigidifolia Baker var. *nervosa* Baker = **Schizocarphus nervosus**
rogersii Baker = **Ledebouria cooperi**
rupestris Van der Merwe = **Ledebouria cooperi**
saturata Baker = **Ledebouria cooperi**
schlechteri Baker = **Resnova humifusa**
socialis Baker = **Ledebouria socialis**
stenophylla Van der Merwe = **Ledebouria graminifolia**
violacea Hutch. = **Ledebouria socialis**
zebrina Baker = **Ledebouria floribunda**

SPETAEA Wetschnig & Pfosser 1101030

(1) Wetschnig & Pfosser. 2003. *Taxon* 52: 87.

lachenaliiflora Wetschnig & Pfosser
Scilla plumbea of author, not *S. plumbea* Lindl. (1)
Perennial. Geophyte. Ht 0.1–0.5 m. Alt? WC

SYPHARISSA Salisb. 1080005

exuviata (Jacq.) Salisb. ex Oberm. = **Drimia exuviata**
filifolia (Jacq.) Salisb. ex Oberm. = **Drimia filifolia**
fragrans (Jacq.) Salisb. ex Oberm. = **Drimia fragrans**
multifolia (G.J.Lewis) Oberm. = **Drimia multifolia**

TENICROA Raf. 1080010

exuviata (Jacq.) Speta = **Drimia exuviata**
filfiolia (Jacq.) Oberm. = **Drimia filifolia**
fragrans (Jacq.) Raf. = **Drimia fragrans**
multifolia (G.J.Lewis) Oberm. = **Drimia multifolia**
nana Snijman = **Drimia nana**

THURANTHOS C.H.Wright 1079010

basuticum (E.Phillips) Oberm. = **Drimia angustifolia**
macranthum (Baker) C.H.Wright = **Drimia macrantha**
nocturnale R.A.Dyer = **Drimia macrantha**

URGINEA Steinh. 1080000

alooides Bolus = **Aloe alooides**
altissima (L.f.) Baker = **Drimia altissima**
amboensis Baker = **Drimia indica**
basutica E.Phillips = **Drimia angustifolia**
burkei Baker = **Drimia sanguinea**
calcarata (Baker) Hilliard & B.L.Burtt = **Drimia calcarata**
capitata (Hook.) Baker = **Drimia depressa**
ciliata (L.f.) Baker = **Drimia ciliata**
delagoensis Baker = **Drimia delagoensis**
depressa Baker = **Drimia depressa**
dregei Baker = **Drimia dregei**
echinostachys Baker = **Drimia macrocentra**
epigea R.A.Dyer = **Drimia altissima**
exuviata (Jacq.) Steinh. = **Drimia exuviata**
filifolia (Jacq.) Steinh. = **Drimia filifolia**
forsteri Baker = **Drimia capensis**
fragrans (Jacq.) Steinh. = **Drimia fragrans**
indica (Roxb.) Kunth = **Drimia indica**
kniphofioides Baker = **Drimia kniphofioides**
lilacina Baker = **Drimia macrocentra**
lydenburgensis R.A.Dyer = **Drimia delagoensis**
macrantha (Baker) E.Phillips = **Drimia macrantha**
macrocentra Baker = **Drimia macrocentra**
marginata (Thunb.) Baker = **Drimia marginata**
minor A.V.Duthie = **Drimia minor**
modesta Baker = **Drimia calcarata**
multifolia G.J.Lewis = **Drimia multifolia**
multisetosa Baker = **Drimia multisetosa**
natalensis Baker = **Drimia calcarata**
physodes (Jacq.) Baker = **Drimia physodes**
pretoriensis Baker = **Drimia calcarata**
pusilla (Jacq.) Baker = **Drimia physodes**
rigidifolia Baker = **Drimia sclerophylla**
revoluta A.V.Duthie = **Drimia hesperantha**
rubella Baker = **Drimia calcarata**
salteri Compton = **Drimia salteri**
sanguinea Schinz = **Drimia sanguinea**
saniensis Hilliard & B.L.Burtt = **Drimia saniensis**
tenella Baker = **Drimia calcarata**
virens Schltr. = **Drimia virens**

VELTHEIMIA Gled. 1097000

(1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 126.
(3) Obermeyer. 1961. *The Flowering Plants of Africa* 34: t. 1356.
(4) Marais. 1972. *Journal of the Royal Horticultural Society* 47: 483, 484.

bracteata Harv. ex Baker
V. undulata Moench (1)
V. viridifolia Jacq. (4)
Perennial. Geophyte. Ht up to 0.6 m. Alt 5–610 m. EC

capensis (L.) DC.
V. deasii P.E.Barnes (3)
V. glauca (Aiton) Jacq. (3)
V. roodeae E.Phillips (3)
Perennial. Geophyte. Ht up to 0.4 m. Alt 100–1200 m. NC, WC

deasii P.E.Barnes = **V. capensis**
glauca (Aiton) Jacq. = **V. capensis**
media Donn, illegitimate name = **Kniphofia sarmentosa**
repens Ker Gawl., illegitimate name = **Kniphofia sarmentosa**
roodeae E.Phillips = **V. capensis**
sarmentosa (Andrews) Willd. = **Kniphofia sarmentosa**
undulata Moench = **V. bracteata**
uvaria (L.) Willd. = **Kniphofia uvaria**
viridifolia Jacq. = **V. bracteata**

WHITEHEADIA Harv. 1100000

(1) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1450.
(2) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
(3) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.

bifolia (Jacq.) Baker
Perennial. Geophyte. Ht 0.1–0.15 m. Alt 245–900 m. N, NC, WC

etesionamibensis U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.01–0.1 m. Alt 900–1200 m. N

HYDROCHARITACEAE

Compiled by R.P. Glen & C.D.K. Cook

*EGERIA Planch. 0087010

(1) Obermeyer. 1966. *FSA* 1: 100.
(2) Cook & Urmi-König. 1984. *Aquatic Botany* 19: 73–96.
(3) Simpson. 1998. *FTEA* Hydrocharitaceae: 7–9.

densa Planch.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 100–1800 m. FS, KZN, WC

HALOPHILA Thouars 0085000

(1) Obermeyer. 1966. *FSA* 1: 100–102.
(2) Simpson. 1998. *FTEA* Hydrocharitaceae: 24–28.

ovalis (R.Br.) Hook.f.
Perennial. Herb, hydrophyte: rosulate. Ht depending on depth of water. Alt ± 1 m. KZN, EC

LAGAROSIPHON Harv. 0088000

(1) Obermeyer. 1966. *FSA* 1: 102–108.
(2) Symoens & Triest. 1983. *Bulletin du Jardin Botanique National de Belgique* 53: 441–488.
(3) Simpson. 1998. *FTEA* Hydrocharitaceae: 1–5.

cordofanus Casp.
L. crispus Rendle (2)
L. tsotsorogensis Bremek. & Oberm. (1)
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt? N, B, LIM, M

crispus Rendle = **L. cordofanus**

ilicifolius Oberm.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 915–1000 m. N, B

major (Ridl.) Moss ex Wager
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 365–2600 m. NW, G, M, FS, KZN, L, EC

muscoides Harv.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 100–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

tsotsorogensis Bremek. & Oberm. = **L. cordofanus**

verticillifolius Oberm.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 44–305 m. LIM, M, S, KZN

OTTELIA Pers. 0095000

(1) Obermeyer. 1966. *FSA* 1: 108–112.
(2) Cook *et al.* 1984. *Aquatic Botany* 18: 263–274.
(3) Simpson. 1998. *FTEA* Hydrocharitaceae: 14–20.

exserta (Ridl.) Dandy
Annual. Herb, hydrophyte: rosulate/epihydate? Ht 0.3–0.65 m. Alt 40–1100 m. N, LIM, M, KZN

kunenensis (Gürke) Dandy
Annual, occ. perennial. Herb, hydrophyte: rosulate. Ht 0.19–1 m. Alt ± 1030 m. N, B

muricata (C.H.Wright) Dandy
Perennial. Herb, hydrophyte. Ht depending on depth of water. Alt ± 1030 m. N, B

ulvifolia (Planch.) Walp.
Annual. Herb, hydrophyte: rosulate. Ht 0.25–0.9 m. Alt 183–1700 m. N, B, LIM, G, M, S

VALLISNERIA L. 0089000

(1) Merxmüller. 1966. *FSWA* 142: 4.
(2) Glen & Cook. Personal communication.

aethiopica Fenzl = **V. spiralis**

spiralis L.
V. aethiopica Fenzl (2)
Perennial, occ. annual. Herb, hydrophyte: rosulate. Ht 0.18–0.56 m. Alt 850–1250 m. N, B, KZN

HYPOXIDACEAE

Compiled by D.A. Snijman & Y. Singh

EMPODIUM Salisb. 1229010

(1) Nel. 1914. *Botanische Jahrbücher* 51: 287–290.
(2) Thompson. 1972. *Journal of South African Botany* 38: 163, 164.
(3) Hilliard & Burtt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 303–314.
(4) Thompson. 1977. *The Flowering Plants of Africa* 44: t. 1727.
(5) Hilliard & Burtt. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 75, 76.
(6) Thompson. 1979. *The Flowering Plants of Africa* 45: t. 1790.
(7) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 714.

elongatum (Nel) B.L.Burtt
Forbesia elongata Nel (3)
Perennial. Geophyte. Ht 150–250 mm. Alt 1500–2500 m. G, M, S, FS, KZN, L

flexile (Nel) M.F.Thomps. ex Snijman
Forbesia flexilis Nel var. *barberae* (Baker) Nel (3)
Forbesia flexilis Nel var. *flexilis* (7)
Perennial. Geophyte. Ht 100–200 mm. Alt 350–800 m. NC, WC, EC

gloriosum (Nel) B.L.Burtt
Forbesia gloriosa Nel (3)
Perennial. Geophyte. Ht 50–200 mm. Alt 5–750 m. WC, EC

monophyllum (Nel) B.L.Burtt
Forbesia monophylla Nel (3)
Perennial. Geophyte. Ht 5–10 mm. Alt 450–600 m. S, KZN

namaquensis (Baker) M.F.Thomps.
Forbesia namaquense (Baker) Nel (4)
Perennial. Geophyte. Ht 100–450 mm. Alt 350–600 m. NC, WC

occidentale (Nel) B.L.Burtt = **Saniella occidentalis**

plicatum (Thunb.) Garside
Forbesia plicata (Thunb.) Nel var. *plicata* (3)
Perennial. Geophyte. Ht 100–400 mm. Alt 5–800 m. NC, WC

veratrifolium (Willd.) M.F.Thomps.
Forbesia plicata (Thunb.) Nel var. *veratrifolia* (Willd.) Nel (2)
Perennial. Geophyte. Ht 200–350 mm. Alt 5–150 m. WC

FORBESIA Eckl. 1229020

elongata Nel = **Empodium elongatum**

flexilis Nel var. *barberae* (Baker) Nel = **Empodium flexile**

flexilis Nel var. *flexilis* = **Empodium flexile**

galpinii L.Bolus = **Rhodohypoxis rubella**

gloriosa Nel = **Empodium gloriosum**

monophylla Nel = **Empodium monophyllum**

namaquense (Baker) Nel = **Empodium namaquensis**

occidentalis Nel = **Saniella occidentalis**

plicata (Thunb.) Nel var. *plicata* = **Empodium plicatum**

plicata (Thunb.) Nel var. *veratrifolia* (Willd.) Nel = **Empodium veratrifolium**

HYPOXIS L. 1230000

(1) Baker. 1896. *FC* 6: 174–189.
(2) Nel. 1914. *Botanische Jahrbücher* 51: 301–337.
(3) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 172.
(4) Markötter. 1930. *Annale van die Universiteit van Stellenbosch* Reeks A, 8: 15.
(5) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1021.
(6) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1058.
(7) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 286.
(8) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41: 299, 300.
(9) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 201–206.
(10) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 188–191.
(11) Zimudzi. 1996. *Kirkia* 16: 16.
(12) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 108, 109.
(13) Nordal & Zimudzi. 2001. *FZ* 12: 1–18.
(14) Singh. 2003. In prep.

acuminata Baker
Perennial. Geophyte. Ht 150–450 mm. Alt 500–2000 m. LIM, G, M, S, FS, KZN, L

angustifolia Lam. var. **angustifolia**
H. biflora Baker (1)
Perennial. Geophyte. Ht 70–250 mm. Alt 15–1700 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

angustifolia Lam. var. **buchananii** Baker
Perennial. Geophyte. Ht 150–300 mm. Alt 15–1800 m. M, S, FS, KZN, EC

angustifolia Lam. var. **buchananii** Baker × **H. membranacea** Baker
Perennial. Geophyte. Ht 100–150 mm. Alt 10–30 m. KZN, EC

argentea Harv. ex Baker var. **argentea**
Perennial. Geophyte. Ht 75–250 mm. Alt 50–2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

argentea Harv. ex Baker var. **sericea** Baker
H. sericea Baker var. *dregei* Baker in part (based on *Drège 8525*) (13)
H. sericea Baker var. *flaccida* Baker (14)
H. sericea Baker var. *sericea* (1)
Perennial. Geophyte. Ht 100–250 mm. Alt 50–1500 m. NW, M, FS, KZN, L, EC

biflora Baker = **H. angustifolia** var. **angustifolia**

brevifolia Baker = **H. parvula** var. **parvula**

colchicifolia Baker
H. distachya Nel (14)
H. gilgiana Nel (14)
H. latifolia Hook. (9)
H. oligotricha Baker (9)
Perennial. Geophyte. Ht 250–600 mm. Alt 30–2100 m. KZN, EC

cordata Nel = **H. rigidula** var. **rigidula**

costata Baker
Perennial. Geophyte. Ht 30–250 mm. Alt 1600–1800 m. G, M, S, FS, KZN, L, EC

***decumbens** L.
Perennial. Geophyte. Ht 100–250 mm. Alt 250–500 m. KZN

dinteri Nel
Perennial. Geophyte. Ht 100–150 mm. Alt? N (known only from type locality)

dregei Baker in part (based on *Cooper 1811*) = **H. filiformis**

dregei Baker var. *biflora* (De Wild.) Nel = **H. filiformis**

distachya Nel = **H. colchicifolia**

ecklonii Baker = **H. floccosa**

elliptica Nel = **H. rigidula** var. **rigidula**

exaltata Nel
Perennial. Geophyte. Ht 150–300 mm. Alt 90–1300 m. EC

filiformis Baker
H. dregei Baker in part (based on *Cooper 1811*) (13)
H. dregei Baker var. *biflora* (De Wild.) Nel (13)
H. sericea Baker var. *dregei* Baker (based on *Cooper 1811*) (13)
Perennial. Geophyte. Ht 50–250 mm. Alt 10–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

flanaganii Baker
Perennial. Geophyte. Ht 25–40 mm. Alt 15–900 m. EC

floccosa Baker
H. ecklonii Baker (14)
Perennial. Geophyte. Ht 40–100 mm. Alt 50–600 m. WC, EC

galpinii Baker
H. stricta Nel (11)
Perennial. Geophyte. Ht 140–600 mm. Alt 900–2300 m. LIM, G, M, S, KZN, EC

gerrardii Baker
H. junodii Baker (10)
Perennial. Geophyte. Ht 80–200 mm. Alt 500–2300 m. LIM, M, S, FS, KZN, L

gilgiana Nel = **H. colchicifolia**

hemerocallidea Fisch.Mey. & Ave-Lall.
H. rooperii T.Moore (9)
Perennial. Geophyte. Ht 100–500 mm. Alt 50–1800 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

interjecta Nel
Perennial. Geophyte. Ht 40–150 mm. Alt 1500–1800 m. G, M, KZN, EC

iridifolia Baker
H. nitida I.Verd. (9)
H. obtusa Burch., manuscript name (9)
Perennial. Geophyte. Ht 20–45 mm. Alt 320–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

junodii Baker = **H. gerrardii**

kraussiana Buchinger
Perennial. Geophyte. Ht 70–150 mm. Alt 900–1500 m. M, S, KZN

lata Nel
Perennial. Geophyte. Ht 50–250 mm. Alt 500–2000 m. KZN, L

latifolia Hook. = **H. colchicifolia**

limicola B.L.Burtt
Perennial. Geophyte. Ht 40–80 mm. Alt 1200–2000 m. LIM, M, S

longifolia Baker
Perennial. Geophyte. Ht 250–400 mm. Alt 10–700 m. G, KZN, EC

ludwigii Baker
Perennial. Geophyte. Ht 20–25 mm. Alt 60–2400 m. KZN, EC

membranacea Baker
Perennial. Geophyte. Ht 40–110 mm. Alt 20–900 m. M, S, KZN, EC

multiceps Buchinger ex Baker
Perennial. Geophyte. Ht 20–150 mm. Alt 20–2100 m. LIM, G, M, S, FS, KZN, L, EC

neliana Schinz
Perennial. Geophyte. Ht 50–100 mm. Alt 1200–2100 m. G, M, KZN, L

nitida I.Verd. = **H. iridifolia**

obconica Nel
Perennial. Geophyte. Ht 60–70 mm. Alt 30–1600 m. KZN, EC

oblonga Nel
Perennial. Geophyte. Ht 200–500 mm. Alt 1300–2100 m. KZN, EC

obtusa Burch. ex Edwards = **H. obtusa**

obtusa Burch., manuscript name = **H. iridifolia**

obtusa Burch. ex Ker Gawl.
H. obtusa Burch. ex Edwards (14)
Perennial. Geophyte. Ht 15–50 mm. Alt 300–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

oligotricha Baker = **H. colchicifolia**

parvifolia Baker
Perennial. Geophyte. Ht 30–150 mm. Alt 1800–2400 m. M, S, FS

parvula Baker var. **albiflora** B.L.Burtt
Perennial. Geophyte. Ht 50–150 mm. Alt 900–1800 m. KZN

parvula Baker var. **parvula**
H. brevifolia Baker (10)
Perennial. Geophyte. Ht 40–120 m. Alt 1200–2300 m. M, S, FS, KZN, L

patula Nel
Perennial. Geophyte. Ht 90–110 mm. Alt ± 1300 m. M (known only from type locality)

rigidula Baker var. **pilosissima** Baker
Perennial. Geophyte. Ht 150–900 mm. Alt 40–1900 m. LIM, NW, M, G, S, KZN, L, EC

rigidula Baker var. **rigidula**
H. cordata Nel (14)
H. elliptica Nel (11)
Perennial. Herb, geophyte. Ht 150–900 mm. Alt 30–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, EC

rooperii T.Moore = **H. hemerocallidea**

sagittata Nel
Perennial. Geophyte. Ht 60–80 mm. Alt ± 1300 m. EC

sericea Baker var. *dregei* Baker in part (based on *Cooper 1811*) = **H. filiformis**

sericea Baker var. *dregei* Baker in part (based on *Drège 8525*) = **H. argentea** var. **sericea**

sericea Baker var. *flaccida* Baker = **H. argentea** var. **sericea**

sericea Baker var. *sericea* = **H. argentea** var. **sericea**

setosa Baker
Perennial. Geophyte. Ht 150–250 mm. Alt 100–1800 m. WC, EC

sobolifera Jacq.
Perennial. Geophyte. Ht 100–400 mm. Alt 700–1300 m. KZN, EC

stellipilis Ker Gawl.
Perennial. Geophyte. Ht 200–300 mm. Alt 50–900 m. WC, EC

stricta Nel = **H. galpinii**

tetramera Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 50–110 mm. Alt 2000–2500 m. KZN, L, EC

uniflorata Markötter
Perennial. Geophyte. Ht 40–60 mm. Alt 1200–1500 m. FS

villosa L.f. in wide sense
Perennial. Geophyte. Ht 100–250 mm. Alt 10–2300 m. S, KZN, L, WC, EC

woodii Baker
Perennial. Geophyte. Ht ± 250 mm. Alt 400–900 m. KZN, EC

zeyheri Baker
Perennial. Geophyte. Ht 100–150 mm. Alt 20–300 m. EC

PAURIDIA Harv. 1230030

(1) Thompson. 1972. *Journal of South African Botany* 38: 163, 164.
(2) Thompson. 1979. *Bothalia* 12: 621–625.

longituba M.F.Thomps.
Perennial. Geophyte. Ht 20–150 mm. Alt 75–180 m. WC

minuta (L.f.) T.Durand & Schinz
Perennial. Geophyte. Ht 10–100 mm. Alt 10–450 m. WC, EC

RHODOHYPOXIS Nel 1230020

(1) Nel. 1914. *Botanische Jahrbücher* 51: 300.
(2) Hilliard & Burtt. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 43–76.
(3) Singh. 2000. *Herbertia* 55: 74–80, 86.

baurii (Baker) Nel var. **baurii**
Perennial. Geophyte. Ht 50–100 mm. Alt 1100–2700 m. KZN, L, EC

baurii (Baker) Nel var. **confecta** Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 40–60 mm. Alt 1900–2300 m. M, S, FS, KZN, L, EC

baurii (Baker) Nel var. **platypetala** (Baker) Nel
Perennial. Geophyte. Ht 50–90 mm. Alt 1100–2400 m. KZN, EC

deflexa Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 25–50 mm. Alt 2700–3250 m. KZN, L, EC

incompta Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 20–50 mm. Alt 2300–2900 m. KZN, L

milloides (Baker) Hilliard & B.L.Burtt
R. palustris Killick (2)
Perennial. Geophyte. Ht 30–150 mm. Alt 1500–2450 m. KZN, L, EC

palustris Killick = **R. milloides**

rubella (Baker) Nel
Forbesia galpinii L.Bolus (2)
Perennial. Geophyte. Ht 20–40 mm. Alt 2400–3300 m. KZN, L, EC

thodiana (Nel) Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 25–30 mm. Alt 2800–3100 m. KZN, L

SANIELLA Hilliard & B.L.Burtt 1230040

(1) Hilliard & Burtt. 1978. *Notes from the Royal Botanic Garden of Edinburgh* 36: 43–76.
(2) Burtt. 2000. *Edinburgh Journal of Botany* 57: 63–70.

occidentalis (Nel) B.L.Burtt
Empodium occidentale (Nel) B.L.Burtt (2)
Forbesia occidentalis Nel (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 500–1500 m. NC, WC

verna Hilliard & B.L.Burtt
Perennial. Geophyte. Ht ± 50 mm. Alt 2700–3050 m. L, EC

SPILOXENE Salisb. 1230010

(1) Nel. 1914. *Botanische Jahrbücher* 51: 287–340.
(2) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 75, 76.
(3) Garside. 1936. *Journal of Botany* 74: 267–269.
(4) Garside. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 214–217.
(5) Geerinck. 1969. *Bulletin du Jardin Botanique National de Belgique* 39: 47–82.
(6) Thompson. 1969. *The Flowering Plants of Africa* 39: tt. 1557A, 1557B.
(7) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 109, 110.

acida (Nel) Garside (insufficiently known) (7)
WC

aemulans (Nel) Garside (insufficiently known) (7)

alba (Thunb.) Fourc.
Perennial. Geophyte. Ht 50–150 mm. Alt 15–600 m. WC

aquatica (L.f.) Fourc.
Perennial. Geophyte. Ht 200–450 mm. Alt 15–1500 m. NC, WC, EC

canaliculata Garside
Perennial. Geophyte. Ht 100–350 mm. Alt ± 135 m. WC

capensis (L.) Garside
S. stellata (Thunb.) Salisb. (3)
Perennial. Geophyte. Ht 100–350 mm. Alt 5–1800 m. NC, WC, EC

curculigoides (Bolus) Garside
S. declinata (Nel) Garside (7)
Perennial. Geophyte. Ht 50–200 mm. Alt 30–600 m. WC

cuspidata (Nel) Garside = **S. ovata**

declinata (Nel) Garside = **S. curculigoides**

dielsiana (Nel) Garside
Perennial. Geophyte. Ht 50–150 mm. Alt 750–1500 m. NC

flaccida (Nel) Garside
Perennial. Geophyte. Ht 50–250 mm. Alt 5–800 m. WC, EC

gracilipes (Schltr.) Garside = **S. ovata**

linearis (Andrews) Garside = **S. serrata** var. **serrata**

maximiliani (Schltr.) Garside = **S. umbraticola**

minuta (L.) Fourc.
Perennial. Geophyte. Ht 10–70 mm. Alt 20–70 m. WC

monophylla (Schltr.) Garside
Perennial. Geophyte. Ht 20–100 mm. Alt 60–600 m. WC

ovata (L.f.) Garside
S. cuspidata (Nel) Garside (7)
S. gracilipes (Schltr.) Garside (7)
Perennial. Geophyte. Ht 40–220 mm. Alt 150–1300 m. NC, WC

schlechteri (Bolus) Garside
Perennial. Geophyte. Ht 50–150 mm. Alt 20–1000 m. NC, WC

scullyi (Baker) Garside
Perennial. Geophyte. Ht 100–300 mm. Alt 1000–1300 m. N, NC

serrata (Thunb.) Garside var. **albiflora** (Nel) Garside
Perennial. Geophyte. Ht 100–250 mm. Alt ± 600 m. NC

serrata (Thunb.) Garside var. **serrata**
S. linearis (Andrews) Garside (7)
Perennial. Geophyte. Ht 60–300 mm. Alt 25–950 m. NC, WC

stellata (Thunb.) Salisb. = **S. capensis**

trifurcillata (Nel) Fourc.
Perennial. Geophyte. Ht 30–100 mm. Alt 20–300 m. EC

umbraticola (Schltr.) Garside
S. maximiliani (Schltr.) Garside (7)
Perennial. Geophyte. Ht 60–230 mm. Alt 450–680 m. WC

IRIDACEAE

Compiled by P. Goldblatt, J.C. Manning & C. Archer

ACIDANTHERA Hochst. 1308000

brevicollis Baker = **Gladiolus gueinzii**

ANACLANTHE N.E.Br. 1312030

namaquensis N.E.Br. = **Babiana thunbergii**

plicata (L.f.) N.E.Br. = **Babiana thunbergii**

ANAPALINA N.E.Br. 1312020

burchellii (N.E.Br.) N.E.Br. = **Tritoniopsis burchellii**

caffra (Ker Gawl. ex Baker) G.J.Lewis = **Tritoniopsis caffra**

intermedia (Baker) G.J.Lewis = **Tritoniopsis intermedia**
longituba Fourc. = **Tritoniopsis antholyza**
nervosa (Thunb.) G.J.Lewis = **Tritoniopsis antholyza**
pulchra (Baker) N.E.Br. = **Tritoniopsis pulchra**
triticea (Burm.f.) N.E.Br. = **Tritoniopsis triticea**

ANOMALESIA N.E.Br. 1311020

cunonia (L.) N.E.Br. = **Gladiolus cunonius**
saccata (Klatt) Goldblatt = **Gladiolus saccatus**
splendens (Sweet) N.E.Br. = **Gladiolus splendens**

ANOMATHECA Ker Gawl. 1316010

fistulosa (Spreng. ex Klatt) Goldblatt = **Xenoscapa fistulosa**
grandiflora Baker = **Freesia grandiflora**
laxa (Thunb.) Goldblatt subsp. *azurea* Goldblatt & Hutchings = **Freesia laxa** subsp. **azurea**
laxa (Thunb.) Goldblatt subsp. *laxa* = **Freesia laxa** subsp. **laxa**
verrucosa (Vogel in Trew) Goldblatt = **Freesia verrucosa**
viridis (Aiton) Goldblatt subsp. *crispifolia* Goldblatt = **Freesia viridis**
viridis (Aiton) Goldblatt subsp. *viridis* = **Freesia viridis**

ANTHOLYZA L. 1312000

abbreviata (Andrews) Pers. = **Gladiolus abbreviatus**
acuminata N.E.Br. = **Gladiolus watsonius**
aethiopica in sense of Burm.f. = **Chasmanthe floribunda** var. **floribunda**
aethiopica L. = **Chasmanthe aethiopica**
aethiopica L. var. *bicolor* (Gasp.) Baker = **Chasmanthe bicolor**
aethiopica L. var. *immarginata* Thunb. ex Baker = **Chasmanthe aethiopica**
aethiopica L. var. *minor* Lindl. = **Chasmanthe bicolor**
aethiopica L. var. *ringens* (Andrews) Baker = **Chasmanthe aethiopica**
aethiopica L. var. *vittigera* (Salisb.) Baker = **Chasmanthe aethiopica**
bicolor Gasp. = **Chasmanthe bicolor**
buckerveldii L.Bolus = **Gladiolus buckerveldii**
caryophyllacea Burm.f. = **Gladiolus caryophyllaceus**
cunonia L. = **Gladiolus cunonius**
duftii Schinz = **Gladiolus saccatus**
floribunda Salisb. = **Chasmanthe aethiopica**
fourcadei L.Bolus = **Gladiolus fourcadei**
guthriei L.Bolus = **Gladiolus overbergensis**
laxiflora Baker = **Gladiolus antholyzoides**
lucidor Baker = **Tritoniopsis triticea**
magnifica Harms = **Gladiolus magnificus**
muirii L.Bolus = **Gladiolus teretifolius**
paniculata Klatt = **Crocosmia paniculata**
plicata L.f. = **Babiana thunbergii**
praealta Redouté = **Chasmanthe floribunda** var. **floribunda**
priorii N.E.Br. = **Gladiolus priorii**
quadrangularis Burm.f. = **Gladiolus quadrangularis**
revoluta Burm. = **Tritoniopsis revoluta**
revoluta in sense of Baker var. *gawleri* (Baker) Baker, misapplied name = **Gladiolus watsonius**
ringens in sense of Andrews = **Chasmanthe aethiopica**
ringens L. = **Babiana ringens**
schlechteri Baker = **Gladiolus antholyzoides**
spectabilis Schinz = **Gladiolus magnificus**
steingroeveri Pax = **Gladiolus saccatus**
vandermerwei L.Bolus = **Gladiolus vandermerwei**
vittigera Salisb. = **Chasmanthe aethiopica**
watsonia (Thunb.) Pax = **Gladiolus watsonius**
zambesiaca Baker = **Gladiolus magnificus**

ARISTEA Aiton 1295000

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abyssinica Pax
A. cognata N.E.Br. ex Weim. (10)
Perennial. Herb. Ht 0.1–0.2 m. Alt 10–2500 m. LIM, M, S, FS, KZN, L, EC

africana (L.) Hoffmanns.
Perennial. Herb. Ht 0.08–0.2 m. Alt 15–765 m. WC

anceps Eckl. ex Klatt
Perennial. Herb. Ht 0.3–0.45 m. Alt 15–550 m. EC

angolensis Baker subsp. **acutivalvis** Weim.
Perennial. Herb. Ht? Alt? M

angolensis Baker subsp. **angolensis**
Perennial. Herb. Ht 0.25–1.2 m. Alt 30–2700 m. LIM, M, S, FS, KZN, EC

angolensis Baker subsp. **majubensis** (Baker) Weim.
Perennial. Herb. Ht 0.18–0.48 m. Alt ?–2135 m. LIM, M

angolensis Baker subsp. **pulchella** Weim.
Perennial. Herb. Ht 0.18–0.48 m. Alt ?–1220 m. LIM, M

bakeri Klatt
Perennial. Herb. Ht 0.6–1.06 m. Alt 90–940 m. WC, EC

biflora Weim.
Perennial. Herb. Ht 0.2–0.4 m. Alt ?–290 m. WC

bracteata Pers.
A. coerulea (Thunb.) Vahl (14)
A. monticola Goldblatt (13)
Perennial. Herb. Ht 0.8–1.3 m. Alt 300–520 m. WC

cantharophila Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.18–0.3 m. Alt? WC

capitata (L.) Ker Gawl.
A. major Andrews (13)
Perennial. Herb. Ht 0.8–1.8 m. Alt 150–1220 m. WC

coerulea (Thunb.) Vahl = **A. bracteata**

cognata N.E.Br. ex Weim. = **A. abyssinica**

compressa Buchinger ex Baker
Perennial. Herb. Ht 0.3–0.5 m. Alt 10–915 m. KZN

confusa Goldblatt
Perennial. Herb. Ht 0.8–1.8 m. Alt 150–1220 m. WC

cuspidata Schinz
Perennial. Herb. Ht 0.25–0.6 m. Alt 365–1500 m. WC

dichotoma (Thunb.) Ker Gawl.
Perennial. Herb. Ht 0.1–0.3 m. Alt 15–1065 m. NC, WC

ecklonii Baker
Perennial. Herb. Ht 0.15–0.7 m. Alt 30–1980 m. LIM, M, S, KZN, EC

ensifolia J.Muir
Perennial. Herb. Ht 0.25–0.45 m. Alt 45–700 m. WC, EC

fimbriata Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 500 m. WC

flexicaulis Baker
Perennial. Herb. Ht 0.8–1 m. Alt 10–300 m. KZN

galpinii N.E.Br. ex Weim.
Perennial. Herb. Ht 0.25–0.5 m. Alt 400–1690 m. M, S

gerrardii Weim.
Perennial. Herb. Ht 0.3–0.5 m. Alt 5–1220 m. KZN

glauca Klatt
Perennial. Herb. Ht 0.1–0.15 m. Alt 18–100 m. WC

grandis Weim.
Perennial. Herb. Ht 0.25–0.5 m. Alt ?–2256 m. M, KZN

inaequalis Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.8–1.5 m. Alt 500–700 m. NC, WC

juncifolia Baker
Perennial. Herb. Ht 0.2–0.3 m. Alt 75–395 m. WC

latifolia G.J.Lewis
Perennial. Herb. Ht 0.8–1.2 m. Alt 500–1500 m. WC

lugens (L.f.) Steud.
Perennial. Herb. Ht 0.2–0.35 m. Alt 151–460 m. WC

macrocarpa G.J.Lewis
Perennial. Herb. Ht 0.8–1.5 m. Alt 150–610 m. WC

major Andrews = **A. capitata**

montana Baker
Perennial. Herb. Ht 0.16–0.38 m. Alt ?–2440 m. FS, KZN, L, EC

monticola Goldblatt = **A. bracteata**

oligocephala Baker
Perennial. Herb. Ht 0.13–0.4 m. Alt 300–1065 m. WC

palustris Schltr.
Perennial. Herb. Ht 0.5–1 m. Alt 50–185 m. WC

pauciflora Wolley-Dod
Perennial. Herb. Ht 0.2–0.4 m. Alt 100–335 m. WC

platycaulis Baker
Perennial. Herb. Ht 0.25–0.35 m. Alt? EC

pusilla (Thunb.) Ker Gawl. subsp. **pusilla**
Perennial. Herb. Ht 0.08–0.15 m. Alt 120–915 m. WC

pusilla (Thunb.) Ker Gawl. subsp. **robustior** Weim.
Perennial. Herb. Ht 0.15–0.2 m. Alt ?–1525 m. EC

racemosa Baker var. **inflata** Weim.
Perennial. Herb. Ht 0.2–0.35 m. Alt ?–1400 m. WC

racemosa Baker var. **racemosa**
Perennial. Herb. Ht 0.2–0.35 m. Alt 60–1220 m. WC

recisa Weim.
Perennial. Herb. Ht 0.15–0.35 m. Alt 200–1145 m. WC

rigidifolia G.J.Lewis
Perennial. Herb. Ht 0.8–1.5 m. Alt 45–400 m. WC

rupicola Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.15–0.2 m. Alt ± 700 m. WC

schizolaena Harv. ex Baker
Perennial. Herb. Ht 0.4–0.6 m. Alt 200–1900 m. KZN, EC

simplex Weim.
Perennial. Herb. Ht 0.2–0.3 m. Alt 100–300 m. WC

singularis Weim.
Perennial. Herb. Ht 0.2–0.3 m. Alt 600–700 m. WC

spiralis (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.3–0.5 m. Alt 100–1130 m. WC

stokoei L.Guthrie = **Nivenia stokoei**

teretifolia Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC

torulosa Klatt
Perennial. Herb. Ht 0.3–0.5 m. Alt 200–700 m. KZN, EC

woodii N.E.Br.
Perennial. Herb. Ht 0.3–0.7 m. Alt 800–2670 m. LIM, M, S, FS, KZN, L, EC

zeyheri Baker
Perennial. Herb. Ht 0.15–0.3 m. Alt 50–450 m. WC

BABIANA Ker Gawl. 1310000

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ambigua (Roem. & Schult.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt 20–460 m. WC

angustifolia Sweet
B. pulchra (Salisb.) G.J.Lewis (6)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 115–215 m. WC

attenuata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? NC

aurea Klotzsch = **Crocosmia aurea** var. **aurea**

auriculata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt? WC

blanda (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.06 m. Alt? WC

brachystachys (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 15–50 m. NC, WC

cedarbergensis G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt? WC

crispa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt? NC, WC

cuneifolia Baker = **B. pubescens**

curviscapa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 335–825 m. NC

disticha Ker Gawl.
B. plicata Ker Gawl. (7)
Perennial. Herb, geophyte. Ht 0.07–0.1 m. Alt 61–910 m. WC

dregei Baker
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1000–1525 m. NC

ecklonii Klatt var. **ecklonii**
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 150–385 m. WC

ecklonii Klatt var. **latifolia** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

falcata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1280 m. N, NW, FS, NC

fimbriata (Klatt) Baker
B. spiralis Baker (7)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? NC

flabellifolia Harv. ex Klatt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 800–1600 m. NC

flavida G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.12 m. Alt 915–1250 m. NC

foliosa G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC

fourcadei G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 60–488 m. WC, EC

framesii L.Bolus var. **framesii**
Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 610–700 m. NC

framesii L.Bolus var. **kamiesbergensis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? NC

geniculata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? WC

horizontalis G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.05 m. Alt ?–1350 m. NC

hypogea Burch. var. **ensifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

hypogea Burch. var. **hypogea**
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 90–2100 m. N, B, LIM, G, M, FS, NC

hypogea Burch. var. **longituba** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–2040 m. LIM

klaverensis G.J.Lewis
Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? WC

leipoldtii G.J.Lewis
Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt? WC

lewisiana B.Nord.
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? WC

lineolata Klatt
B. parviflora Brehmer ex Klatt (6)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–800 m. WC

lobata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–500 m. NC

longicollis Dinter
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt? N

minuta G.J.Lewis
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? NC, WC

montana G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt 100–450 m. WC

mucronata (Jacq.) Ker Gawl. var. **longituba** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? WC

mucronata (Jacq.) Ker Gawl. var. **minor** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt ?–600 m. WC

mucronata (Jacq.) Ker Gawl. var. **mucronata**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 140–700 m. NC, WC

namaquensis Baker
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? N, NC

nana (Andrews) Spreng. var. *angustifolia* (Eckl.) G.J.Lewis = **B. nana** var. **maculata**

nana (Andrews) Spreng. var. **confusa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

nana (Andrews) Spreng. var. **maculata** (Klatt) B.Nord.
B. nana (Andrews) Spreng. var. *angustifolia* (Eckl.) G.J.Lewis (6)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 60 m. WC

nana (Andrews) Spreng. var. **nana**
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–120 m. WC

obliqua E.Phillips
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–251 m. WC

odorata L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–330 m. WC

parviflora Brehmer ex Klatt = **B. lineolata**

patersoniae L.Bolus
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 90–685 m. WC, EC

patula N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 15–460 m. WC

pauciflora G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt? NC

pilosa G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.08 m. Alt? WC

plicata Ker Gawl. = **B. disticha**

pubescens (Lam.) G.J.Lewis
B. cuneifolia Baker (5)
Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? NC

pulchra (Salisb.) G.J.Lewis = **B. angustifolia**

purpurea (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC

pygmaea (Burm.f.) Baker
Perennial. Herb, geophyte. Ht 0.04–0.12 m. Alt 50–100 m. WC

ringens (L.) Ker Gawl.
Antholyza ringens L. (14)
Perennial. Herb, geophyte. Ht 0.1–0.14 m. Alt 40–610 m. NC, WC

rubrocyanea (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt ?–152 m. WC

salteri G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

sambucina (Jacq.) Ker Gawl. var. **longibracteata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 30–1310 m. NC

sambucina (Jacq.) Ker Gawl. var. **sambucina**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 61–1525 m. WC, EC

sambucina (Jacq.) Ker Gawl. var. **undulato-venosa** (Klatt) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

sambucina (Jacq.) Ker Gawl. var. **unguiculata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.12 m. Alt? NC

scabrifolia Brehmer ex Klatt var. **acuminata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

scabrifolia Brehmer ex Klatt var. **declinata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

scabrifolia Brehmer ex Klatt var. **scabrifolia**
B. subglabra G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–155 m. WC

scariosa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 400–720 m. NC, WC

secunda (Thunb.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–120 m. WC

sinuata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–155 m. WC

spathacea (L.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 765–1500 m. NC

spiralis Baker = **B. fimbriata**

stenomera Schltr.
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–460 m. WC

striata (Jacq.) G.J.Lewis var. **planifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–61 m. NC

striata (Jacq.) G.J.Lewis var. **striata**
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt 220–975 m. NC, WC

stricta (Aiton) Ker Gawl. var. **erectifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.15 m. Alt 100–245 m. WC

stricta (Aiton) Ker Gawl. var. **grandiflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

stricta (Aiton) Ker Gawl. var. **regia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 75–500 m. WC

stricta (Aiton) Ker Gawl. var. **stricta**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 60–330 m. WC

stricta (Aiton) Ker Gawl. var. **sulphurea** (Jacq.) Baker
Perennial. Herb, geophyte. Ht? Alt ?–245 m. WC

subglabra G.J.Lewis = **B. scabrifolia** var. **scabrifolia**

thunbergii Ker Gawl.
Anaclanthe namaquensis N.E.Br. (14)
Anaclanthe plicata (L.f.) N.E.Br. (14)
Antholyza plicata L.f. (14)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 5–230 m. NC, WC

torta G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt? NC, WC

tritonioides G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

truncata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.07 m. Alt ?–1200 m. NC

tubulosa (Burm.f.) Ker Gawl. var. **tubiflora** (L.f.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 5–610 m. WC

tubulosa (Burm.f.) Ker Gawl. var. **tubulosa**
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–305 m. WC

unguiculata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

vanzyliae L.Bolus
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt 46–825 m. NC

villosa (Aiton) Ker Gawl. var. **grandis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

villosa (Aiton) Ker Gawl. var. **villosa**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 305–765 m. WC

villosula (J.F.Gmel.) Ker Gawl. ex Steud.
Perennial. Herb, geophyte. Ht 0.03–0.1 m. Alt 121–549 m. WC

virginea Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? NC

BARNARDIELLA Goldblatt 1277010

spiralis (N.E.Br.) Goldblatt = **Moraea herrei**

BELAMCANDA Adans. 1285000

bulbifera (L.) Moench = **Sparaxis bulbifera**

BOBARTIA L. 1284000

(1) Strid. 1974. *Opera Botanica* 37: 1–45.
(2) Obermeyer. 1978. *The Flowering Plants of Africa* 44: t. 1742.

aphylla (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.3–0.6 m. Alt 60–1705 m. WC, EC

fasciculata J.B.Gillett ex Strid
Perennial. Herb. Ht 0.8–1.5 m. Alt ?–765 m. WC

filiformis (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.15–0.55 m. Alt 65–1200 m. WC

gladiata (L.f.) Ker Gawl. subsp. **gladiata**
Perennial. Herb. Ht 0.3–0.9 m. Alt 200–1035 m. WC

gladiata (L.f.) Ker Gawl. subsp. **major** (G.J.Lewis) Strid
Perennial. Herb. Ht 0.5–0.8 m. Alt? WC

gladiata (L.f.) Ker Gawl. subsp. **teres** Strid
Perennial. Herb. Ht 0.4–0.7 m. Alt ?–370 m. WC

gracilis Baker
Perennial. Herb. Ht 0.2–0.45 m. Alt 365–915 m. EC

indica L.
Perennial. Herb. Ht 0.5–1.3 m. Alt 25–795 m. WC

lilacina G.J.Lewis
Perennial. Herb. Ht 0.3–0.7 m. Alt 1200–1370 m. WC

longicyma J.B.Gillett subsp. **longicyma**
Perennial. Herb. Ht 0.6–1.2 m. Alt 18–250 m. WC

longicyma J.B.Gillett subsp. **magna** J.B.Gillett ex Strid
Perennial. Herb. Ht 0.5–1.8 m. Alt? WC

longicyma J.B.Gillett subsp. **microflora** Strid
Perennial. Herb. Ht 0.4–1.2 m. Alt ?–180 m. WC

macrocarpa Strid
Perennial. Herb. Ht 0.8–1 m. Alt? EC

macrospatha Baker subsp. **anceps** (Baker) Strid
Perennial. Herb. Ht 1.25–1.5 m. Alt 275–914 m. WC, EC

macrospatha Baker subsp. **macrospatha**
Perennial. Herb. Ht 0.6–1.1 m. Alt 100–1035 m. WC, EC

orientalis J.B.Gillett subsp. **occidentalis** Strid
Perennial. Herb. Ht 0.45–1.3 m. Alt ?–650 m. WC

orientalis J.B.Gillett subsp. **orientalis**
Perennial. Herb. Ht 0.75–1.6 m. Alt 50–731 m. EC

paniculata G.J.Lewis
Perennial. Herb. Ht 0.4–1 m. Alt? WC

parva J.B.Gillett
Perennial. Herb. Ht 0.15–0.4 m. Alt ?–1075 m. WC

robusta Baker
Perennial. Herb. Ht 0.7–2 m. Alt 240–546 m. WC

rufa Strid
Perennial. Herb. Ht 0.5–1 m. Alt ?–1035 m. WC

CHASMANTHE N.E.Br. 1306030

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 309.
(2) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 272–274.
(3) De Vos. 1985. *South African Journal of Botany* 51: 253–261.
(4) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 143–147.

aethiopica (L.) N.E.Br.
Antholyza aethiopica L. (3)
Antholyza aethiopica L. var. *immarginata* Thunb. ex Baker (4)
Antholyza aethiopica L. var. *ringens* (Andrews) Baker (4)
Antholyza aethiopica L. var. *vittigera* (Salisb.) Baker (4)
Antholyza floribunda Salisb. (4)
Antholyza ringens in sense of Andrews (4)
Antholyza vittigera Salisb. (4)
C. peglerae N.E.Br. (3)
C. vittigera (Salisb.) N.E.Br. (3)
Petamenes aethiopica (L.) E.Phillips (3)
Petamenes peglerae (N.E.Br.) E.Phillips (3)
Petamenes vittigera (Salisb.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 3–1525 m. WC, EC

bicolor (Gasp.) N.E.Br.
Antholyza aethiopica L. var. *bicolor* (Gasp.) Baker (4)
Antholyza aethiopica L. var. *minor* Lindl. (4)
Antholyza bicolor Gasp. (4)
Petamenes bicolor (Gasp. ex Ten.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? WC

caffra (Baker) N.E.Br. = **Tritoniopsis caffra**

floribunda (Salisb.) N.E.Br. var. **duckittii** G.J.Lewis ex L.Bolus
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt? WC

floribunda (Salisb.) N.E.Br. var. **floribunda**
Antholyza aethiopica in sense of Burm.f. (4)
Antholyza praealta Redouté (4)
Petamenes floribunda (Salisb.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt 15–640 m. NC, WC

fucata (Herb.) N.E.Br. = **Crocosmia fucata**

intermedia (Baker) N.E.Br. = **Tritoniopsis intermedia**

peglerae N.E.Br. = **C. aethiopica**

spectabilis (Schinz) N.E.Br. = **Gladiolus magnificus**

vittigera (Salisb.) N.E.Br. = **C. aethiopica**

CROCANTHUS Klotzsch ex Klatt 1306100

mossambicensis Klotzsch ex Klatt, naked name = **Crocosmia aurea** var. **aurea**

CROCOSMIA Planch. 1306010

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 94.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 152.
(3) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 264.
(4) Milne-Redhead. 1948. *Kew Bulletin* 2: 469.
(5) Goldblatt. 1971. *Journal of South African Botany* 37: 317.
(6) Obermeyer. 1981. *Bothalia* 13 : 463–502.
(7) De Vos. 1984. *Journal of South African Botany* 50: 463–502.
(8) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 129–138.

aurea (Pappe ex Hook.) Planch. var. **aurea**
Babiana aurea Klotzsch (7)
Crocanthus mossambicensis Klotzsch ex Klatt, naked name (7)
Tritonia aurea Pappe ex Hook. (7)
Perennial. Herb, geophyte. Ht 0.45–1.6 m. Alt 100–3000 m. LIM, G, M, S, KZN, L, EC

aurea (Pappe ex Hook.) Planch. var. **maculata** Baker
C. maculata (Baker) N.E.Br. (7)
Perennial. Herb, geophyte. Ht 0.45–1.6 m. Alt 100–3000 m. M, KZN

fucata (Herb.) M.P.de Vos
Chasmanthe fucata (Herb.) N.E.Br. (7)
Petamenes fucata (Herb.) E.Phillips (7)
Tritonia fucata Herb. (7)
Perennial. Herb, geophyte. Ht 1.3–2 m. Alt? NC

maculata (Baker) N.E.Br. = **C. aurea** var. **maculata**

masonorum (L.Bolus) N.E.Br.
Tritonia masonorum L.Bolus (7)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 1000–1615 m. EC

mathewsiana (L.Bolus) Goldblatt
Tritonia mathewsiana L.Bolus (7)
Perennial. Herb, geophyte. Ht 1–2 m. Alt 1500–1700 m. M

paniculata (Klatt) Goldblatt
Antholyza paniculata Klatt (7)
Curtonus paniculatus (Klatt) N.E.Br. (5)
Perennial. Herb, geophyte. Ht 1.2–1.5 m. Alt 610–2135 m. LIM, M, S, FS

pearsei Oberm.
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt 2200–3000 m. FS, KZN, L

pottsii (Macnab ex Baker) N.E.Br.
Gladiolus pottsii Macnab, naked name (7)
Montbretia pottsii Macnab ex Baker (7)
Tritonia pottsii (Macnab ex Baker) Baker (7)
Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 765–1830 m. KZN, EC

CURTONUS N.E.Br. 1306050

paniculatus (Klatt) N.E.Br. = **Crocosmia paniculata**

DEVIA Goldblatt & J.C.Manning 1306090

(1) Goldblatt & Manning. 1990. *Annals of the Missouri Botanical Garden* 77: 359–364.
(2) Goldblatt. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 149, 150.

xeromorpha Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt 1500–1700 m. NC

DIERAMA K.Koch 1303000

(1) Brown. 1929. *Journal of the Royal Horticultural Society* 54: 193–202.
(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 541, 542.
(3) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: t. 836.
(4) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: tt. 845, 855, 874.
(5) Hilliard. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 77–94.
(6) Marais. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 105.
(7) Hilliard & Burtt. 1991. *The hairbells of Africa*: 1–152.

adelphicum Hilliard
Perennial. Herb, geophyte. Ht 0.7–1.2 m. Alt 1700–1920 m. LIM, M, S

ambiguum Hilliard
Perennial. Herb, geophyte. Ht 0.9–1.1 m. Alt ?–1820 m. KZN, EC

argyreum L.Bolus
D. argyreum L.Bolus var. *majus* N.E.Br. (7)
Perennial. Herb, geophyte. Ht 0.65–1.35 m. Alt ?–1830 m. KZN, EC

argyreum L.Bolus var. *majus* N.E.Br. = **D. argyreum**

atrum N.E.Br.
Perennial. Herb, geophyte. Ht 0.75–1.3 m. Alt 915–1830 m. EC

cooperi N.E.Br.
Perennial. Herb, geophyte. Ht 0.6–2 m. Alt ?–2420 m. FS, KZN

davyi N.E.Br. = **D. insigne**

dissimile Hilliard
Perennial. Herb, geophyte. Ht 0.45–0.7 m. Alt 1500–2225 m. KZN, EC

dracomontanum Hilliard
Perennial. Herb, geophyte. Ht 0.3–1.05 m. Alt 1500–2800 m. FS, KZN, L, EC

dubium N.E.Br.
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt? KZN

elatum N.E.Br.
Perennial. Herb, geophyte. Ht ± 1.5 m. Alt? S

erectum Hilliard
Perennial. Herb, geophyte. Ht 1.5–1.65 m. Alt? KZN

floriferum Hilliard
Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt 800–1675 m. M, KZN, EC

formosum Hilliard
Perennial. Herb, geophyte. Ht 0.75–1.65 m. Alt ?–2134 m. M

galpinii N.E.Br.
Perennial. Herb, geophyte. Ht 1–1.5 m. Alt 915–1830 m. M, S, KZN

gracile N.E.Br.
Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt 1200–1615 m. LIM, M

grandiflorum G.J.Lewis
Perennial. Herb, geophyte. Ht 1.3–1.5 m. Alt ?–1295 m. EC

igneum Klatt
D. pansum N.E.Br. (5)
Perennial. Herb, geophyte. Ht 0.5–1.35 m. Alt 15–1830 m. KZN, EC

insigne N.E.Br.
D. davyi N.E.Br. (5)
D. rupestre N.E.Br. (5)
Perennial. Herb, geophyte. Ht 0.65–1.5 m. Alt ?–2100 m. M, S, KZN

jucundum Hilliard
Perennial. Herb, geophyte. Ht 0.8–0.95 m. Alt? L, EC

latifolium N.E.Br.
D. palustre N.E.Br. (7)
Perennial. Herb, geophyte. Ht 0.9–2.5 m. Alt ?–2225 m. KZN, EC

longiflorum G.J.Lewis = **D. pulcherrimum**

luteoalbidum I.Verd.
Perennial. Herb, geophyte. Ht 0.65–1.2 m. Alt ?–1370 m. KZN

medium N.E.Br.
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 1350–2135 m. M, S

medium N.E.Br. var. *mossii* N.E.Br. = **D. mossii**

mobile Hilliard
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt ?–1830 m. M, S

mossii (N.E.Br.) Hilliard
D. medium N.E.Br. var. *mossii* N.E.Br. (5)
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1525 m. G, M, S, KZN

nebrownii Hilliard
Perennial. Herb, geophyte. Ht 0.8–1 m. Alt 1750–2075 m. M

nixonianum Hilliard
Perennial. Herb, geophyte. Ht 0.1–0.75 m. Alt 765–1500 m. KZN

pallidum Hilliard
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1065 m. KZN

palustre N.E.Br. = **D. latifolium**

pansum N.E.Br. = **D. igneum**

pauciflorum N.E.Br.
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt ?–2225 m. M, KZN, EC

pendulum (L.f.) Baker
Perennial. Herb, geophyte. Ht 1–2 m. Alt 90–2000 m. EC

pictum N.E.Br.
Perennial. Herb, geophyte. Ht 0.6–1 m. Alt ?–2500 m. M, S, FS, KZN

pulcherrimum (Hook.f.) Baker
D. longiflorum G.J.Lewis (7)
Perennial. Herb, geophyte. Ht 1–1.8 m. Alt 915–1675 m. EC

pumilum N.E.Br.
Perennial. Herb, geophyte. Ht 0.65–1.35 m. Alt? KZN

reynoldsii I.Verd.
Perennial. Herb, geophyte. Ht 0.8–2 m. Alt 860–1370 m. KZN, EC

robustum N.E.Br.
Perennial. Herb, geophyte. Ht 0.8–2 m. Alt 640–2925 m. FS, KZN, L, EC

rupestre N.E.Br. = **D. insigne**

sertum Hilliard
Perennial. Herb, geophyte. Ht 0.7–1.25 m. Alt ?–490 m. KZN

trichorhizum (Baker) N.E.Br.
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 1200–2700 m. M, KZN, L, EC

tyrium Hilliard
Perennial. Herb, geophyte. Ht 1.2–2 m. Alt 546–1920 m. M, KZN

tysonii N.E.Br.
Perennial. Herb, geophyte. Ht 0.45–0.85 m. Alt 1370–1650 m. KZN

DIETES Salisb. ex Klatt 1265010

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 31.
(2) Obermeyer. 1967. *The Flowering Plants of Africa* 38: tt. 1487, 1488.
(3) Obermeyer. 1969. *The Flowering Plants of Africa* 39: tt. 1524, 1525.
(4) Goldblatt. 1981. *Annals of the Missouri Botanical Garden* 68: 132–153.

bicolor (Steud.) Sweet ex Klatt
Perennial. Herb. Ht 0.7–1 m. Alt 15–610 m. KZN, EC

butcheriana Gerstner
Perennial. Herb. Ht 0.8–1.2 m. Alt ?–1465 m. KZN, EC

flavida Oberm.
Perennial. Herb, geophyte. Ht 0.8–1 m. Alt 60–1219 m. M, S, KZN

grandiflora N.E.Br.
Perennial. Herb. Ht 0.75–1 m. Alt 30–610 m. KZN, EC

iridioides (L.) Sweet ex Klatt
D. vegeta (L.) N.E.Br. (4)
Moraea iridioides L. (4)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–1828 m. LIM, M, S, KZN, WC, EC

vegeta (L.) N.E.Br. = **D. iridioides**

DUTHIASTRUM M.P.de Vos 1306020

(1) De Vos. 1974. *Journal of South African Botany* 40: 301–309.
(2) De Vos. 1975. *Journal of South African Botany* 41: 91.
(3) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 139–141.

linifolium (E.Phillips) M.P.de Vos
Duthiella linifolia (E.Phillips) M.P.de Vos (2)
Syringodea linifolia E.Phillips (2)
Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt ?–1370 m. NW, NC

DUTHIELLA M.P.de Vos 1306060

linifolia (E.Phillips) M.P.de Vos = **Duthiastrum linifolium**

ENGYSIPHON G.J.Lewis 1300010

brevitubus G.J.Lewis = **Geissorhiza brevituba**

exscapus (Thunb.) G.J.Lewis = **Geissorhiza exscapa**

longifolius G.J.Lewis = **Geissorhiza longifolia**

longitubus G.J.Lewis = **Geissorhiza exscapa**

pictus (R.C.Foster) G.J.Lewis in sense of G.J.Lewis = **Geissorhiza bonaspei**

roseoalbus (G.J.Lewis) G.J.Lewis = **Geissorhiza roseoalba**

roseus (Schinz) G.J.Lewis = **Geissorhiza tenella**

schinzii (Baker) G.J.Lewis = **Geissorhiza schinzii**

FERRARIA Burm. ex Mill. 1272000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 66.
(2) Lewis. 1959. *The Flowering Plants of Africa* 33: t. 1316.
(3) De Vos. 1979. *Journal of South African Botany* 45: 295–375.
(4) Goldblatt & Manning. 2002. *Novon* 12: 460–464.

antherosa Ker Gawl. = **F. divaricata** subsp. **divaricata**

bechuanica Baker = **F. glutinosa**

brevifolia G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

crispa Burm. subsp. **crispa**
F. undulata L. (3)
F. vandermerwei L.Bolus (3)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 10–1200 m. WC

crispa Burm. subsp. **nortieri** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

crispulata L.Bolus = **F. uncinata** subsp. **macrochlamys**

densepunctulata M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt? WC

divaricata Sweet subsp. **arenosa** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? NC, WC

divaricata Sweet subsp. **aurea** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–180 m. NC, WC

divaricata Sweet subsp. **australis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 320–1005 m. WC

divaricata Sweet subsp. **divaricata**
F. antherosa Ker Gawl. (3)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 70–930 m. NC, WC

ferrariola (Jacq.) Willd.
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 105–980 m. NC, WC

foliosa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? NC, WC

framesii L.Bolus = **F. uncinata** subsp. **uncinata**

glutinosa (Baker) Rendle
F. bechuanica Baker (3)
F. welwitschii Baker (3)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–950 m. N, B, NW, NC

kamiesbergensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? NC

lugubris Salisb. = **Moraea lugubris**

ovata (Thunb.) Goldblatt & J.C.Manning
Moraea ovata Thunb. (4)
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

schaeferi Dinter
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? N, NC

tristis (L.f.) Salisb. = **Moraea vegeta**

uncinata Sweet subsp. **macrochlamys** (Baker) M.P.de Vos
F. crispulata L.Bolus (3)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–610 m. NC

uncinata Sweet subsp. **uncinata**
F. framesii L.Bolus (3)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 305–915 m. WC

undulata L. = **F. crispa** subsp. **crispa**

vandermerwei L.Bolus = **F. crispa** subsp. **crispa**

welwitschii Baker = **F. glutinosa**

FREESIA Klatt 1316000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 11.
(2) Goldblatt. 1982. *Journal of South African Botany* 48: 39–91.
(3) Goldblatt & Manning. 1995. *Systematic Botany* 20: 161–178.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.
(5) Manning & Goldblatt. 2001. *Bothalia* 31: 189–212.

alba (G.L.Mey.) Gumbl.
Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt 30–610 m. WC

andersoniae L.Bolus
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 915–1420 m. NW, FS, NC

armstrongii Watson = **F. corymbosa**

brevis N.E.Br. = **F. corymbosa**

caryophyllacea (Burm.f.) N.E.Br.
F. elimensis L.Bolus (4)
F. parva N.E.Br. (2)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 73–351 m. WC

corymbosa (Burm.f.) N.E.Br.
F. armstrongii Watson (2)
F. brevis N.E.Br. (2)
F. metelerkampiae L.Bolus (2)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 120–1005 m. WC, EC

elimensis L.Bolus = **F. caryophyllacea**

fergusoniae L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 100–700 m. WC

flava N.E.Br. = **F. speciosa**

framesii L.Bolus = **F. occidentalis**

fucata J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

grandiflora (Baker) Klatt
Anomatheca grandiflora Baker (3)
Lapeirousia grandiflora (Baker) Baker (3)
Perennial. Herb, geophyte. Ht 0.5–0.6 m. Alt 70–1636 m. LIM, NW, G, M, S

hurlingii L.Bolus = **F. refracta**

laxa (Thunb.) Goldblatt & J.C.Manning subsp. **azurea** (Goldblatt & Hutchings) Goldblatt & J.C.Manning
Anomatheca laxa (Thunb.) Goldblatt subsp. *azurea* Goldblatt & Hutchings (3)
Perennial. Geophyte. Ht 0.5–0.15 m. Alt 0–70 m. KZN

laxa (Thunb.) Goldblatt & J.C.Manning subsp. **laxa**
Anomatheca laxa (Thunb.) Goldblatt subsp. *laxa* (3)
Lapeirousia cruenta (Lindl.) Baker (3)
Lapeirousia laxa (Thunb.) N.E.Br. (3)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 10–2160 m. LIM, M, S, KZN, EC

leichtlinii Klatt
F. middlemostii W.F.Barker (2)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt ?–700 m. WC

metelerkampiae L.Bolus = **F. corymbosa**

middlemostii W.F.Barker = **F. leichtlinii**

occidentalis L.Bolus
F. framesii L.Bolus (2)
Perennial. Herb, geophyte. Ht 0.09–0.2 m. Alt ?–1000 m. NC, WC

parva N.E.Br. = **F. caryophyllacea**

refracta (Jacq.) Klatt
F. hurlingii L.Bolus (2)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 5–640 m. WC

sparrmannii (Thunb.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.12–0.18 m. Alt? WC

sparrmannii (Thunb.) N.E.Br. var. *flava* E.Phillips & N.E.Br. = **F. speciosa**

speciosa L.Bolus
F. flava N.E.Br. (2)
F. sparrmannii (Thunb.) N.E.Br. var. *flava* E.Phillips & N.E.Br. (2)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC

verrucosa (Vogel) Goldblatt & J.C.Manning
Anomatheca verrucosa (Vogel in Trew) Goldblatt (3)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. WC, EC

viridis (Aiton) Goldblatt & J.C.Manning
Anomatheca viridis (Aiton) Goldblatt subsp. *crispifolia* Goldblatt (3)
Anomatheca viridis (Aiton) Goldblatt subsp. *viridis* (3)
Lapeirousia viridis (Aiton) L.Bolus (3)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 155–860 m. N, NC, WC

FREUCHENIA Eckl. 1265050

bulbifera Eckl., naked name = **Moraea ramosissima**

GALAXIA Thunb. 1262000

alata Goldblatt = **Moraea angulata**

albiflora G.J.Lewis = **Moraea albiflora**

barnardii Goldblatt = **Moraea barnardiella**

ciliata Pers. = **Moraea pilifolia**

citrina G.J.Lewis = **Moraea citrina**

fenestralis Goldblatt & E.G.H.Oliv. = **Moraea fenestralis**

fugacissima (L.f.) Druce = **Moraea fugacissima**

grandiflora Andrews = **Moraea kamiesensis**

kamiesmontana Goldblatt = **Moraea kamiesmontana**

luteoalba Goldblatt = **Moraea luteoalba**

ovata Thunb. = **Moraea galaxia**

parva Goldblatt = **Moraea minima**

penduncularis Bég. = **Moraea falcifolia**

stagnalis Goldblatt = **Moraea stagnalis**

variabilis G.J.Lewis = **Moraea variabilis**

versicolor Salisb. ex Klatt = **Moraea versicolor**

GEISSORHIZA Ker Gawl. 1300000

(1) Barker. 1938. *The Flowering Plants of South Africa* 18: t. 688.
(2) Foster. 1941. *Contributions from the Gray Herbarium of Harvard University* 135: 1–78.
(3) Goldblatt & Barnard. 1970. *Journal of South African Botany* 36: 291–318.
(4) Goldblatt. 1983. *Nordic Journal of Botany* 3: 437–442.
(5) Goldblatt. 1985. *Annals of the Missouri Botanical Garden* 72: 277–447.
(6) Goldblatt. 1989. *The Flowering Plants of Africa* 50: t. 1996.
(7) Goldblatt & Manning. 1995. *Novon* 5: 156–161.

alticola Goldblatt
Perennial. Herb, geophyte. Ht? Alt ?–1706 m. WC

arenicola Goldblatt
Perennial. Herb, geophyte. Ht? Alt ?–750 m. NC, WC

aspera Goldblatt
G. secunda (P.J.Bergius) Ker Gawl. (4)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 15–1050 m. NC, WC

barkerae Goldblatt
Perennial. Herb, geophyte. Ht? Alt? WC

bicolor (Thunb.) N.E.Br. var. *bicolor* = **G. imbricata** subsp. **bicolor**

bicolor (Thunb.) N.E.Br. var. *macowanii* R.C.Foster = **G. imbricata** subsp. **bicolor**

bolusii Baker
G. dregei Baker (5)
G. rupestris Schltr. (5)
Perennial. Herb, geophyte. Ht up to 0.05 m. Alt 610–1500 m. WC

bonaspei Goldblatt
Engysiphon pictus (R.C.Foster) G.J.Lewis in sense of G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 60–350 m. WC

bracteata Klatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt ?–185 m. WC, EC

brehmii Eckl. ex Klatt
G. teretifolia G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

brevituba (G.J.Lewis) Goldblatt
Engysiphon brevitubus G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

bryicola Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 39–200 m. WC

burchellii R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 345–1350 m. WC

callista Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

cataractarum Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ?–305 m. WC

cedarmontana Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

ciliatula Goldblatt
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt? WC

confusa Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 700–1065 m. WC

corrugata Klatt
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt ?–1220 m. NC

darlingensis Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? WC

delicatula Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.5 m. Alt? WC

divaricata Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC, WC

dregei Baker = **G. bolusii**

elsiae Goldblatt
Perennial. Herb, geophyte. Ht 0.14–0.25 m. Alt? WC

erubescens Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC

esterhuyseniae Goldblatt
Perennial. Herb, geophyte. Ht 0.07–0.08 m. Alt? WC

eurystigma L.Bolus
G. mathewsii L.Bolus var. *eurystigma* (L.Bolus) R.C.Foster (5)
G. monantha Sweet (5)
G. rochensis Ker Gawl. var. *spithamaea* (Ker Gawl.) Baker (5)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? WC

exscapa (Thunb.) Goldblatt
Engysiphon exscapus (Thunb.) G.J.Lewis (6)
Engysiphon longitubus G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 335–1010 m. NC, WC

foliosa Klatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 460–765 m. WC

fourcadei (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 915–1370 m. WC, EC

furva Ker Gawl. ex Baker
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC

geminata E.Mey. ex Baker
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

grandiflora Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–762 m. WC

grandis Hook.f. = **Gladiolus grandiflorus**

hesperanthoides Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 915–1463 m. WC

heterostyla L.Bolus
G. rogersii N.E.Br. (5)
G. rosea (Klatt) R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.12–0.45 m. Alt 12–1675 m. NC, WC, EC

hirta (Thunb.) Ker Gawl. = **G. inconspicua**

hispidula (R.C.Foster) Goldblatt
G. humilis (Thunb.) Ker Gawl. var. *bicolor* Baker (5)
G. humilis (Thunb.) Ker Gawl. var. *hispidula* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt 40–765 m. WC

humilis (Thunb.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–1400 m. WC

humilis (Thunb.) Ker Gawl. var. *bicolor* Baker = **G. hispidula**

humilis (Thunb.) Ker Gawl. var. *hispidula* R.C.Foster = **G. hispidula**

imbricata (D.Delaroche) Ker Gawl. subsp. **bicolor** (Thunb.) Goldblatt
G. bicolor (Thunb.) N.E.Br. var. *bicolor* (5)
G. bicolor (Thunb.) N.E.Br. var. *macowanii* R.C.Foster (5)
G. imbricata (D.Delaroche) Ker Gawl. var. *concolor* Baker (5)
G. rubicunda R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.06–0.25 m. Alt 100–825 m. WC

imbricata (D.Delaroche) Ker Gawl. subsp. **imbricata**
G. sulphurea Schltr. var. *arenicola* R.C.Foster (5)
G. wrightii Baker (5)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt ?–15 m. WC

imbricata (D.Delaroche) Ker Gawl. var. *concolor* Baker = **G. imbricata** subsp. **bicolor**

inaequalis L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–610 m. NC

inconspicua Baker
G. hirta (Thunb.) Ker Gawl. (3)
G. violacea Baker (5)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 200–1420 m. WC, EC

inflexa (D.Delaroche) Ker Gawl.
G. inflexa (D.Delaroche) Ker Gawl. var. *erosa* (Salisb.) Goldblatt (5)
G. quinquangularis Eckl. ex Klatt (3)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 5–975 m. WC

inflexa (D.Delaroche) Ker Gawl. var. *erosa* (Salisb.) Goldblatt = **G. inflexa**

intermedia Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt? WC

ixioides Schltr. = **G. leipoldtii**

juncea (Link) A.Dietr.
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 61–1005 m. WC

juncea (Link) A.Dietr. var. *pallidiflora* (Schltr.) R.C.Foster = **G. scillaris**

kamiesmontana Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? NC

karooica Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt? WC

leipoldtii R.C.Foster
G. ixioides Schltr. (5)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 535–885 m. WC

lewisiae R.C.Foster = **G. monanthos**

lithicola Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

longifolia (G.J.Lewis) Goldblatt
Engysiphon longifolius G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt ?–671 m. WC

louisabolusiae R.C.Foster
G. louisabolusiae R.C.Foster var. *longifolia* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

louisabolusiae R.C.Foster var. *longifolia* R.C.Foster = **G. louisabolusiae**

malmesburiensis R.C.Foster
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? WC

marlothii R.C.Foster = **G. ornithogaloides** subsp. **marlothii**

mathewsii L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.18 m. Alt? WC

mathewsii L.Bolus var. *eurystigma* (L.Bolus) R.C.Foster = **G. eurystigma**

minuta Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.12 m. Alt? WC

monantha Sweet = **G. eurystigma**

monanthos Eckl.
G. lewisiae R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 90–457 m. WC

montana R.C.Foster = **G. ramosa**

namaquensis W.F.Barker
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–765 m. NC

nana Klatt
Perennial. Herb, geophyte. Ht 0.05–0.07 m. Alt? WC

nigromontana Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.16 m. Alt? WC

nubigena Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1829 m. WC

ornithogaloides Klatt subsp. **marlothii** (R.C.Foster) Goldblatt
G. marlothii R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 945–1035 m. WC

ornithogaloides Klatt subsp. **ornithogaloides**
G. ornithogaloides Klatt var. *flava* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 150–1050 m. WC, EC

ornithogaloides Klatt var. *flava* R.C.Foster = **G. ornithogaloides** subsp. **ornithogaloides**

outeniquensis Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

ovalifolia R.C.Foster
Perennial. Herb, geophyte. Ht 0.03–0.09 m. Alt ?–1158 m. WC

ovata (Burm.f.) Asch. & Graebn.
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 20–765 m. WC

pappei Baker
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

parva Baker
Perennial. Herb, geophyte. Ht 0.04–0.12 m. Alt 155–1219 m. WC

patersoniae L.Bolus = **Gladiolus stellatus**

pseudinaequalis Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt ?–915 m. WC

purpurascens Goldblatt
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt? WC

purpureolutea Baker
G. sulphurea Schltr. var. *sulphurea* (5)
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt 75–215 m. WC

pusilla (Andrews) Klatt
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? WC

quadrangula (D.Delaroche) Ker Gawl. = **Gladiolus quadrangulus**

quinquangularis Eckl. ex Klatt = **G. inflexa**

radians (Thunb.) Goldblatt
G. rochensis Ker Gawl. var. *rochensis* (6)
Perennial. Herb, geophyte. Ht 0.08–0.16 m. Alt 90–229 m. WC

ramosa Ker Gawl. ex Klatt
G. montana R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 180–1371 m. WC

rochensis Ker Gawl. var. *rochensis* = **G. radians**

rochensis Ker Gawl. var. *spithamaea* (Ker Gawl.) Baker = **G. eurystigma**

rogersii N.E.Br. = **G. heterostyla**

rosea (Klatt) R.C.Foster = **G. heterostyla**

roseoalba (G.J.Lewis) Goldblatt
Engysiphon roseoalbus (G.J.Lewis) G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 155–885 m. WC, EC

rubicunda R.C.Foster = **G. imbricata** subsp. **bicolor**

rupestris Schltr. = **G. bolusii**

rupicola Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt ± 1250 m. WC

schinzii (Baker) Goldblatt
Engysiphon schinzii (Baker) G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ?–400 m. WC

scillaris A.Dietr.
G. juncea (Link) A.Dictr. var. *pallidiflora* (Schltr.) R.C.Foster (4)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 350–1500 m. WC

scopulosa Goldblatt
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt? WC

secunda (P.J.Bergius) Ker Gawl. = **G. aspera**

setacea (Thunb.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt 10–185 m. WC

silenoides Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ± 1200 m. WC

similis Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt ?–1600 m. WC

spiralis (Burch.) M.P.de Vos ex Goldblatt
Romulea spiralis (Burch.) Baker (5)
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? NC

splendidissima Diels
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? NC

stenosiphon Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

subrigida L.Bolus
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? NC

sulphurascens Schltr. ex R.C.Foster
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt 800–915 m. NC

sulphurea Schltr. var. *arenicola* R.C.Foster = **G. imbricata** subsp. **imbricata**

sulphurea Schltr. var. *sulphurea* = **G. purpureolutea**

tabularis Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt? WC

tenella Goldblatt
Engysiphon roseus (Schinz) G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 15–300 m. WC

teretifolia G.J.Lewis = **G. brehmii**

tulbaghensis F.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–300 m. WC

uliginosa Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. WC

umbrosa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–800 m. WC

unifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

violacea Baker = **G. inconspicua**

wrightii Baker = **G. imbricata** subsp. **imbricata**

GLADIOLUS L. 1311000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 6, 20.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 63, 68.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 116.
(4) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 125.
(5) Phillips. 1925. *The Flowering Plants of South Africa* 5: tt. 163, 165, 175, 182.
(6) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 233, 237, 240.
(7) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 362.
(8) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 768.
(9) Verdoorn. 1940. *The Flowering Plants of South Africa* 20: t. 791.
(10) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 895.
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(13) Lewis. 1947. *The Flowering Plants of Africa* 26: t. 1004.
(14) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1017.
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(17) De Winter. 1958. *The Flowering Plants of Africa* 32: t. 1265.
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(27) Obermeyer. 1978. *The Flowering Plants of Africa* 44: t. 1760.
(28) Goldblatt. 1979. *Journal of South African Botany* 45: 81–89.
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(30) Obermeyer. 1981. *Bothalia* 13: 78.
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abbreviatus Andrews
Antholyza abbreviata (Andrews) Pers. (43)
Homoglossum abbreviatum (Andrews) Goldblatt (36)
Petamenes abbreviatus (Andrews) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? WC

acuminatus F.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 60–155 m. WC

adlamii Baker = **G. dalenii** subsp. **dalenii**

aestivalis Ingram = **G. tristis**

affinis De Wild. = **G. dalenii** subsp. **dalenii**

alatus L.
G. alatus L. var. *algoensis* Herb. (43)
G. algoensis (Herb.) Sweet (43)
Perennial. Herb, geophyte. Ht up to 0.15 m. Alt 30–1200 m. WC

alatus L. var. *algoensis* Herb. = **G. alatus**

alatus L. var. *meliusculus* G.J.Lewis = **G. meliusculus**

alatus L. var. *namaquensis* (Ker Gawl.) Baker = **G. equitans**

alatus L. var. *pulcherrimus* G.J.Lewis = **G. pulcherrimus**

alatus L. var. *speciosus* (Thunb.) G.J.Lewis = **G. speciosus**

albens Goldblatt & J.C.Manning
G. maculatus Sweet subsp. *eburneus* Oberm. (43)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 30–1200 m. EC

albidus Jacq. = **G. carneus**

algoensis (Herb.) Sweet = **G. alatus**

angolensis Welw. ex Baker = **G. dalenii** subsp. **dalenii**

angustus L.
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1219 m. WC

antholyzoides Baker
Antholyza laxiflora Baker (43)
Antholyza schlechteri Baker (43)
G. brachylimbus Baker (43)
G. dalenii in sense of G.J.Lewis *et al.* in part, misapplied name (43)
G. magaliesmontanum F.Bolus (43)
G. strictiflorus L.Bolus, illegitimate name (43)
G. vogtsii L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.6–0.9 m. Alt 1500–2000 m. LIM, G, FS

appendiculatus G.J.Lewis
G. appendiculatus G.J.Lewis var. *longifolius* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 830–1950 m. M, S, KZN

appendiculatus G.J.Lewis var. *longifolius* G.J.Lewis = **G. appendiculatus**

aquamontanus Goldblatt
Perennial. Herb, geophyte. Ht 0.4–1 m. Alt? WC

arcuatus Klatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–825 m. NC, WC

atropictus Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt ?–825 m. WC

aurantiacus Klatt
Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 215–1340 m. G, M, S, KZN

aureus Baker
Homoglossum aureum (Baker) Oberm. (24)
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? WC

barnardii G.J.Lewis = **G. dalenii** subsp. **dalenii**

bicolor Eckl. ex Baker = **G. virescens**

bicolor Thunb. = **Sparaxis villosa**

biflorus Klatt, illegitimate name = **G. quadrangulus**

bilineatus G.J.Lewis
Perennial. Herb, geophyte. Ht? Alt? WC

blackwellii L.Bolus = **G. oppositiflorus**

blandus Aiton = **G. carneus**

blandus Aiton var. *albidus* (Jacq.) Ker Gawl. = **G. carneus**

blandus Aiton var. *campanulatus* (Andrews) Ker Gawl. = **G. carneus**

blandus Aiton var. *excelsus* Ker Gawl. = **G. carneus**

blandus Aiton var. *mortonius* (Herb.) Baker = **G. mortonius**

blandus Aiton var. *purpureo-albescens* Ker Gawl. = **G. carneus**

blommesteinii L.Bolus
G. blommesteinii L.Bolus var. *major* L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–730 m. WC

blommesteinii L.Bolus var. *major* L.Bolus = **G. blommesteinii**

boehmii Vaupel = **G. dalenii** subsp. **dalenii**

bolusii Baker = **G. inflatus**

bolusii Baker var. *burchellii* F.Bolus = **G. rogersii**

bonaspei Goldblatt & M.P.de Vos
Homoglossum merianellum (Thunb.) Baker var. *aureum* G.J.Lewis (43)
Homoglossum merianellum (Thunb.) Baker var. *merianellum* (36)
Petamenes pilosus (Klatt) Goldblatt (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 300–550 m. WC

bowkeri G.J.Lewis = **G. floribundus**

brachylimbus Baker = **G. antholyzoides**

brachyphyllus F.Bolus
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 136–460 m. M, S

brachyscyphus Baker = **G. papilio**

brevifolius Jacq.
G. brevifolius Jacq. var. *minor* G.J.Lewis (43)
G. brevifolius Jacq. var. *obscurus* G.J.Lewis (43)
G. brevifolius Jacq. var. *robustus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 100–915 m. WC

brevifolius Jacq. var. *minor* G.J.Lewis = **G. brevifolius**

brevifolius Jacq. var. *obscurus* G.J.Lewis = **G. brevifolius**

brevifolius Jacq. var. *robustus* G.J.Lewis = **G. brevifolius**

brevitubus G.J.Lewis
Tritonia ventricosa Baker (43)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 345–1400 m. WC

breynianus Ker Gawl. = **G. maculatus**

buckerveldii (L.Bolus) Goldblatt
Antholyza buckerveldii L.Bolus (43)
Petamenes buckerveldii (L.Bolus) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.8–1.2 m. Alt? WC

buettneri Pax = **G. dalenii** subsp. **dalenii**

bullatus Thunb. ex G.J.Lewis
G. spathaceus Pappe ex Baker, illegitimate name (24)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 60–1050 m. WC

burchellii (F.Bolus) Ingram = **G. rogersii**

caeruleus Goldblatt & J.C.Manning
G. gracilis Jacq. var. *latifolius* G.J.Lewis (41)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? WC

caffensis Cufod. = **G. dalenii** subsp. **dalenii**

calcaratus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 1500–2280 m. M

callistus F.Bolus = **G. carneus**

callistus F.Bolus var. *gracilior* F.Bolus = **G. carneus**

calothyrsus Vaupel = **G. dalenii** subsp. **dalenii**

campanulatus Andrews = **G. carneus**

cardinalis Curtis
Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt ?–1220 m. WC

carinatus Aiton
G. nivenii Baker (43)
G. recurvus of author, not of L., concept invalid (43)
G. superans N.E.Br. (43)
G. tenellus Jacq. (43)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 5–1220 m. WC

carinatus Aiton subsp. *parviflorus* G.J.Lewis = **G. griseus**

carmineus C.H.Wright
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 5–10 m. WC

carneus D.Delaroche
G. albidus Jacq. (43)
G. blandus Aiton (24)
G. blandus Aiton var. *albidus* (Jacq.) Ker Gawl. (43)
G. blandus Aiton var. *campanulatus* (Andrews) Ker Gawl. (43)
G. blandus Aiton var. *excelsus* Ker Gawl. (43)
G. blandus Aiton var. *purpureo-albescens* Ker Gawl. (43)
G. callistus F.Bolus (43)

G. callistus F.Bolus var. *gracilior* F.Bolus (43)
G. campanulatus Andrews (43)
G. cordatus Thunb. (43)
G. cuspidatus Jacq. var. *ensifolius* Baker (43)
G. cuspidatus Jacq. var. *ventricosus* (Lam.) Baker (43)
G. excelsus (Ker Gawl.) Sweet (43)
G. eximius Ingram (43)
G. expallescens Schrank (43)
G. lunulatus Klatt (43)
G. macowanianus Klatt (43)
G. pictus Sweet (43)
G. prismatosiphon Schltr. (24)
G. trimaculatus Lam. (43)
G. ventricosus Lam. (43)
G. vinulus Klatt (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 10–1220 m. WC

caryophyllaceus (Burm.f.) Poir.
Antholyza caryophyllacea Burm.f. (43)
G. similis Eckl. (43)
Homoglossum caryphyllaceum (Burm.f.) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 30–920 m. WC

cataractarum Oberm.
Perennial. Herb, geophyte. Ht 0.45–0.7 m. Alt? M

ceresianus L.Bolus
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1130 m. NC, WC

citrinus Klatt = **G. trichonemifolius**

coccineus L.Bolus = **G. dalenii** subsp. **dalenii**

cochleatus Sweet = **G. debilis**

comptonii G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 1770–1829 m. WC

concolor Salisb. = **G. tristis**

confusus N.E.Br. = **G. hyalinus**

conrathii Baker = **G. crassifolius**

cooperi Baker = **G. dalenii** subsp. **dalenii**

cordatus Thunb. = **G. carneus**

corneus Oliv. = **G. dalenii** subsp. **dalenii**

crassifolius Baker
G. conrathii Baker (43)
G. dieterlenii E.Phillips (24)
G. gazensis Rendle (42)
G. junodii Baker (43)
G. masukuensis Baker (42)
G. mosambicensis Baker (42)
G. rachidiflorus Klatt (43)
G. thomsonii Baker (42)
G. tritoniiformis Kuntze (43)
G. unguiculatus in sense of Tredgold & Biegel, misapplied name (42)
Perennial. Herb, geophyte. Ht 0.2–1.2 m. Alt 5–2200 m. LIM, G, M, S, FS, KZN, L, EC

crassifolius in sense of G.J.Lewis *et al.* in part, not of Baker, misapplied name = **G. paludosus**

crispulatus L.Bolus
G. tenuis Baker, illegitimate name (43)
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC

crocatus (L.) Pers. = **Tritonia crocata**

cruentus in sense of G.J.Lewis *et al.* in part, not of T.Moore, misapplied name = **G. flanaganii**

cruentus in sense of Pole Evans, misapplied name = **G. saundersii**

cruentus T.Moore
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? KZN

cunonius (L.) Gaertn.
Anomalesia cunonia (L.) N.E.Br. (43)
Antholyza cunonia L. (43)
Petamenes cunonia (L.) E.Phillips (43)
Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt 5–50 m. WC

cuspidatus Jacq. = **G. undulatus**

cuspidatus Jacq. var. *ensifolius* Baker = **G. carneus**

cuspidatus Jacq. var. *ventricosus* (Lam.) Baker = **G. carneus**

cylindraceus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1905 m. WC

cymbarius Baker = **G. rehmannii**

dalenii in sense of G.J.Lewis *et al.* in part incl. **G. antholyzoides**

dalenii Van Geel subsp. **dalenii**
G. adlamii Baker (43)
G. affinis De Wild. (42)
G. angolensis Welw. ex Baker (42)
G. barnardii G.J.Lewis (42)
G. boehmii Vaupel (42)
G. buettneri Pax (42)
G. caffensis Cufod. (42)
G. calothyrsus Vaupel (42)
G. coccineus L.Bolus (42)
G. cooperi Baker (24)
G. corneus Oliv. (42)
G. dracocephalus Hook.f. (24)
G. fuscoviridis Baker (43)
G. gallaensis Vaupel (42)
G. garnieri Klatt (42)
G. garuanus Vaupel (42)
G. hockii De Wild. (42)
G. ignescens Bojer ex Baker (42)
G. kilimandscharicus Pax (42)
G. leichtlinii Baker (43)
G. leptophyllus L.Bolus (43)
G. louwii L.Bolus (42)
G. luembensis De Wild. (42)
G. luteolus Klatt (42)
G. natalensis Reinw. ex Hook., illegitimate name (42)
G. newii Baker (42)
G. pageae L.Bolus (24)
G. platyphyllus Baker (43)
G. primulinus Baker (42)
G. psittacinus Hook.f. (42)
G. psittacinus Hook.f. var. *cooperi* Baker (42)
G. quartinianus A.Rich. (42)
G. retrocurvus G.J.Lewis (43)
G. saltatorum Baker (42)
G. splendidus Rendle (42)
G. sulphureus Baker (42)
G. taylorianus Rendle (42)
G. tysonii Baker (43)
Watsonia natalensis Eckl. (42)
Perennial. Herb, geophyte. Ht 0.35–1.6 m. Alt 5–2600 m. B, LIM, M, S, FS, KZN, L, EC

davisonii F.Bolus = **G. mortonius**

debilis Sims
G. cochleatus Sweet (43)
G. debilis Sims var. *cochleatus* (Sweet) G.J.Lewis (43)
G. lambda Klatt (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 55–300 m. WC

debilis Sims var. *cochleatus* (Sweet) G.J.Lewis = **G. debilis**

debilis Sims var. *variegatus* G.J.Lewis = **G. variegatus**

dehnianus Merxm. = **G. sericeovillosus** subsp. **calvatus**

delpierrei Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? WC

densiflorus Baker
G. invenustus G.J.Lewis (43)

Perennial. Herb, geophyte. Ht 0.35–1.2 m. Alt 60–1770 m. M, S, KZN

deserticola Goldblatt
Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? NC

dieterlenii E.Phillips = **G. crassifolius**

dolomiticus Oberm.
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt? LIM

dracocephalus Hook.f. = **G. dalenii** subsp. **dalenii**

dregei Klatt = **G. orchidiflorus**

ecklonii Lehm.
G. inclusus F.Bolus (43)
Perennial. Herb, geophyte. Ht 0.25–1 m. Alt 365–2280 m. LIM, M, S, FS, KZN, L, EC

ecklonii Lehm. subsp. *rehmannii* (Baker) Oberm. = **G. rehmannii**

ecklonii Lehm. subsp. *vinosomaculatus* (Kies) Oberm. = **G. vinosomaculatus**

edulis Burch. ex Ker Gawl. = **G. permeabilis** subsp. **edulis**

elliotii Baker
Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 475–2055 m. B, G, M, FS, KZN, L

emiliae L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

engysiphon G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC

equitans Thunb.
G. alatus L. var. *namaquensis* (Ker Gawl.) Baker (24)
G. namaquensis Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 140–1525 m. NC

erectiflorus Baker (1896), illegitimate name = **G. trichonemifolius**

eulophioides F.Bolus = **G. guthriei**

excelsus (Ker Gawl.) Sweet = **G. carneus**

exiguus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–2135 m. M

exilis G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 500–1145 m. WC

eximius Ingram = **G. carneus**

expallescens Schrank = **G. carneus**

fasciatus Roem. & Schult. = **G. grandiflorus**

ferrugineus Goldblatt & J.C.Manning
G. varius F.Bolus var. *micranthus* (Baker) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? M, S

filiformis Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.4–0.5 m. Alt? NW

flanaganii Baker
G. cruentus in sense of G.J.Lewis *et al.* in part, not of T.Moore (31)
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt 2500–3050 m. FS, KZN, L

flavidus Ingram = **G. tristis**

floribundus Jacq.
G. bowkeri G.J.Lewis (43)
G. graminifolius (Baker) G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 5–1200 m. WC, EC

floribundus Jacq. subsp. *fasciatus* (Roem. & Schult.) Oberm. = **G. grandiflorus**

floribundus Jacq. subsp. *milleri* (Ker Gawl.) Oberm. = **G. grandiflorus**

floribundus Jacq. subsp. *miniatus* (Eckl.) Oberm. = **G. miniatus**

floribundus Jacq. subsp. *rudis* (Licht. ex Roem. & Schult.) Oberm. = **G. rudis**

formosus Klatt, illegitimate name = **G. venustus**

fourcadei (L.Bolus) Goldblatt & M.P.de Vos
Antholyza fourcadei L.Bolus (43)
Homoglossum fourcadei (L.Bolus) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 100–1265 m. WC, EC

frederickii L.Bolus = **G. wilsonii**

fulvescens Ingram = **G. tristis**

fuscoviridis Baker = **G. dalenii** subsp. **dalenii**

galeatus Jacq. = **Sparaxis galeata**

gallaensis Vaupel = **G. dalenii** subsp. **dalenii**

garnieri Klatt = **G. dalenii** subsp. **dalenii**

garuanus Vaupel = **G. dalenii** subsp. **dalenii**

gawleri (Baker) Klatt = **G. watsonius**

gazensis Rendle = **G. crassifolius**

geardii L.Bolus
G. geardii L.Bolus var. *uitenhagensis* L.Bolus (43)
G. robustus Goldblatt (43)
Perennial. Herb, geophyte. Ht 0.7–1.2 m. Alt? WC, EC

geardii L.Bolus var. *uitenhagensis* L.Bolus = **G. geardii**

gracilis Jacq.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 15–490 m. WC

gracilis Jacq. var. *latifolius* G.J.Lewis = **G. caeruleus**

graminifolius (Baker) G.J.Lewis = **G. floribundus**

grandiflorus Andrews
Geissorhiza grandis Hook.f. (43)
G. fasciatus Roem. & Schult. (43)
G. floribundus Jacq. subsp. *fasciatus* (Roem. & Schult.) Oberm. (43)
G. floribundus Jacq. subsp. *milleri* (Ker Gawl.) Oberm. (43)
G. milleri Ker Gawl. (43)
G. scaphochlamys Baker (43)
G. socium L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 15–490 m. WC, EC

grandis (Thunb.) Thunb. = **G. liliaceus**

griseus Goldblatt & J.C.Manning
G. carinatus Aiton subsp. *parviflorus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 5–15 m. WC

gueinzii Kunze
Acidanthera brevicollis Baker (43)
G. sabulosus G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt up to 5 m. KZN, WC, EC

guthriei F.Bolus
G. eulophioides F.Bolus (43)
G. odoratus L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC

hibernus Ingram = **G. maculatus**

hirsutus Jacq.
G. pilosus Eckl. (43)
G. punctulatus Schrank var. *autumnalis* G.J.Lewis (43)

G. punctulatus Schrank var. *punctulatus* (43)
G. villosus Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 15–600 m. NC, WC

hirsutus Jacq. var. *tenuiflorus* Klatt = **G. priorii**

hockii De Wild. = **G. dalenii** subsp. **dalenii**

hollandii L.Bolus
G. varius F.Bolus var. *elatus* F.Bolus (24)
Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 855–915 m. LIM, M, S

huttonii (N.E.Br.) Goldblatt & M.P.de Vos
Homoglossum hollandii L.Bolus var. *hollandii* (43)
Homoglossum hollandii L.Bolus var. *zitzikammense* L.Bolus (43)
Homoglossum huttonii N.E.Br. (36)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–685 m. EC

hyalinus Jacq.
G. confusus N.E.Br. (24)
G. strictus Jacq., illegitimate name (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 200–1065 m. NC, WC, EC

ignescens Bojer ex Baker = **G. dalenii** subsp. **dalenii**

inandensis Baker
G. microphyllus Baker (43)
G. microsiphon Baker (43)
G. permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.* in part, misapplied name (43)
G. stenophyllus Baker, illegitimate name (43)
Tritonia teretifolia Baker (43)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 15–490 m. KZN, EC

inclusus F.Bolus = **G. ecklonii**

inflatus Thunb.
G. bolusii Baker (43)
G. inflatus Thunb. var. *louiseae* (L.Bolus) Oberm. (43)
G. louiseae L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–1525 m. WC

inflatus Thunb. subsp. *intermedius* G.J.Lewis = **G. patersoniae**

inflatus Thunb. var. *louiseae* (L.Bolus) Oberm. = **G. inflatus**

inflexus Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–200 m. WC

insolens Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt ± 700 m. WC

invenustus G.J.Lewis = **G. densiflorus**

involutus D.Delaroche
G. muirii L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 90–365 m. WC, EC

jonquilliodorus Eckl. ex G.J.Lewis
Perennial. Herb, geophyte. Ht? Alt? WC

junodii Baker = **G. crassifolius**

kamiesbergensis G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.5 m. Alt? NC

kilimandscharicus Pax = **G. dalenii** subsp. **dalenii**

kirkii Baker = **G. ochroleucus**

lambda Klatt = **G. debilis**

lapeirousioides Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC

leichtlinii Baker = **G. dalenii** subsp. **dalenii**

leptophyllus L.Bolus = **G. dalenii** subsp. **dalenii**

leptosiphon F.Bolus
Radinosiphon leptosiphon (F.Bolus) N.E.Br. (24)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1370 m. WC, EC

liliaceus Houtt.
G. grandis (Thunb.) Thunb. (24)
G. tristis L. var. *grandis* Thunb. (43)
G. versicolor Andrews (43)
G. versicolor Andrews var. *major* Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt 120–1525 m. WC, EC

linearis (L.f.) N.E.Br. = **G. quadrangulus**

lithicola Goldblatt & J.C.Manning, illegitimate name = **G. saxatilis**

longicollis Baker subsp. **longicollis**
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 25–1050 m. FS, KZN, L, WC, EC

longicollis Baker subsp. **platypetalus** (Baker) Goldblatt & J.C.Manning
G. longicollis Baker var. *platypetalus* (Baker) Oberm. (43)
G. praelongitubus G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 300–2000 m. LIM, M, S, KZN

longicollis Baker var. *platypetalus* (Baker) Oberm. = **G. longicollis** subsp. **platypetalus**

loteniensis Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ± 1800 m. KZN

louiseae L.Bolus = **G. inflatus**

louwii L.Bolus = **G. dalenii** subsp. **dalenii**

ludwigii Pappe ex Baker var. *calvatus* Baker = **G. sericeovillosus** subsp. **calvatus**

ludwigii Pappe ex Baker var. *ludwigii* = **G. sericeovillosus** subsp. **sericeovillosus**

luembensis De Wild. = **G. dalenii** subsp. **dalenii**

lunulatus Klatt = **G. carneus**

luteolus Klatt = **G. dalenii** subsp. **dalenii**

luteus Klatt, illegitimate name = **G. virescens**

macneilii Oberm.
Perennial. Herb, geophyte. Ht 0.7–0.9 m. Alt? M

macowanianus Klatt = **G. carneus**

macowanii Baker = **G. mortonius**

maculatus Sweet
G. breynianus Ker Gawl. (43)
G. hibernus Ingram (43)
G. maculatus Sweet subsp. *hibernus* (Ingram) Oberm. (43)
G. vaginatus F.Bolus var. *fergusoniae* L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–1370 m. WC, EC

maculatus Sweet subsp. *eburneus* Oberm. = **G. albens**

maculatus Sweet subsp. *hibernus* (Ingram) Oberm. = **G. maculatus**

maculatus Sweet subsp. *meridionalis* (G.J.Lewis) Oberm. = **G. meridionalis**

magaliesmontanum F.Bolus = **G. antholyzoides**

magnificus (Harms) Goldblatt
Antholyza magnifica Harms (42)

Antholyza spectabilis Schinz (42)
Antholyza zambesiaca Baker (42)
Chasmanthe spectabilis (Schinz) N.E.Br. (43)
Oenostachys zambesiacus (Baker) Goldblatt (36)
Petamenes magnificus (Harms) R.C.Foster (42)
Petamenes spectabilis (Schinz) E.Phillips (43)
Petamenes zambesiacus (Baker) N.E.Br. (42)
Perennial. Herb, geophyte. Ht 0.8–1.4 m. Alt ?–1005 m. B

malvinus Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.55–0.7 m. Alt ± 2000 m. M

marginatus F.Bolus, illegitimate name = **G. rufomarginatus**

marlothii G.J.Lewis
Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt ± 765 m. NC

martleyi L.Bolus
G. pillansii G.J.Lewis var. *pillansii* (43)
G. pillansii G.J.Lewis var. *roseus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 15–1200 m. NC, WC

masoniorum C.H.Wright = **G. ochroleucus**

masukuensis Baker = **G. crassifolius**

meliusculus (G.J.Lewis) Goldblatt & J.C.Manning
G. alatus L. var. *meliusculus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt 35–150 m. WC

meridionalis G.J.Lewis
G. maculatus Sweet subsp. *meridionalis* (G.J.Lewis) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC, EC

microcarpus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.45–0.55 m. Alt 1800–2256 m. FS, KZN

microcarpus G.J.Lewis subsp. *italaensis* Oberm. = **G. scabridus**

microphyllus Baker = **G. inandensis**

microsiphon Baker = **G. inandensis**

milleri Ker Gawl. = **G. grandiflorus**

miniatus Eckl.
G. floribundus Jacq. subsp. *miniatus* (Eckl.) Oberm. (41)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 10–30 m. WC

modestus Ingram = **G. recurvus**

monticola G.J.Lewis ex Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 15–50 mm. Alt 400–915 m. WC

mortonius Herb.
G. blandus Aiton var. *mortonius* (Herb.) Baker (43)
G. davisonii F.Bolus (43)
G. macowanii Baker (43)
G. ochroleucus Baker var. *macowanii* (Baker) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? EC

mosambicensis Baker = **G. crassifolius**

mostertiae L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC

muirii L.Bolus = **G. involutus**

muirii L.Bolus, illegitimate name = **G. mutabilis**

mutabilis G.J.Lewis
G. muirii L.Bolus, illegitimate name (43)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 275–765 m. WC, EC

namaquensis Ker Gawl. = **G. equitans**

natalensis Reinw. ex Hook., illegitimate name = **G. dalenii** subsp. **dalenii**

nerineoides G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 500–1500 m. WC

newii Baker = **G. dalenii** subsp. **dalenii**

nigromontanus Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

nivenii Baker = **G. carinatus**

nudus N.E.Br. = **G. woodii**

oatesii Rolfe
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 500–1500 m. B, LIM, G

ochroleucus Baker
G. kirkii Baker (43)
G. masoniorum C.H.Wright (43)
G. reductus Baker (43)
G. stanfordiae L.Bolus (43)
G. triangularis G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 15–1675 m. KZN, EC

ochroleucus Baker var. *macowanii* (Baker) Oberm. = **G. mortonius**

odoratus L.Bolus = **G. guthriei**

odorus Schrank, illegitimate name = **Sparaxis fragrans**

oppositiflorus Herb.
G. blackwellii L.Bolus (43)
G. oppositiflorus Herb. subsp. *salmoneus* (Baker) Oberm. (43)
G. salmoneus Baker (43)
Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 90–1525 m. KZN, EC

oppositiflorus Herb. subsp. *salmoneus* (Baker) Oberm. = **G. oppositiflorus**

orchidiflorus Andrews
G. dregei Klatt (43)
G. viperatus Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 30–1450 m. FS, NC, WC

oreocharis Schltr.
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–1981 m. WC

ornatus Klatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 20–115 m. WC

overbergensis Goldblatt & M.P.de Vos
Antholyza guthriei L.Bolus (43)
Homoglossum guthriei (L.Bolus) L.Bolus (43)
Petamenes guthriei (L.Bolus) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? WC

pageae L.Bolus = **G. dalenii** subsp. **dalenii**

paludosus Baker
G. crassifolius in sense of G.J.Lewis *et al.* in part, not of Baker, misapplied name (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? M, S

papilio Hook.f.
G. brachyscyphus Baker (43)
G. purpureo-auratus Hook.f. (43)
G. schlechteri Baker (43)
G. spathulatus Baker (43)
Perennial. Herb, geophyte. Ht 0.3–1.2 m. Alt 5–2350 m. M, S, FS, KZN, L, EC

pardalinus Goldblatt & J.C.Manning
G. woodii in sense of G.J.Lewis *et al.* in part, misapplied name (43)
Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? LIM

parvulus Schltr.
G. subaphyllus N.E.Br. (24)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 460–2440 m. KZN, L, EC

patersoniae F.Bolus
G. inflatus Thunb. subsp. *intermedius* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 100–1500 m. WC

pavonia Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? LIM

permeabilis D.Delaroche subsp. **edulis** (Burch. ex Ker Gawl.) Oberm.
G. edulis Burch. ex Ker Gawl. (24)
G. remotiflorus Baker (42)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 155–2440 m. N, B, LIM, G, S, FS, KZN, L

permeabilis D.Delaroche subsp. **permeabilis**
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 85–975 m. WC

permeabilis D.Delaroche subsp. *wilsonii* (Baker) G.J.Lewis = **G. wilsonii**

permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.* in part, misapplied name = **G. inandensis**

permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.* in part, misapplied name = **G. wilsonii**

phoenix Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC

pictus Sweet = **G. carneus**

pillansii G.J.Lewis var. *pillansii* = **G. martleyi**

pillansii G.J.Lewis var. *roseus* G.J.Lewis = **G. martleyi**

pilosus Eckl. = **G. hirsutus**

platyphyllus Baker = **G. dalenii** subsp. **dalenii**

pole-evansii I.Verd.
Perennial. Herb, geophyte. Ht 0.6–1.1 m. Alt ?–1065 m. M

pottsii Macnab, naked name = **Crocosmia pottsii**

praecox Andrews = **G. watsonius**

praelongitubus G.J.Lewis = **G. longicollis** subsp. **platypetalus**

pretoriensis Kuntze
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1525 m. NW, G

primulinus Baker = **G. dalenii** subsp. **dalenii**

priorii (N.E.Br.) Goldblatt & M.P.de Vos
Antholyza priorii N.E.Br. (43)
G. hirsutus Jacq. var. *tenuiflorus* Klatt (43)
Homoglossum priorii (N.E.Br.) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 10–500 m. WC

prismatosiphon Schltr. = **G. carneus**

pritzelii Diels
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 700–1920 m. WC

pritzelii Diels var. *sufflavus* G.J.Lewis = **G. sufflavus**

psittacinus Hook.f. = **G. dalenii** subsp. **dalenii**

psittacinus Hook.f. var. *cooperi* Baker = **G. dalenii** subsp. **dalenii**

pubescens Baker, illegitimate name = **G. pubigerus**

pubigerus G.J.Lewis
G. pubescens Baker, illegitimate name (43)
G. pugioniformis Hilliard & B.L.Burtt (38)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1950 m. M, S, KZN, EC

pugioniformis Hilliard & B.L.Burtt = **G. pubigerus**

pulchellus Eckl. ex Klatt = **G. virescens**

pulcherrimus (G.J.Lewis) Goldblatt & J.C.Manning
G. alatus L. var. *pulcherrimus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 500–1500 m. WC

punctulatus Schrank var. *autumnalis* G.J.Lewis = **G. hirsutus**

punctulatus Schrank var. *punctulatus* = **G. hirsutus**

purpureo-auratus Hook.f. = **G. papilio**

quadrangularis (Burm.f.) Ker Gawl.
Antholyza quadrangularis Burm.f. (43)
Homoglossum quadrangulare (Burm.f.) N.E.Br. (36)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–1065 m. WC

quadrangulus (D.Delaroche) Barnard
Geissorhiza quadrangula (D.Delaroche) Ker Gawl. (43)
G. biflorus Klatt, illegitimate name (43)
G. linearis (L.f.) N.E.Br. (43)
Ixia linearis L.f. (43)
Ixia quadrangula D.Delaroche (43)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

quartinianus A.Rich. = **G. dalenii** subsp. **dalenii**

rachidiflorus Klatt = **G. crassifolius**

recurvus L.
G. modestus Ingram (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

recurvus of author, not of L., concept invalid = **G. carinatus**

reductus Baker = **G. ochroleucus**

rehmannii Baker
G. cymbarius Baker (43)
G. ecklonii Lehm. subsp. *rehmannii* (Baker) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? B, NW, G

remotiflorus Baker = **G. permeabilis** subsp. **edulis**

retrocurvus G.J.Lewis = **G. dalenii** subsp. **dalenii**

rhodanthus J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ± 1800 m. WC

rigidifolius Baker = **G. sericeovillosus** subsp. **calvatus**

robertsoniae F.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1790 m. M, FS

robustus Goldblatt = **G. geardii**

rogersii Baker
G. bolusii Baker var. *burchellii* F.Bolus (43)
G. burchellii (F.Bolus) Ingram (43)
G. rogersii Baker var. *graminifolius* G.J.Lewis (43)
G. rogersii Baker var. *vlokii* Goldblatt (43)
Perennial. Herb, geophyte. Ht 0.3–1 m. Alt 10–1525 m. WC

rogersii Baker var. *graminifolius* G.J.Lewis = **G. rogersii**

rogersii Baker var. *vlokii* Goldblatt = **G. rogersii**

roseovenosus Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

rubellus Goldblatt
Perennial. Geophyte. Ht 0.25–0.6 m. Alt? B

rudis Licht. ex Roem. & Schult.
G. floribundus Jacq. subsp. *rudis* (Licht. ex Roem. & Schult.) Oberm. (43)
G. vomerculus Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

rufomarginatus G.J.Lewis
G. marginatus F.Bolus, illegitimate name (43)
Perennial. Herb, geophyte. Ht 0.35–0.75 m. Alt ?–1585 m. M

sabulosus G.J.Lewis = **G. gueinzii**

saccatus (Klatt) Goldblatt & M.P.de Vos
Anomalesia saccata (Klatt) Goldblatt (36)
Antholyza duftii Schinz (43)
Antholyza steingroeveri Pax (43)
G. saccatus (Klatt) Goldblatt & M.P.de Vos subsp. *steingroeveri* (Klatt) Goldblatt & M.P.de Vos (43)
Kentrosiphon duftii (Schinz) N.E.Br. (43)
Kentrosiphon gracilis N.E.Br. (43)
Kentrosiphon propinquus N.E.Br. (43)
Kentrosiphon saccatus (Klatt) N.E.Br. (43)
Kentrosiphon saccatus (Klatt) N.E.Br. subsp. *steingroeveri* (Pax) Oberm. (43)
Kentrosiphon steingroeveri (Pax) N.E.Br. (43)
Petamenes duftii (Schinz) E.Phillips (43)
Petamenes gracilis (N.E.Br.) E.Phillips (43)
Petamenes saccatus (Klatt) E.Phillips (43)
Petamenes steingroeveri (Pax) E.Phillips (43)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 185–765 m. N, NC, WC

saccatus (Klatt) Goldblatt & M.P.de Vos subsp. *steingroeveri* (Klatt) Goldblatt & M.P.de Vos = **G. saccatus**

salmoneus Baker = **G. oppositiflorus**

saltatorum Baker = **G. dalenii** subsp. **dalenii**

salteri G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt? NC

saundersii Hook.f.
G. cruentus in sense of Pole Evans, misapplied name (43)
G. spectabilis Baker (43)
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt ?–2745 m. FS, KZN, L, EC

saxatilis Goldblatt & J.C.Manning
G. lithicola Goldblatt & J.C.Manning (44)
Perennial. Herb, geophyte. Ht 0.45–0.8 m. Alt? M

scabridus Goldblatt & J.C.Manning
G. microcarpus G.J.Lewis subsp. *italaensis* Oberm. (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? KZN, M, S

scaphochlamys Baker = **G. grandiflorus**

schlechteri Baker = **G. papilio**

scullyi Baker
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 61–1450 m. NC, WC

scullyi in sense of G.J.Lewis *et al.* in part, misapplied name = **G. venustus**

sekukuniensis P.Winter
Perennial. Herb, geophyte. Ht 0.6–1.1 m. Alt? LIM

sempervirens G.J.Lewis
G. splendens Baker, illegitimate name (24)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 914–1065 m. WC, EC

sericeovillosus Hook.f. forma *calvatus* (Baker) Oberm. = **G. sericeovillosus** subsp. **calvatus**

sericeovillosus Hook.f. subsp. **calvatus** (Baker) Goldblatt
G. dehnianus Merxm. (42)
G. ludwigii Pappe ex Baker var. *calvatus* Baker (39)
G. rigidifolius Baker (43)
G. sericeovillosus Hook.f. forma *calvatus* (Baker) Oberm. (39)
G. sericeovillosus Hook.f. var. *glabrescens* L.Bolus (42)
Perennial. Herb, geophyte. Ht 0.35–0.9 m. Alt? LIM, M

sericeovillosus Hook.f. subsp. **sericeovillosus**
G. ludwigii Pappe ex Baker var. *ludwigii* (24)
G. sericeovillosus Hook.f. var. *ludwigii* Pappe ex Baker (43)
G. sericeovillosus Hook.f. var. *rubicundus* Kuntze (43)
Perennial. Herb, geophyte. Ht 0.5–1.1 m. Alt 60–1980 m. M, S, FS, KZN, EC

sericeovillosus Hook.f. var. *glabrescens* L.Bolus = **G. sericeovillosus** subsp. **calvatus**

sericeovillosus Hook.f. var. *ludwigii* Pappe ex Baker = **G. sericeovillosus** subsp. **sericeovillosus**

sericeovillosus Hook.f. var. *rubicundus* Kuntze = **G. sericeovillosus** subsp. **sericeovillosus**

serpenticola Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? M, S

similis Eckl. = **G. caryophyllaceus**

socium L.Bolus = **G. grandiflorus**

spathaceus Pappe ex Baker, illegitimate name = **G. bullatus**

spathulatus Baker = **G. papilio**

speciosus Thunb.
G. alatus L. var. *speciosus* (Thunb.) G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? NC, WC

spectabilis Baker = **G. saundersii**

splendens Baker, illegitimate name = **G. sempervirens**

splendens (Sweet) Herb.
Anomalesia splendens (Sweet) N.E.Br. (36)
Petamenes splendens (Sweet) E.Phillips (43)
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 670–1000 m. NC

splendidus Rendle = **G. dalenii** subsp. **dalenii**

stanfordiae L.Bolus = **G. ochroleucus**

stefaniae Oberm.
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

stellatus G.J.Lewis
Geissorhiza patersoniae L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 15–1065 m. WC, EC

stenophyllus Baker, illegitimate name = **G. inandensis**

stokoei G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? WC

strictiflorus L.Bolus, illegitimate name = **G. antholyzoides**

strictus Jacq., illegitimate name = **G. hyalinus**

subaphyllus N.E.Br. = **G. parvulus**

subcaeruleus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 13–150 m. WC

sufflavus (G.J.Lewis) Goldblatt & J.C.Manning
G. pritzelii Diels var. *sufflavus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? NC

sulphureus Baker = **G. dalenii** subsp. **dalenii**

superans N.E.Br. = **G. carinatus**

symmetranthus G.J.Lewis = **G. trichonemifolius**

symonsii F.Bolus
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 1800–2590 m. KZN, L

taubertianus Schltr.
Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? WC

taylorianus Rendle = **G. dalenii** subsp. **dalenii**

templemannii Klatt = **G. virescens**

tenellus in sense of G.J.Lewis *et al.*, not of Jacq., misapplied name = **G. trichonemifolius**

tenellus Jacq. = **G. carinatus**

tenuis Baker, illegitimate name = **G. crispulatus**

teretifolius Goldblatt & M.P.de Vos
Antholyza muirii L.Bolus (43)
Homoglossum muirii (L.Bolus) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–90 m. WC

thomsonii Baker = **G. crassifolius**

triangularis G.J.Lewis = **G. ochroleucus**

trichonemifolius Ker Gawl.
G. citrinus Klatt (43)
G. erectiflorus Baker (1896), illegitimate name (43)
G. symmetranthus G.J.Lewis (43)
G. tenellus in sense of G.J.Lewis *et al.*, not of Jacq., misapplied name (43)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? WC

trichostachys Baker = **G. woodii**

trimaculatus Lam. = **G. carneus**

tristis L.
G. aestivalis Ingram (43)
G. concolor Salisb. (43)
G. flavidus Ingram (43)
G. fulvescens Ingram (24)
G. tristis L. var. *aestivalis* (Ingram) G.J.Lewis (43)
G. tristis L. var. *concolor* (Salisb.) Baker (43)
Perennial. Herb, geophyte. Ht 0.45–1.5 m. Alt 10–1700 m. WC, EC

tristis L. var. *aestivalis* (Ingram) G.J.Lewis = **G. tristis**

tristis L. var. *concolor* (Salisb.) Baker = **G. tristis**

tristis L. var. *grandis* Thunb. = **G. liliaceus**

tritoniiformis Kuntze = **G. crassifolius**

tysonii Baker = **G. dalenii** subsp. **dalenii**

uitenhagensis Goldblatt & Vlok
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? EC

undulatus L.
G. cuspidatus Jacq. (43)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 15–765 m. NC, WC

unguiculatus in sense of Tredgold & Biegel, misapplied name = **G. crassifolius**

unguiculatus of author, not of Baker, concept invalid = **G. oatesii**

uysiae L.Bolus ex G.J.Lewis
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt 185–920 m. NC

vaginatus F.Bolus
G. vaginatus F.Bolus subsp. *subtilis* Oberm. (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 15–227 m. WC

vaginatus F.Bolus subsp. *subtilis* Oberm. = **G. vaginatus**

vaginatus F.Bolus var. *fergusoniae* L.Bolus = **G. maculatus**

vandermerwei (L.Bolus) Goldblatt & M.P.de Vos
Antholyza vandermerwei L.Bolus (43)
Homoglossum vandermerwei (L.Bolus) L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–60 m. WC

variegatus (G.J.Lewis) Goldblatt & J.C.Manning
G. debilis Sims var. *variegatus* G.J.Lewis (41)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

varius F.Bolus
G. varius F.Bolus var. *brevifolius* F.Bolus (43)
Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 485–2400 m. M, S

varius F.Bolus var. *brevifolius* F.Bolus = **G. varius**

varius F.Bolus var. *elatus* F.Bolus = **G. hollandii**

varius F.Bolus var. *micranthus* (Baker) Oberm. = **G. ferrugineus**

ventricosus Lam. = **G. carneus**

venustus G.J.Lewis
G. formosus Klatt, illegitimate name (43)
G. scullyi in sense of G.J.Lewis *et al.* in part, misapplied name (43)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? NC, WC

vernus Oberm.
Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt ?–1500 m. M, KZN

versicolor Andrews = **G. liliaceus**

versicolor Andrews var. *major* Ker Gawl. = **G. liliaceus**

vigilans Barnard
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

villosus Burm.f. = **Sparaxis villosa**

villosus Ker Gawl. = **G. hirsutus**

vinosomaculatus Kies
G. ecklonii Lehm. subsp. *vinosomaculatus* (Kies) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.5–0.65 m. Alt? G, M

vinulus Klatt = **G. carneus**

violaceolineatus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? WC

viperatus Ker Gawl. = **G. orchidiflorus**

virescens Thunb.
G. bicolor Eckl. ex Baker (24)
G. luteus Klatt, illegitimate name (43)
G. pulchellus Eckl. ex Klatt (43)
G. templemannii Klatt (43)
G. virescens Thunb. var. *lepidus* G.J.Lewis (43)
G. virescens Thunb. var. *roseovenosus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 305–915 m. WC, EC

virescens Thunb. var. *lepidus* G.J.Lewis = **G. virescens**

virescens Thunb. var. *roseovenosus* G.J.Lewis = **G. virescens**

virgatus Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? WC

viridiflorus G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? NC, WC

vogtsii L.Bolus = **G. antholyzoides**

vomerculus Ker Gawl. = **G. rudis**

watermeyeri L.Bolus
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–700 m. NC, WC

watsonius Thunb.
Antholyza acuminata N.E.Br. (43)
Antholyza revoluta in sense of Baker var. *gawleri* (Baker) Baker, misapplied name (43)
Antholyza watsonia (Thunb.) Pax (43)
G. gawleri (Baker) Klatt (43)
G. praecox Andrews (43)
G. watsonius Thunb. var. *maculosus* M.P.de Vos & Goldblatt (43)
Homoglossum acuminatum (N.E.Br.) N.E.Br. (43)
Homoglossum flexicaule N.E.Br. (43)
Homoglossum gawleri (Baker) N.E.Br. (43)

Homoglossum praecox (Andrews) Salisb. (43)
Homoglossum revolutum in sense of Baker var. *gawleri* Baker, misapplied name (43)
Homoglossum watsoniun (Thunb.) N.E.Br. (36)
Watsonia praecox (Andrews) Pers. (43)
Watsonia revoluta Pers. (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 61–610 m. WC

watsonius Thunb. var. *maculosus* M.P.de Vos & Goldblatt = **G. watsonius**

wilsonii (Baker) Goldblatt & J.C.Manning
G. frederickii L.Bolus (43)
G. permeabilis D.Delaroche subsp. *wilsonii* (Baker) G.J.Lewis (43)
G. permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.* in part, misapplied name (43)
Tritonia wilsonii Baker (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? EC

woodii Baker
G. nudus N.E.Br. (43)
G. trichostachys Baker (43)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 520–2103 m. G, M, S, FS, KZN

woodii in sense of G.J.Lewis *et al.* in part, misapplied name = **G. pardalinus**

GYNANDRIRIS Parl. 1265020

anomala Goldblatt = **Moraea contorta**
apetala (L.Bolus) R.C.Foster = **Moraea cooperi**
australis Goldblatt = **Moraea australis**
cladostachya (Baker) R.C.Foster = **Moraea simulans**
hesperantha Goldblatt = **Moraea hesperantha**
longiflora (Ker Gawl.) R.C.Foster = **Moraea longiflora**
pritzeliana (Diels) Goldblatt = **Moraea pritzeliana**
rogersii (Baker) R.C.Foster = **Moraea setifolia**
setifolia (L.f.) R.C.Foster = **Moraea setifolia**
simulans (Baker) R.C.Foster = **Moraea simulans**
spiralis (N.E.Br.) R.C.Foster = **Moraea herrei**
stenocarpa (Schltr.) R.C.Foster = **Moraea cooperi**
torta (L.Bolus) R.C.Foster = **Moraea pritzeliana**

HEBEA L.Bolus 1312011

dodii G.J.Lewis = **Tritoniopsis dodii**

HELIXYRA Salisb. 1265021

flava Salisb. = **Moraea longiflora**
longiflora (Ker Gawl.) N.E.Br. = **Moraea longiflora**
simulans (Baker) N.E.Br. = **Moraea simulans**

HESPERANTHA Ker Gawl. 1301000

(1) Baker. 1877. *Journal of the Linnean Society, Botany* 16: 61–180.
(2) Baker. 1892. *Handbook of the Irideae*: 147–152.
(3) Lewis. 1938. *The Flowering Plants of South Africa* 18: t. 682.
(4) Foster. 1948. *Contributions from the Gray Herbarium of Harvard University* 166: 3–27.
(5) Goldblatt & Barnard. 1970. *Journal of South African Botany* 36: 291–318.
(6) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 284–325.
(7) Obermeyer. 1979. *The Flowering Plants of Africa* 46: t. 1810.
(8) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 247–298.
(9) Goldblatt. 1984. *Journal of South African Botany* 50: 15–141.
(10) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 407–438.
(11) Goldblatt. 1987. *South African Journal of Botany* 53: 459–463.
(12) Goldblatt & Manning. 1996. *Novon* 6: 262–264.

acuta (Licht. ex Roem. & Schult.) Ker Gawl.
H. tugwellae R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt 155–750 m. NC, WC

alborosea Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? KZN

angusta Ker Gawl. = **H. bachmannii**

bachmannii Baker
H. angusta Ker Gawl. (9)
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt 60–1465 m. NC, WC, EC

baurii Baker subsp. **baurii**
H. subexerta Baker (10)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 60–2865 m. M, S, FS, KZN, L, EC

baurii Baker subsp. **formosa** Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt ?–2850 m. FS, KZN, L

bracteolata R.C.Foster = **H. pilosa**

brevicaulis (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ± 1600 m. LIM, M

brevifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–914 m. WC

buhrii L.Bolus = **H. cucullata**

bulbifera Baker
Perennial. Herb, geophyte. Ht? Alt ?–2200 m. LIM, NW, M, EC

candida Baker
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ?–2745 m. M, FS, KZN, L, EC

cedarmontana Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. WC

ciliolata Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. NC, WC

coccinea (Backh. & Harv.) Goldblatt & J.C.Manning
Schizostylis coccinea Backh. & Harv. (12)
Schizostylis pauciflora Klatt (12)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 250–2745 m. LIM, G, M, S, FS, KZN, L, EC

crocopsis Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? L

cucullata Klatt
H. buhrii L.Bolus (7)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 145–1675 m. NC, WC

curvula Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 2000–2470 m. KZN

elsiae Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.3 m. Alt? WC

erecta (Baker) Benth. ex Baker
Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt? WC

falcata (L.f.) Ker Gawl.
H. linearis (Jacq.) Fourc. (9)
H. lutea Eckl. ex Baker (9)
H. pallida Eckl. (9)
H. pentheri Baker (9)
H. trifolia R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 5–900 m. WC, EC

fibrosa Baker
Perennial. Herb, geophyte. Ht 0.08–0.17 m. Alt ?–45 m. WC

flava G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? NC, WC

flexuosa Klatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC

glareosa Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt ?–3200 m. FS, KZN, L

gracilis Baker
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? KZN

graminifolia Sweet. = **H. spicata** subsp. **graminifolia**

grandiflora G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–2940 m. FS, KZN, L, EC

hantamensis Schltr. ex R.C.Foster
Perennial. Herb, geophyte. Ht up to 0.05 m. Alt? NC

humilis Baker
Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt 915–1450 m. NC, WC

hutchingsiae Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht ± 0.3 m. Alt? EC

huttonii (Baker) Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 900–1300 m. EC

hygrophila Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–2670 m. KZN, L

inflexa in sense of R.C.Foster = **H. vaginata**

ingeliensis Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.12–0.18 m. Alt? KZN, EC

juncifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

karooica Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? WC

lactea Baker
Perennial. Herb, geophyte. Ht 0.46–0.5 m. Alt 5–600 m. KZN, EC

latifolia (Klatt) M.P.de Vos
H. pearsonii R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.04–0.18 m. Alt? NC

linearis (Jacq.) Fourc. = **H. falcata**

longicollis Baker
H. sabiensis N.E.Br. ex R.C.Foster (7)
H. widmeri P.Beauv. (7)
Perennial. Herb, geophyte. Ht 0.25–0.3 m. Alt ?–1525 m. B, G, M, S

longituba (Klatt) Baker
Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt 155–2440 m. FS, L, EC

lutea Eckl. ex Baker = **H. falcata**

luticola Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–1585 m. NC

marlothii R.C.Foster
Perennial. Herb, geophyte. Ht 0.04–0.25 m. Alt 795–1430 m. NC, WC

minima (Baker) R.C.Foster
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt ± 1200 m. NC

modesta Baker
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? KZN, EC

montigena Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 1200–2000 m. WC

muirii (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 90–200 m. WC

namaquana Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? WC

oligantha (Diels) Goldblatt
Perennial. Herb, geophyte. Ht 0.06–0.08 m. Alt ± 1300 m. NC

pallescens Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

pallida Eckl. = **H. falcata**

pauciflora (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.25 m. Alt 640–1065 m. NC

pearsonii R.C.Foster = **H. latifolia**

pentheri Baker = **H. falcata**

pilosa (L.f.) Ker Gawl.
H. bracteolata R.C.Foster (9)
H. puberula R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 25–1700 m. NC, WC

pilosa (L.f.) Ker Gawl. subsp. *latifolia* Goldblatt = **H. pseudopilosa**

pseudopilosa Goldblatt
H. pilosa (L.f.) Ker Gawl. subsp. *latifolia* Goldblatt (11)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1280 m. NC, WC

puberula R.C.Foster = **H. pilosa**

pubinervia Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ± 2000 m. FS, KZN

pulchra Baker
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 305–1525 m. KZN, EC

purpurea Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? NC

quadrangula Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC

radiata (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 20–2990 m. M, S, FS, KZN, L, NC, WC, EC

rivulicola Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 820–1130 m. NC

rupestris N.E.Br. ex R.C.Foster
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 1800–2000 m. M

sabiensis N.E.Br. ex R.C.Foster = **H. longicollis**

saldanhae Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

schelpeana Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht up to 0.1 m. Alt ?–3355 m. KZN, L

schlechteri (Baker) R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ± 2050 m. LIM, M

scopulosa Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 1800–2650 m. FS, KZN, L

similis N.E.Br. ex R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1800–2010 m. M

spicata (Burm.f.) N.E.Br. subsp. **fistulosa** (Baker) Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC

spicata (Burm.f.) N.E.Br. subsp. **graminifolia** (Sweet) Goldblatt
H. graminifolia Sweet (9)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? WC

spicata (Burm.f.) N.E.Br. subsp. **spicata**
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 120–305 m. WC

subexerta Baker = **H. baurii** subsp. **baurii**

teretifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt? NC

trifolia R.C.Foster = **H. falcata**

truncatula Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC

tugwellae R.C.Foster = **H. acuta**

tysonii Baker = **H. radiata**

umbricola Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? S

vaginata (Sweet) Goldblatt
H. inflexa in sense of R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt 700–820 m. NC

vernalis Hilliard & B.L.Burtt
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 1800–2700 m. M, FS, KZN, L, EC

widmeri P.Beauv. = **H. longicollis**

woodii Baker
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 1600–2200 m. KZN, L, EC

HEXAGLOTTIS Vent. 1273000

brevituba Goldblatt = **Moraea brevituba**

flexuosa (L.f.) Sweet = **Moraea lewisiae**

lewisiae Goldblatt = **Moraea lewisiae**

lewisiae Goldblatt subsp. *secunda* Goldblatt = **Moraea lewisiae**

longifolia (Jacq.) Salisb. = **Moraea longifolia**

longifolia (Jacq.) Vent. var. *angustifolia* G.J.Lewis = **Moraea longifolia**

namaquana Goldblatt = **Moraea namaquana**

nana L.Bolus = **Moraea nana**

riparia Goldblatt = **Moraea riparia**

virgata (Jacq.) Sweet subsp. *karooica* Goldblatt = **Moraea virgata**

virgata (Jacq.) Sweet subsp. *virgata* = **Moraea virgata**

virgata (Jacq.) Sweet var. *lata* G.J.Lewis = **Moraea virgata**

HOMERIA Vent. 1277000

albida L.Bolus = **Moraea miniata**

autumnalis Goldblatt = **Moraea autumnalis**

bicolor (Baker) Klatt = **Moraea flaccida**

bifida L.Bolus = **Moraea bifida**

bolusiae Goldblatt = **Moraea louisabolusiae**

brachygyne Schltr. = **Moraea brachygyne**

britteniae L.Bolus = **Moraea britteniae**

bulbillifera G.J.Lewis = **Moraea bulbillifera**

bulbillifera G.J.Lewis subsp. *anomala* Goldblatt = **Moraea bulbillifera**

cedarmontana Goldblatt = **Moraea cedarmonticola**

collina (Thunb.) Salisb. = **Moraea collina**

comptonii L.Bolus = **Moraea comptonii**

cookii L.Bolus = **Moraea cookii**

elegans (Jacq.) Sweet = **Moraea elegans**

fenestrata Goldblatt = **Moraea fenestrata**

flaccida Sweet = **Moraea flaccida**

flavescens Goldblatt = **Moraea flavescens**

framesii L.Bolus = **Moraea minor**

fuscomontana Goldblatt = **Moraea fuscomontana**

galpinii L.Bolus = **Moraea pyrophila**

glauca J.M.Wood & M.S.Evans = **Moraea pallida**

hantamensis Goldblatt & J.C.Manning = **Moraea reflexa**

herrei L.Bolus = **Moraea herrei**

humilis N.E.Br. = **Moraea pallida**

lilacina L.Bolus = **Moraea polyanthos**

lineata Sweet = **Moraea miniata**

longistyla Goldblatt = **Moraea longistyla**

lucasii L.Bolus = **Moraea ochroleuca**

marlothii L.Bolus = **Moraea marlothii**

maximiliani Schltr. = **Moraea maximiliani**

metelerkampiae L.Bolus = **Moraea elegans**

miniata (Andrews) Sweet = **Moraea miniata**

minor (Eckl.) Goldblatt = **Moraea minor**

mossii N.E.Br. = **Moraea pallida**

ochroleuca Salisb. = **Moraea ochroleuca**

odorata L.Bolus = **Moraea fragrans**

pallida Baker = **Moraea pallida**

papillosa L.Bolus = **Moraea brachygyne**

patens Goldblatt = **Moraea patens**

pendula Goldblatt = **Moraea pendula**

pillansii L.Bolus = **Moraea cookii**

pura N.E.Br. = **Moraea pallida**

radians (Goldblatt) Goldblatt = **Moraea radians**

ramosissima Schltr. = **Moraea knersvlaktensis**

rhopalocarpa Schltr. = **Moraea minor**

rogersii L.Bolus = **Moraea crispa**

salmonea L.Bolus = **Moraea bifida**
schlechteri L.Bolus = **Moraea schlechteri**
serratostyla Goldblatt = **Moraea serratostyla**
simulans Baker = **Moraea elsiae**
speciosa L.Bolus = **Moraea speciosa**
spiralis L.Bolus = **Moraea aspera**
tenuis Schltr. = **Moraea demissa**
townsendiae N.E.Br. = **Moraea pallida**
tricolor G.J.Lewis = **Moraea karroica**
umbellata (Thunb.) G.J.Lewis = **Moraea umbellata**
vallisbelli Goldblatt = **Moraea vallisbelli**

HOMOGLOSSUM Salisb. 1311010

abbreviatum (Andrews) Goldblatt = **Gladiolus abbreviatus**
acuminatum (N.E.Br.) N.E.Br. = **Gladiolus watsonius**
aureum (Baker) Oberm. = **Gladiolus aureus**
caryphyllaceum (Burm.f.) N.E.Br. = **Gladiolus caryophyllaceus**
flexicaule N.E.Br. = **Gladiolus watsonius**
fourcadei (L.Bolus) N.E.Br. = **Gladiolus fourcadei**
gawleri (Baker) N.E.Br. = **Gladiolus watsonius**
guthriei (L.Bolus) L.Bolus = **Gladiolus overbergensis**
hollandii L.Bolus var. *hollandii* = **Gladiolus huttonii**
hollandii L.Bolus var. *zitzikammense* L.Bolus = **Gladiolus huttonii**
huttonii N.E.Br. = **Gladiolus huttonii**
merianellum (Thunb.) Baker var. *aureum* G.J.Lewis = **Gladiolus bonaspei**
merianellum (Thunb.) Baker var. *merianellum* = **Gladiolus bonaspei**
muirii (L.Bolus) N.E.Br. = **Gladiolus teretifolius**
praecox (Andrews) Salisb. = **Gladiolus watsonius**
priorii (N.E.Br.) N.E.Br. = **Gladiolus priorii**
quadrangulare (Burm.f.) N.E.Br. = **Gladiolus quadrangularis**
revolutum in sense of Baker var. *gawleri* Baker, misapplied name = **Gladiolus watsonius**
vandermerwei (L.Bolus) L.Bolus = **Gladiolus vandermerwei**
watsonium (Thunb.) N.E.Br. = **Gladiolus watsonius**

IRIS L. 1264000

angusta Thunb. = **Moraea angusta**
bituminosa L.f. = **Moraea bituminosa**
ciliata L.f. = **Moraea ciliata**
crispa L.f. = **Moraea gawleri**
edulis L.f. = **Moraea fugax** subsp. **fugax**
fugax Pers., illegitimate name = **Moraea tricolor**
hirsuta Licht. ex Roem. & Schult. = **Moraea papilionacea**
longifolia Schneev. = **Moraea fugax** subsp. **fugax**
mutila Licht. ex Roem. & Schult. = **Moraea tripetala**
papilionacea L.f. = **Moraea papilionacea**
plumaria Thunb., illegitimate name = **Moraea lugubris**
polystachya Thunb. = **Moraea polystachya**
ramosa Thunb., illegitimate name = **Moraea ramosissima**
ramosissima L.f. = **Moraea ramosissima**
tripetala L.f. = **Moraea tripetala**
tristis L.f. = **Moraea vegeta**
viscaria L.f. = **Moraea viscaria**

IXIA L. 1302000

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 317.
(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 329, 349.
(3) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 543.
(4) Lewis. 1945. *The Flowering Plants of Africa* 25: tt. 968, 969.
(5) Lewis. 1962. *Journal of South African Botany* 28: 45–195.
(6) Goldblatt. 1971. *Journal of South African Botany* 37: 317–460.
(7) Nordenstam. 1972. *Journal of South African Botany* 38: 277–298.
(8) Goldblatt. 1979. *Journal of South African Botany* 45: 81–89.
(9) Goldblatt & Snijman. 1985. *South African Journal of Botany* 51: 66–70.
(10) De Vos. 1988. *South African Journal of Botany* 54: 596–602.
(11) Goldblatt & Manning. 1993. *Novon* 3: 148–153.
(12) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 3–87.
(13) Goldblatt & Manning. 1999. *Bothalia* 29: 59–63.
(14) Manning & Goldblatt. 2001. *Bothalia* 31: 189–212.

acaulis Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt? WC

anemonaeflora Jacq. = **I. campanulata**

aristata Thunb. var. *atropurpurea* Andrews = **Sparaxis grandiflora** subsp. **grandiflora**

atrandra Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

aurea J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

bellendenii R.C.Foster = **I. longituba** var. **bellendenii**

brevituba G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? NC

brunneobracteata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 600–900 m. NC

bulbifera L. = **Sparaxis bulbifera**

campanulata Houtt.
I. anemonaeflora Jacq. (12)
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt ?–610 m. WC

capillaris L.f.
I. capillaris L.f. var. *gracillima* Ker Gawl. (12)
I. gracilis Salisb. (12)
I. tenella Klatt (12)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? NC, WC

capillaris L.f. var. *gracillima* Ker Gawl. = **I. capillaris**

cochlearis G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt? WC

collina Goldblatt & Snijman
Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt? WC

conferta R.C.Foster var. *conferta* = **I. lutea** var. **ovata**

conferta R.C.Foster var. *ochroleuca* (Ker Gawl.) G.J.Lewis = **I. lutea** var. **lutea**

crispa in sense of G.J.Lewis, not of L.f., misapplied name = **I. erubescens**

crocata L. = **Tritonia crocata**

crocata L. var. *a* Thunb. = **Tritonia deusta** subsp. **deusta**

crocata L. var. *nigromaculata* Andrews = **Tritonia deusta** subsp. **deusta**

curta Andrews
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 100–305 m. WC

curvata G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 850–1035 m. NC

deusta Aiton = **Tritonia deusta** subsp. **deusta**

dubia Vent.
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 30–245 m. WC

erubescens Goldblatt
I. crispa in sense of G.J.Lewis, not of L.f., misapplied name (6)
Perennial. Herb, geophyte. Ht? Alt ?–335 m. WC

esterhuyseniae M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

fenestrata Jacq. = **Tritonia crocata**

fimbriata Lam. = **Sparaxis grandiflora** subsp. **fimbriata**

flexuosa L.
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 9–985 m. WC

fragrans Jacq. = **Sparaxis fragrans**

frederickii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

fucata Ker Gawl. var. **filifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ?–1065 m. WC

fucata Ker Gawl. var. **fucata**
Perennial. Herb, geophyte. Ht 0.1.5–0.4 m. Alt? WC

fugacissima L.f. = **Moraea fugacissima**

galaxia L.f. = **Moraea galaxia**

gibba Salisb., superfluous name = **Tritonia deusta** subsp. **deusta**

gloriosa G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.65 m. Alt? WC

gracilis Salisb. = **I. capillaris**

grandiflora D.Delaroche = **Sparaxis grandiflora** subsp. **grandiflora**

holosericea Jacq. = **Sparaxis grandiflora** subsp. **grandiflora**

hyalina in sense of DC. = **Tritonia squalida**

hyalina L.f. = **Tritonia crocata**

iridifolia D.Delaroche = **Tritonia crocata**

latifolia D.Delaroche var. **angustifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1200 m. WC

latifolia D.Delaroche var. **curviramosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1220 m. WC

latifolia D.Delaroche var. **latifolia**
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 520–1200 m. NC, WC

latifolia D.Delaroche var. **parviflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC

latifolia D.Delaroche var. **ramulosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–795 m. NC, WC

leipoldtii G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

liliago DC. = **Sparaxis grandiflora** subsp. **fimbriata**

linearis L.f. = **Gladiolus quadrangulus**

longifolia Jacq. = **Moraea longifolia**

longituba N.E.Br. var. **bellendenii** (R.C.Foster) M.P.de Vos
I. bellendenii R.C.Foster (12)
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt 155–380 m. WC

longituba N.E.Br. var. **longituba**
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt 155–380 m. WC

lutea Eckl. var. **lutea**
I. conferta R.C.Foster var. *ochroleuca* (Ker Gawl.) G.J.Lewis (7)
Perennial. Herb, geophyte. Ht 0.15–4 m. Alt 61–155 m. WC

lutea Eckl. var. **ovata** (Andrews) B.Nord.
I. conferta R.C.Foster var. *conferta* (7)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

maculata L. var. **fuscocitrina** (Desf. ex DC.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

maculata L. var. **intermedia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–180 m. WC

maculata L. var. **maculata**
Perennial. Herb, geophyte. Ht 0.15–0.23 m. Alt 120–610 m. WC

marginifolia (Salisb.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 1600–2000 m. WC

metelerkampiae L.Bolus
Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt 335–765 m. WC

micrandra Baker var. **confusa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 155–1770 m. WC

micrandra Baker var. **micrandra**
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt 75–1370 m. WC

micrandra Baker var. **minor** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 155–700 m. WC

miniata DC. var. *nigromaculata* DC. = **Tritonia deusta** subsp. **deusta**

miniata Jacq. = **Tritonia deusta** subsp. **miniata**

monadelpha D.Delaroche
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC

monanthos D.Delaroche = **Sparaxis grandiflora** subsp. **acutiloba**

mostertii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC

odorata Ker Gawl. var. **hesperanthoides** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt ?–155 m. WC

odorata Ker Gawl. var. **odorata**
Perennial. Herb, geophyte. Ht 0.17–0.43 m. Alt 15–610 m. WC

orientalis L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 15–1445 m. WC, EC

paniculata D.Delaroche
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt 5–780 m. NC, WC

patens Aiton var. **linearifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

patens Aiton var. **patens**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–155 m. WC

pauciflora G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–765 m. WC

paucifolia G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 365–1675 m. WC

planifolia Mill. ex Roem. & Schult. = **Tritonia crocata**

polystachya L. var. **crassifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–55 m. Alt? WC

polystachya L. var. **longistylis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–55 m. Alt? WC

polystachya L. var. **lutea** (Ker Gawl.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–65 m. Alt ?–670 m. WC

polystachya L. var. **polystachya**
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt 30–855 m. WC

pumilio Goldblatt & Snijman
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC

purpureorosea G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt? WC

quadrangula D.Delaroche = **Gladiolus quadrangulus**

rapunculoides Delile var. **flaccida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 155–1020 m. NC, WC

rapunculoides Delile var. **namaquana** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 625–1500 m. NC, WC

rapunculoides Delile var. **rapunculoides**
Perennial. Herb, geophyte. Ht ± 0.4 m. Alt 750–2135 m. NC, WC

rapunculoides Delile var. **rigida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 819–850 m. WC

rapunculoides Delile var. **robusta** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt ?–1310 m. NC

rapunculoides Delile var. **subpendula** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 480–1220 m. NC, WC

rouxii G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? WC

scillaris L. var. **scillaris**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 30–610 m. NC, WC

scillaris L. var. **subundulata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–245 m. NC, WC

sordida Hornem. = **Sparaxis fragrans**

splendida G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? WC

squalida Aiton var. *patula* Aiton = **Tritonia squalida**

stohriae L.Bolus
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 305–765 m. WC

stolonifera G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

stricta (Eckl. ex Klatt) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 430–610 m. WC

tenella Klatt = **I. capillaris**

thomasiae Goldblatt
Perennial. Herb, geophyte. Ht 0.6–0.8 m. Alt ?–1200 m. NC

tricolor Schneev. = **Sparaxis tricolor**

trifolia G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1615 m. NC

trinervata (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

uniflora L. = **Sparaxis grandiflora** subsp. **grandiflora**

vanzijliae L.Bolus
Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt? WC

versicolor G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? WC

vinacea G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? WC

viridiflora Lam. var. **minor** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

viridiflora Lam. var. **viridiflora**
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–610 m. WC

KENTROSIPHON N.E.Br. 1311050

duftii (Schinz) N.E.Br. = **Gladiolus saccatus**

gracilis N.E.Br. = **Gladiolus saccatus**

propinquus N.E.Br. = **Gladiolus saccatus**

saccatus (Klatt) N.E.Br. = **Gladiolus saccatus**

saccatus (Klatt) N.E.Br. subsp. *steingroeveri* (Pax) Oberm. = **Gladiolus saccatus**

steingroeveri (Pax) N.E.Br. = **Gladiolus saccatus**

KLATTIA Baker 1298000

(1) Baker. 1896. *FC* 6: 7–171.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 80.
(3) Goldblatt. 1993. *The woody Iridaceae*: 1–139.

flava (G.J.Lewis) Goldblatt
K. partita Baker var. *flava* G.J.Lewis (3)
Perennial. Shrub. Ht 0.9–1.3 m. Alt 800–1200 m. WC

partita Baker
Perennial. Shrub. Ht 0.75–1 m. Alt 960–1280 m. WC

partita Baker var. *flava* G.J.Lewis = **K. flava**

stokoei L.Guthrie
Perennial. Shrub. Ht 0.4–1 m. Alt 450–1700 m. WC

LAPEIROUSIA Pourr. 1314000

(1) Baker. 1896. *FC* 6: 7–171.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 239.
(3) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1226.
(4) Goldblatt. 1971. *Journal of South African Botany* 37: 229–236.
(5) Goldblatt. 1972. *Contributions from the Bolus Herbarium* 4: 1–111.
(6) Goldblatt. 1973. *The Flowering Plants of Africa* 42: t. 1670.
(7) Goldblatt. 1990. *Annals of the Missouri Botanical Garden* 77: 430–484.
(8) Goldblatt & Manning. 1992. *South African Journal of Botany* 58: 326–336.
(9) Goldblatt & Manning. 1994. *Novon* 4: 339–346.

anceps (L.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 3–765 m. NC, WC

arenicola Schltr.
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt 180–250 m. NC, WC

avasmontana Dinter
Perennial. Herb, geophyte. Ht 0.2–0.25 m. Alt? N

azurea (Eckl. ex Baker) Goldblatt
L. corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part (8)
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt 40–155 m. WC

bainesii Baker
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 610–1341 m. N, B, LIM

barklyi Baker
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 70–1062 m. N, NC

caespitosa Licht. ex Roem. & Schult. = **L. plicata** subsp. **plicata**

caudata Schinz subsp. *burchellii* (Baker) Marais & Goldblatt = **L. littoralis** subsp. **littoralis**

caudata Schinz subsp. *caudata* = **L. littoralis** subsp. **caudata**

coerulea Schinz
Perennial. Herb, geophyte. Ht 0.2–0.36 m. Alt ?–1800 m. N, B

corymbosa (L.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt 30–368 m. WC

corymbosa (L.) Ker Gawl. subsp. *alta* Goldblatt = **L. neglecta**

corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part = **L. azurea**

corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part = **L. fastigiata**

cruenta (Lindl.) Baker = **Freesia laxa** subsp. **laxa**

cyanescens Baker = **L. schimperi**

divaricata Baker
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 305–885 m. NC, WC

divaricata Baker var. *spinosa* Goldblatt = **L. spinosa**

divaricata Baker var. *tenuis* Goldblatt = **L. tenuis**

dolomitica Dinter subsp. **dolomitica**
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt 70–780 m. NC

dolomitica Dinter subsp. **lewisiana** (B.Nord.) Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC, WC

erythrantha (Klotzsch ex Klatt) Baker
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? B

exilis Goldblatt
Perennial. Herb, geophyte. Ht ± 0.03 m. Alt? NC

fabricii (D.Delaroche) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 60–1035 m. NC, WC

falcata (L.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 300–1200 m. WC

fastigiata (Lam.) Ker Gawl.
L. corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part (8)
Perennial. Herb, geophyte. Ht 0.06–0.09 m. Alt 155–305 m. WC

fissifolia (Jacq.) Ker Gawl. = **L. pyramidalis** subsp. **pyramidalis**

fistulosa (Spreng. ex Klatt) Baker = **Xenoscapa fistulosa**

gracilis Vaupel
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt ?–200 m. N

grandiflora (Baker) Baker = **Freesia grandiflora**

heterophylla (Willd.) R.C.Foster = **L. plicata** subsp. **plicata**

jacquinii N.E.Br.
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt 30–765 m. NC, WC

laxa (Thunb.) N.E.Br. = **Freesia laxa** subsp. **laxa**

littoralis Baker subsp. **caudata** (Schinz) Goldblatt
L. caudata Schinz subsp. *caudata* (7)
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 945–1100 m. N, B, LIM, NW

littoralis Baker subsp. **littoralis**
L. caudata Schinz subsp. *burchellii* (Baker) Marais & Goldblatt (7)
L. ramosissima Dinter (7)
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 50–700 m. N, NC

macrospatha Baker
Perennial. Geophyte. Ht 0.07–0.15 m. Alt? NC

masukuensis Vaupel & Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 400–915 m. M

micrantha (E.Mey. ex Klatt) Baker
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 100–1065 m. WC

montana Klatt
Perennial. Herb, geophyte. Ht ± 0.05 m. Alt 700–1370 m. NC

neglecta Goldblatt
L. corymbosa (L.) Ker Gawl. subsp. *alta* Goldblatt (8)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt ± 990 m. WC

odoratissima Baker
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? N

oreogena Schltr. ex Goldblatt
Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 700–820 m. NC

otaviensis R.C.Foster
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–1800 m. N

plicata (Jacq.) Diels subsp. **effurcata** (G.J.Lewis) Goldblatt
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC

plicata (Jacq.) Diels subsp. **longifolia** Goldblatt
Perennial. Herb, geophyte. Ht ± 0.06 m. Alt ?–1000 m. N, NW, NC

plicata (Jacq.) Diels subsp. **plicata**
L. caespitosa Licht. ex Roem. & Schult. (5)
L. heterophylla (Willd.) R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt 140–1700 m. N, B, NW, FS, NC

pyramidalis (Lam.) Goldblatt subsp. **pyramidalis**
L. fissifolia (Jacq.) Ker Gawl. (5)
Perennial. Herb, geophyte. Ht 0.05–0.12 m. Alt 50–685 m. NC, WC

pyramidalis (Lam.) Goldblatt subsp. **regalis** Goldblatt & J.C.Manning
Perennial. Geophyte. Ht 0.07–0.12 m. Alt ?–400 m. WC

ramosissima Dinter = **L. littoralis** subsp. **littoralis**

rivularis Wanntorp
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? N

sandersonii Baker
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 420–2135 m. B, NW, G, M

schimperi (Asch. & Klatt) Milne-Redh.
L. cyanescens Baker (7)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt? N, B

silenoides (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 300–915 m. NC

simulans Goldblatt & J.C.Manning
Perennial. Geophyte. Ht 0.1–0.18 m. Alt? WC

spinosa (Goldblatt) Goldblatt & J.C.Manning
L. divaricata Baker var. *spinosa* Goldblatt (9)
Perennial. Geophyte. Ht 0.05–0.08 m. Alt? NC

tenuis (Goldblatt) Goldblatt & J.C.Manning
L. divaricata Baker var. *tenuis* Goldblatt (9)
Perennial. Geophyte. Ht 0.08–0.14 m. Alt 150–250 m. NC

verecunda Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.16 m. Alt? NC

violacea Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt 230–640 m. NC, WC

viridis (Aiton) L.Bolus = **Freesia viridis**

MELASPHAERULA Ker Gawl. 1305000

(1) Baker. 1896. *FC* 6: 115.
(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 245.

graminea (L.f.) Ker Gawl. = **M. ramosa**

ramosa (L.) N.E.Br.
M. graminea (L.f.) Ker Gawl. (2)
Perennial. Herb, geophyte. Ht 0.4–0.83 m. Alt 5–1200 m. N, NC, WC

MICRANTHUS (Pers.) Eckl. 1313000

(1) Baker. 1896. *FC* 6: 97, 98.
(2) Rothmaler. 1941. *Feddes Repertorium* 50: 73.

alopecuroides (L.) Rothm.
M. plantagineus (Aiton) Eckl. (2)
Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt 15–550 m. WC

junceus (Baker) N.E.Br.
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 90–1065 m. NC, WC

plantagineus (Aiton) Eckl. = **M. alopecuroides**

tubulosus (Burm.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 30–1065 m. WC

MONTBRETIA DC. 1306005

pottsii Macnab ex Baker = **Crocosmia pottsii**

MONTBRETIOPSIS L.Bolus 1306040

florentiae (Marloth) L.Bolus = **Tritonia florentiae**

MORAEA Mill. 1265000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 31.
(2) Stent. 1928. *The Flowering Plants of South Africa* 8: t. 301.
(3) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 502.
(4) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1385.
(5) Obermeyer. 1969. *The Flowering Plants of Africa* 39: t. 1526.
(6) Obermeyer. 1970. *The Flowering Plants of Africa* 40: tt. 1597, 1581, 1582.
(7) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1639.
(8) Goldblatt. 1973. *Annals of the Missouri Botanical Garden* 60: 204–259.
(9) Goldblatt. 1976. *Annals of the Missouri Botanical Garden* 63: 309–313.
(10) Goldblatt. 1977. *The Flowering Plants of Africa* 44: tt. 1724–1726.
(11) Goldblatt. 1977. *Annals of the Missouri Botanical Garden* 64: 243–295.
(12) Goldblatt. 1978. *The Flowering Plants of Africa* 44: tt. 1747, 1748.
(13) Goldblatt. 1979. *Annals of the Missouri Botanical Garden* 66: 839–844.
(14) Goldblatt. 1980. *Botaniska Notiser* 133: 85–95, 239–260.
(15) Goldblatt. 1981. *Annals of the Missouri Botanical Garden* 68: 413–513.
(16) Goldblatt. 1982. *Annals of the Missouri Botanical Garden* 69: 351–369.
(17) Goldblatt. 1986. *Annals of Kirstenbosch Botanic Gardens* 14: 1–224.
(18) Goldblatt. 1986. *Annals of the Missouri Botanical Garden* 73: 102–116.
(19) Goldblatt. 1987. *Annals of the Missouri Botanical Garden* 74: 542–569.
(20) Goldblatt. 1992. *South African Journal of Botany* 58: 209–214.
(21) Goldblatt. 1993. *The Flowering Plants of Africa* 52: t. 2069.
(22) Goldblatt & Oliver. 1993. *Novon* 3: 404–407.
(23) Goldblatt & Manning. 1995. *Novon* 5: 262–269.
(24) Goldblatt. 1998. *Novon* 8: 371–377.
(25) Goldblatt & Manning. 2000. *Novon* 10: 14–21.
(26) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.
(27) Goldblatt & Manning. 2002. *Novon* 12: 352–359.
(28) Goldblatt & Manning. 2003. *Novon*. In press.

albicuspa Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–3170 m. KZN, L, EC

albiflora (G.J.Lewis) Goldblatt
Galaxia albiflora G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt? WC

algoensis Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–670 m. WC, EC

alpina Goldblatt
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt 2200–2500 m. FS, KZN, L

alticola Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.91 m. Alt ?–3050 m. FS, KZN, L, EC

amissa Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC

angulata Goldblatt
Galaxia alata Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? WC

angusta (Thunb.) Ker Gawl.
Iris angusta Thunb. (17)
M. obtusa N.E.Br. (17)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 9–914 m. WC

anomala G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 240–914 m. WC

apetala L.Bolus = **M. cooperi**

ardesiaca Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–2075 m. KZN

arenaria Baker = **M. serpentina**

aristata (D.Delaroche) Asch. & Graebn.
M. candida Baker (9)
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt? WC

aspera Goldblatt
Homeria spiralis L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC

atropunctata Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

australis (Goldblatt) Goldblatt
Gynandriris australis Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? WC, EC

autumnalis (Goldblatt) Goldblatt
Homeria autumnalis Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC

balenii Stent (identity unknown)

barbigera Salisb. = **M. tricolor**

barkerae Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 600–1032 m. WC

barnardiella Goldblatt
Galaxia barnardii Goldblatt (24)
Perennial. Herb, geophyte. Ht? Alt? WC

barnardii L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

bellendenii (Sweet) N.E.Br.
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 15–600 m. WC, EC

bellendenii (Sweet) N.E.Br. subsp. *cormifera* Goldblatt = **M. tricuspidata**

bifida (L.Bolus) Goldblatt
Homeria bifida L.Bolus (24)
Homeria salmonea L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? NC

bipartita L.Bolus
M. polyanthos of author, misapplied name (13)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 90–800 m. WC, EC

bituminosa (L.f.) Ker Gawl.
Iris bituminosa L.f. (17)
M. viscaria (L.f.) Ker Gawl. var. *bituminosa* (L.f.) Baker (17)
Vieusseuxia bituminosa (L.f.) Eckl. (17)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 30–610 m. WC

bolusii Baker
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt ?–1005 m. NC

brachygyne (Schltr.) Goldblatt
Homeria brachygyne Schltr. (24)
Homeria papillosa L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.07–0.18 m. Alt? NC, WC

brevistyla (Goldblatt) Goldblatt
M. pubiflora N.E.Br. subsp. *brevistyla* Goldblatt (17)
Perennial. Herb, geophyte. Ht 0.45–0.8 m. Alt 600–2440 m. M, FS, KZN, L

brevituba (Goldblatt) Goldblatt
Hexaglottis brevituba Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? N, NC

britteniae (L.Bolus) Goldblatt
Homeria britteniae L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? EC

bubalina Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt? NC, WC

bulbifera Jacq. = **M. ramosissima**

bulbillifera (G.J.Lewis) Goldblatt
Homeria bulbillifera G.J.Lewis (24)
Homeria bulbillifera G.J.Lewis subsp. *anomala* Goldblatt (28)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC, EC

caeca Barnard ex Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–915 m. WC

calcicola Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

candida Baker = **M. aristata**

cantharophila Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? WC

carnea Goldblatt
Perennial. Herb, geophyte. Ht 0.35–0.8 m. Alt 2000–2590 m. FS, KZN

carsonii Baker
M. homblei De Wild. (17)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? N, B

cedarmonticola Goldblatt
Homeria cedarmontana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt? WC

ciliata (L.f.) Ker Gawl.
Iris ciliata L.f. (17)
M. hantamensis Klatt (17)
M. macrochlamys Baker (17)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 5–1707 m. NC, WC, EC

ciliata (L.f.) Ker Gawl. var. *barbigera* (Salisb.) Baker = **M. tricolor**

ciliata (L.f.) Ker Gawl. var. *gracilis* Baker = **M. gracilenta**

ciliata (L.f.) Ker Gawl. var. *tricolor* (Andrews) Baker = **M. tricolor**

citrina (G.J.Lewis) Goldblatt
Galaxia citrina G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? NC, WC

collina Thunb.
Homeria collina (Thunb.) Salisb. (24)
Perennial. Herb, geophyte. Ht 0.18–0.35 m. Alt? WC

comptonii (L.Bolus) Goldblatt
Homeria comptonii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.18–0.35 m. Alt? WC

contorta Goldblatt
Gynandriris anomala Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC

cookii (L.Bolus) Goldblatt
Homeria cookii L.Bolus (24)
Homeria pillansii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? L, NC, WC, EC

cooperi Baker
Gynandriris apetala (L.Bolus) R.C.Foster (17)
Gynandriris stenocarpa (Schltr.) R.C.Foster (17)
M. apetala L.Bolus (17)
M. stenocarpa Schltr. (17)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–550 m. WC

corniculata Lam. = **M. fugax** subsp. **fugax**

crispa (L.f.) Ker Gawl., illegitimate name = **M. gawleri**

crispa (L.f.) Ker Gawl. var. *rectifolia* Baker = **M. gawleri**

crispa Thunb.
Homeria rogersii L.Bolus (16)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 670–2000 m. FS, NC, WC, EC

culmea Killick = **M. trifida**

curtisae R.C.Foster = **M. stricta**

debilis Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 210–1370 m. WC

decussata Klatt = **M. gawleri**

deltoidea Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

demissa Goldblatt
Homeria tenuis Schltr. (24)
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt? WC

deserticola Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? WC

diphylla Baker = **M. fugax** subsp. **filicaulis**

dracomontana Goldblatt
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt ?–2590 m. KZN, L

duthieana L.Bolus = **M. tricolor**

edulis (L.f.) Ker Gawl. = **M. fugax** subsp. **fugax**

elegans Jacq.
Homeria elegans (Jacq.) Sweet (24)
Homeria metelerkampiae L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

elliotii Baker
M. juncifolia N.E.Br. (17)
M. macra Schltr. (17)
M. stewartae N.E.Br. (17)
M. violacea Baker (17)
Perennial. Herb, geophyte. Ht 0.12–0.55 m. Alt 5–2425 m. LIM, M, S, FS, KZN, L, WC, EC

elsiae Goldblatt
Homeria simulans Baker (18)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–245 m. WC

erici-rosenii R.E.Fr. = **M. natalensis**

exiliflora Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1000–1500 m. WC

falcifolia Klatt
Galaxia penduncularis Bég. (17)
M. fasciculata Klatt (17)
M. galaxioides Baker (10)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 150–1160 m. N, NW, NC, WC, EC

fasciculata Klatt = **M. falcifolia**

fenestralis (Goldblatt & E.G.H.Oliv.) Goldblatt
Galaxia fenestralis Goldblatt & E.G.H.Oliv. (28)
Perennial. Herb, geophyte. Ht ± 0.03 m. Alt? NC

fenestrata (Goldblatt) Goldblatt
Homeria fenestrata Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.1–0.12 m. Alt? WC

fergusoniae L.Bolus
M. fimbriata Klatt, illegitimate name (17)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 9–460 m. WC

filicaulis Baker = **M. fugax** subsp. **filicaulis**

fimbriata Klatt, illegitimate name = **M. fergusoniae**

fistulosa (Goldblatt) Goldblatt
Roggeveldia fistulosa Goldblatt (24)
Perennial. Herb, geophyte. Ht? Alt? Distr.?

flaccida (Sweet) Steud.
Homeria bicolor (Baker) Klatt (24)
Homeria flaccida Sweet (24)
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? WC

flavescens (Goldblatt) Goldblatt
Homeria flavescens Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

flexicaulis Goldblatt
M. flexuosa Goldblatt (27)
Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? NC

flexuosa Goldblatt = **M. flexicaulis**

fragrans Goldblatt
Homeria odorata L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? NC

framesii L.Bolus = **M. serpentina**

fugacissima (L.f.) Goldblatt
Galaxia fugacissima (L.f.) Druce (24)
Ixia fugacissima L.f. (24)
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? NC, WC, EC

fugax (D.Delaroche) Jacq. subsp. **filicaulis** (Baker) Goldblatt
M. diphylla Baker (17)
M. filicaulis Baker (17)
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 152–640 m. NC, WC

fugax (D.Delaroche) Jacq. subsp. **fugax**
Iris edulis L.f. (17)
Iris longifolia Schneev. (17)
M. corniculata Lam. (17)
M. edulis (L.f.) Ker Gawl. (10)
M. longifolia (Schneev.) Sweet, illegitimate name (17)
M. odora Salisb. (17)
Vieusseuxia edulis (L.f.) Link (17)
Vieusseuxia fugax D.Delaroche (17)
Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 10–910 m. NC, WC

fuscomontana (Goldblatt) Goldblatt
Homeria fuscomontana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? WC

galaxioides Baker = **M. falcifolia**

galaxia (L.f.) Goldblatt & J.C.Manning
Galaxia ovata Thunb. (26)
Ixia galaxia L.f. (26)
M. ovalifolia Goldblatt (26)
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt 10–910 m. NC, WC

galpinii (Baker) N.E.Br.
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 1800–2200 m. M, S, KZN

galpinii (Baker) N.E.Br. subsp. *robusta* Goldblatt = **M. robusta**

garipensis Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? N

gawleri Spreng.
Iris crispa L.f. (17)
M. crispa (L.f.) Ker Gawl., illegitimate name (17)
M. crispa (L.f.) Ker Gawl. var. *rectifolia* Baker (17)
M. decussata Klatt (17)
M. sulphurea Baker (17)
M. undulata Ker Gawl. (17)
Vieusseuxia angustifolia Eckl., naked name (17)
Vieusseuxia brehmii Eckl., naked name (17)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 40–1219 m. NC, WC, EC

gigandra L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

gracilenta Goldblatt
M. ciliata (L.f.) Ker Gawl. var. *gracilis* Baker (17)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt? WC

graminicola Oberm. subsp. **graminicola**
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt ?–1770 m. KZN

graminicola Oberm. subsp. **notata** Goldblatt
Perennial. Herb, geophyte. Ht 0.45–1 m. Alt 305–1150 m. EC

graniticola Goldblatt
Perennial. Herb, geophyte. Ht ± 0.05 m. Alt? N

hantamensis Klatt = **M. ciliata**

herrei (L.Bolus) Goldblatt
Barnardiella spiralis (N.E.Br.) Goldblatt (24)
Gynandriris spiralis (N.E.Br.) R.C.Foster (24)
Homeria herrei L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? NC

hesperantha (Goldblatt) Goldblatt
Gynandriris hesperantha Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

hexaglottis Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt ± 1300 m. N

hiemalis Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.76 m. Alt 915–2745 m. KZN

hirsuta (Licht. ex Roem. & Schult.) Ker Gawl. = **M. papilionacea**

homblei De Wild. = **M. carsonii**

huttonii (Baker) Oberm.
M. rivularis Schltr. (8)
Perennial. Herb, geophyte. Ht 0.45–1 m. Alt 884–2500 m. M, FS, KZN, L, EC

inclinata Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt ?–2700 m. FS, KZN, L, EC

inconspicua Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 21–1524 m. NC, WC, EC

incurva G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

indecora Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? NC

insolens Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

iridioides L. = **Dietes iridioides**

iriopetala L.f., illegitimate name = **M. vegeta**

juncea in sense of N.E.Br., not of L., misapplied name = **M. vegeta**

juncifolia N.E.Br. = **M. elliotii**

kamiesensis Goldblatt
Galaxia grandiflora Andrews (24)
Perennial. Herb, geophyte. Ht 0.03–0.5 m. Alt? NC

kamiesmontana (Goldblatt) Goldblatt
Galaxia kamiesmontana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC

karroica Goldblatt
Homeria tricolor G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC, WC

knersvlaktensis Goldblatt
Homeria ramosissima Schltr. (24)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

lewisiae (Goldblatt) Goldblatt
Hexaglottis flexuosa (L.f.) Sweet (24)
Hexaglottis lewisiae Goldblatt (24)
Hexaglottis lewisiae Goldblatt subsp. *secunda* Goldblatt (28)
Perennial. Herb, geophyte. Ht 0.2–0.9 m. Alt? NC, WC, EC

lilacina Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

linderi Goldblatt
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC

longiaristata Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

longiflora Ker Gawl.
Gynandriris longiflora (Ker Gawl.) R.C.Foster (17)
Helixyra flava Salisb., illegitimate name (17)
Helixyra longiflora (Ker Gawl.) N.E.Br. (17)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 1200 m. NC

longifolia (Jacq.) Pers.
Hexaglottis longifolia (Jacq.) Salisb. (24)
Hexaglottis longifolia (Jacq.) Vent. var. *angustifolia* G.J.Lewis (24)
Ixia longifolia Jacq. (24)
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt? WC

longifolia (Schneev.) Sweet, illegitimate name = **M. fugax** subsp. **fugax**

longistyla (Goldblatt) Goldblatt
Homeria longistyla Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

loubseri Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

louisabolusiae Goldblatt
Homeria bolusiae Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? NC, WC

lugubris (Salisb.) Goldblatt
Ferraria lugubris Salisb. (17)
Iris plumaria Thunb., illegitimate name (17)
M. mira Klatt (17)
M. plumaria (Thunb.) Ker Gawl. (10)
Vieusseuxia geniculata Eckl., naked name (17)
Perennial. Herb, geophyte. Ht 0.06–0.16 m. Alt 25–900 m. NC, WC

lurida Ker Gawl.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 100–670 m. WC

luteoalba (Goldblatt) Goldblatt
Galaxia luteoalba Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.05 m. Alt 305–1150 m. WC

macgregorii Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

macra Schltr. = **M. elliotii**

macrocarpa Goldblatt
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? WC

macrochlamys Baker = **M. ciliata**

macronyx G.J.Lewis
Perennial. Herb, geophyte. Ht 0.09–0.16 m. Alt 640–960 m. WC

margaretae Goldblatt
Perennial. Herb, geophyte. Ht ± 0.15 m. Alt? NC

marionae N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1400 m. LIM, M, S

marlothii (L.Bolus) Goldblatt
Homeria marlothii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? NC

maximiliani (Schltr.) Goldblatt & J.C.Manning
Homeria maximiliani Schltr. (23)
Rheome maximiliani (Schltr.) Goldblatt (23)
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt? WC

melanops Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC

miniata Andrews
Homeria albida L.Bolus (24)
Homeria lineata Sweet (24)
Homeria miniata (Andrews) Sweet (24)
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt? NC, WC

minima Goldblatt
Galaxia parva Goldblatt (24)
Perennial. Herb, geophyte. Ht ± 0.25 m. Alt? WC

minor Eckl.
Homeria framesii L.Bolus (24)
Homeria minor (Eckl.) Goldblatt (24)
Homeria rhopalocarpa Schltr. (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

mira Klatt = **M. lugubris**

modesta Killick
Perennial. Herb, geophyte. Ht 0.16–0.45 m. Alt 226–3050 m. FS, KZN, L, EC

moggii N.E.Br. subsp. **albescens** Goldblatt
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt 1600–1980 m. M, KZN

moggii N.E.Br. subsp. **moggii**
Perennial. Herb, geophyte. Ht 0.6–1 m. Alt? LIM, M

monticola Goldblatt
Roggeveldia montana Goldblatt (24)
Perennial. Herb, geophyte. Ht ± 0.15 m. Alt? NC

mossii N.E.Br. = **M. stricta**

muddii N.E.Br.
Perennial. Herb, geophyte. Ht 0.3–0.55 m. Alt ?–2300 m. M, KZN, EC

namaquamontana Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? NC

namaquana (Goldblatt) Goldblatt
Hexaglottis namaquana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? NC

namibensis Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt? N, NC

nana (L.Bolus) Goldblatt & J.C.Manning
Hexaglottis nana L.Bolus (23)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC, WC

natalensis Baker
M. erici-rosenii R.E.Fr. (17)
M. parviflora N.E.Br. (17)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 900–1525 m. LIM, M, S, KZN

neglecta G.J.Lewis
Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 21–305 m. NC, WC

neopavonia R.C.Foster = **M. tulbaghensis**

nubigena Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? WC

obtusa N.E.Br. = **M. angusta**

ochroleuca (Salisb.) Drapiez
Homeria lucasii L.Bolus (24)
Homeria ochroleuca Salisb. (24)
Perennial. Herb, geophyte. Ht 0.35–0.75 m. Alt? WC

odora Salisb. = **M. fugax** subsp. **fugax**

odorata G.J.Lewis = **M. viscaria**

ovalifolia Goldblatt = **M. galaxia**

ovata Thunb. = **Ferraria ovata**

pallida (Baker) Goldblatt
Homeria glauca J.M.Wood & M.S.Evans (24)
Homeria humilis N.E.Br. (24)
Homeria mossii N.E.Br. (24)
Homeria pallida Baker (24)
Homeria pura N.E.Br. (24)
Homeria townsendiae N.E.Br. (24)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NW, G, M, FS, KZN, NC

papilionacea (L.f.) Ker Gawl.
Iris hirsuta Licht. ex Roem. & Schult. (17)
Iris papilionacea L.f. (17)
M. hirsuta (Licht. ex Roem. & Schult.) Ker Gawl. (17)
M. papilionacea (L.f.) Ker Gawl. var. *maythamiae* G.J.Lewis (17)
M. pilosa J.C.Wendl. (17)
Vieusseuxia intermedia Eckl., naked name (17)
Vieusseuxia nervosa Eckl., naked name (17)
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 30–700 m. WC

papilionacea (L.f.) Ker Gawl. var. *maythamiae* G.J.Lewis = **M. papilionacea**

parva N.E.Br. = **M. stricta**

parviflora N.E.Br. = **M. natalensis**

patens (Goldblatt) Goldblatt
Homeria patens Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 30–700 m. WC

pendula (Goldblatt) Goldblatt
Homeria pendula Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt? NC

pilifolia Goldblatt
Galaxia ciliata Pers. (24)
Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC, WC

pilosa J.C.Wendl. = **M. papilionacea**

plumaria (Thunb.) Ker Gawl. = **M. lugubris**

polyanthos L.f.
Homeria lilacina L.Bolus (16)
Perennial. Herb, geophyte. Ht 0.1–0.45 m. Alt 20–1005 m. WC, EC

polyanthos of author, misapplied name = **M. bipartita**

polystachya (Thunb.) Ker Gawl.
Iris polystachya Thunb. (17)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 50–1500 m. N, NW, WC, EC

polystachya (Thunb.) Ker Gawl. var. *brevicaulis* Stent = **M. venenata**

pritzeliana Diels
Gynandriris pritzeliana (Diels) Goldblatt (24)
Gynandriris torta (L.Bolus) R.C.Foster (24)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NC

pseudospicata Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ± 670 m. NC

pubiflora N.E.Br.
Perennial. Herb, geophyte. Ht 0.45–0.75 m. Alt 1800–2100 m. M, S

pubiflora N.E.Br. subsp. *brevistyla* Goldblatt = **M. brevistyla**

pyrophila Goldblatt
Homeria galpinii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 30–700 m. WC

radians (Goldblatt) Goldblatt
Homeria radians (Goldblatt) Goldblatt (24)
Sessilistigma radians Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

ramosa (Thunb.) Ker Gawl., illegitimate combination = **M. ramosissima**

ramosissima (L.f.) Druce
Freuchenia bulbifera Eckl., naked name (17)
Iris ramosa Thunb., illegitimate name (17)
Iris ramosissima L.f. (17)
M. bulbifera Jacq. (17)
M. ramosa (Thunb.) Ker Gawl., illegitimate combination (17)
Vieusseuxia freuchenia (Eckl.) Steud., invalid name (17)
Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt? WC, EC

reflexa Goldblatt
Homeria hantamensis Goldblatt & J.C.Manning (24)
Perennial. Herb, geophyte. Ht 0.7–1.1 m. Alt ± 1600 m. NC

regalis Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? WC

reticulata Goldblatt
Perennial. Herb, geophyte. Ht 0.7–0.9 m. Alt ?–1525 m. EC

rigidifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? N

riparia (Goldblatt) Goldblatt
Hexaglottis riparia Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.45–0.9 m. Alt? WC

rivularis Schltr. = **M. huttonii**

rivulicola Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? NC

robusta (Goldblatt) Goldblatt
M. galpinii (Baker) N.E.Br. subsp. *robusta* Goldblatt (16)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? M, KZN

saxicola Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 250–1200 m. NC, WC

schlechteri (L.Bolus) Goldblatt
Homeria schlechteri L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? NC

serpentina Baker
M. arenaria Baker (10)
M. framesii L.Bolus (17)
Perennial. Herb, geophyte. Ht 0.04–0.2 m. Alt 230–1100 m. NC, WC

serratostyla (Goldblatt) Goldblatt
Homeria serratostyla Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC

setifolia (L.f.) Druce
Gynandriris rogersii (Baker) R.C.Foster (24)
Gynandriris setifolia (L.f.) R.C.Foster (24)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt? NC, WC, EC

simulans Baker
Gynandriris cladostachya (Baker) R.C.Foster (24)
Gynandriris simulans (Baker) R.C.Foster (24)
Helixyra simulans (Baker) N.E.Br. (24)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NW, FS, G, M, WC

sordescens Jacq. = **M. vegeta**

spathulata (L.f.) Klatt
M. spathulata (L.f.) Klatt subsp. *autumnalis* Goldblatt (11)
M. spathulata (L.f.) Klatt subsp. *saxosa* Goldblatt (11)
M. spathulata (L.f.) Klatt subsp. *transvaalensis* Goldblatt (11)
Perennial. Herb, geophyte. Ht 0.38–1.52 m. Alt 30–2745 m. M, S, FS, KZN, L, WC, EC

spathulata (L.f.) Klatt subsp. *autumnalis* Goldblatt = **M. spathulata**

spathulata (L.f.) Klatt subsp. *saxosa* Goldblatt = **M. spathulata**

spathulata (L.f.) Klatt subsp. *transvaalensis* Goldblatt = **M. spathulata**

speciosa (L.Bolus) Goldblatt
Homeria speciosa L.Bolus (16)
Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt ?–425 m. NC, WC

stagnalis (Goldblatt) Goldblatt
Galaxia stagnalis Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC, WC

stenocarpa Schltr. = **M. cooperi**

stewartae N.E.Br. = **M. elliotii**

stricta Baker
M. curtisae R.C.Foster (17)
M. mossii N.E.Br. (17)
M. parva N.E.Br. (17)
M. tellinii Chiov. (17)
M. thomsonii in sense of Goldblatt (1977) in part, not of Baker, misapplied name (17)
M. trita N.E.Br. (17)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 155–2745 m. LIM, G, M, S, FS, KZN, L

sulphurea Baker = **M. gawleri**

tellinii Chiov. = **M. stricta**

tenuis Ker Gawl. = **M. unguiculata**

thomasiae Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 457–762 m. WC

thomsonii Baker
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? M

thomsonii in sense of Goldblatt (1977) in part, not of Baker, misapplied name = **M. stricta**

tortilis Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

toxicaria Dinter = **M. venenata**

tricolor Andrews
Iris fugax Pers., illegitimate name (17)
M. barbigera Salisb. (17)
M. ciliata (L.f.) Ker Gawl. var. *barbigera* (Salisb.) Baker (17)
M. ciliata (L.f.) Ker Gawl. var. *tricolor* (Andrews) Baker (17)
M. duthieana L.Bolus (17)
Perennial. Herb, geophyte. Ht 0.5–0.15 m. Alt? WC

tricuspidata (L.f.) G.J.Lewis
M. bellendenii (Sweet) N.E.Br. subsp. *cormifera* Goldblatt (9)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 10–800 m. WC, EC

trifida R.C.Foster
M. culmea Killick (8)
Perennial. Herb, geophyte. Ht 0.35–0.76 m. Alt ?–2255 m. M, FS, KZN, L, EC

tripetala (L.f.) Ker Gawl.
Iris mutila Licht. ex Roem. & Schult. (17)
Iris tripetala L.f. (17)
M. tripetala (L.f.) Ker Gawl. var. *jacquinii* Schltr. ex G.J.Lewis (17)
M. tripetala (L.f.) Ker Gawl. var. *mutila* (Licht. ex Roem. & Schult.) Baker (17)
Vieusseuxia pulchra Eckl. (17)
Vieusseuxia tripetala (L.f.) Klatt (17)
Vieusseuxia tripetaloides DC., illegitimate name (17)
Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 15–1450 m. NC, WC

tripetala (L.f.) Ker Gawl. var. *jacquinii* Schltr. ex G.J.Lewis = **M. tripetala**

tripetala (L.f.) Ker Gawl. var. *mutila* (Licht. ex Roem. & Schult.) Baker = **M. tripetala**

tristis (L.f.) Ker Gawl. = **M. vegeta**

trita N.E.Br. = **M. stricta**

tulbaghensis L.Bolus
M. neopavonia R.C.Foster (27)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

umbellata Thunb.
Homeria umbellata (Thunb.) G.J.Lewis (23)
Rheome umbellata (Thunb.) Goldblatt (23)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt? WC

undulata Ker Gawl. = **M. gawleri**

unguiculata Ker Gawl.
M. tenuis Ker Gawl. (9)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 12–2000 m. NC, WC, EC

unibracteata Goldblatt
Perennial. Herb, geophyte. Ht 0.38–0.45 m. Alt ?–1770 m. KZN

vallisavium Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? WC

vallisbelli (Goldblatt) Goldblatt
Homeria vallisbelli Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC

variabilis (G.J.Lewis) Goldblatt
Galaxia variabilis G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.3–0.05 m. Alt? WC

vegeta L.
Ferraria tristis (L.f.) Salisb. (17)
Iris tristis L.f. (17)
M. iriopetala L.f., illegitimate name (17)
M. juncea in sense of N.E.Br., not of L., misapplied name (9)
M. sordescens Jacq. (9)
M. tristis (L.f.) Ker Gawl. (17)
Vieusseuxia graminifolia Eckl. (17)
Vieusseuxia rivularis Eckl., naked name (17)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 15–155 m. WC

venenata Dinter
M. polystachya (Thunb.) Ker Gawl. var. *brevicaulis* Stent (17)
M. toxicaria Dinter (17)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 915–1005 m. N, NC

verecunda Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC

versicolor (Salisb. ex Klatt) Goldblatt
Galaxia versicolor Salisb. ex Klatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.05 m. Alt? WC

vespertina Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.7–0.1 m. Alt? NC

vigilans Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt ± 2300 m. FS, KZN

villosa (Ker Gawl.) Ker Gawl. subsp. **elandsmontana** Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

villosa (Ker Gawl.) Ker Gawl. subsp. **villosa**
Perennial. Herb, geophyte. Ht ± 0.2 m. Alt 280–300 m. WC

violacea Baker = **M. elliotii**

virgata Jacq.
Hexaglottis virgata (Jacq.) Sweet subsp. *karooica* Goldblatt (28)
Hexaglottis virgata (Jacq.) Sweet subsp. *virgata* (24)
Hexaglottis virgata (Jacq.) Sweet var. *lata* G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.2–0.85 m. Alt 6–750 m. NC, WC, EC

viscaria (L.f.) Ker Gawl.
Iris viscaria L.f. (17)
M. odorata G.J.Lewis (17)
Vieusseuxia viscaria (L.f.) Eckl. (17)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 6–245 m. WC

viscaria (L.f.) Ker Gawl. var. *bituminosa* (L.f.) Baker = **M. bituminosa**

vlokii Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

worcesterensis Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

NIVENIA Vent. 1297000

(1) Brown. 1933. *Transactions of the Royal Society of South Africa* 21: 259–270.
(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 548.
(3) Weimarck. 1940. *Svensk Botanisk Tidskrift* 34: 356–372.
(4) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1504.
(5) Goldblatt. 1993. *The woody Iridaceae*: 1–139.
(6) Goldblatt. 1997. *Bothalia* 27: 101–103.

argentea Goldblatt
N. capitata (Klatt) Weim. (5)
Perennial. Shrub. Ht 0.4–0.6 m. Alt 360–1400 m. WC

binata Klatt
Perennial. Shrub. Ht 0.2–1 m. Alt ?–1550 m. WC

capitata (Klatt) Weim. = **N. argentea**

concinna N.E.Br.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 765–1220 m. WC

corymbosa (Ker Gawl.) Baker
Perennial. Shrub. Ht 0.4–2 m. Alt 700–800 m. WC

dispar N.E.Br.
Perennial. Shrub. Ht 0.4–0.8 m. Alt? WC

fruticosa (L.f.) Baker
Perennial. Shrub. Ht 0.1–0.2 m. Alt ?–914 m. WC

levynsiae Weim.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ?–460 m. WC

parviflora Goldblatt
Perennial. Shrub. Ht 0.3–0.5 m. Alt? WC

stenosiphon Goldblatt
Perennial. Shrub. Ht 0.2–1 m. Alt 1000–1500 m. WC

stokoei (L.Guthrie) N.E.Br.
Aristea stokoei L.Guthrie (1)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 35–765 m. WC

OENOSTACHYS Bullock 1311030

zambesiacus (Baker) Goldblatt = **Gladiolus magnificus**

PETAMENES Salisb. 1306070

abbreviatus (Andrews) N.E.Br. = **Gladiolus abbreviatus**

aethiopica (L.) E.Phillips = **Chasmanthe aethiopica**

bicolor (Gasp. ex Ten.) E.Phillips = **Chasmanthe bicolor**

buckerveldii (L.Bolus) N.E.Br. = **Gladiolus buckerveldii**

caffra (Baker) E.Phillips = **Tritoniopsis caffra**

cunonia (L.) E.Phillips = **Gladiolus cunonius**

duftii (Schinz) E.Phillips = **Gladiolus saccatus**

floribunda (Salisb.) E.Phillips = **Chasmanthe floribunda** var. **floribunda**

fucata (Herb.) E.Phillips = **Crocosmia fucata**

gracilis (N.E.Br.) E.Phillips = **Gladiolus saccatus**

guthriei (L.Bolus) N.E.Br. = **Gladiolus overbergensis**

intermedia (Baker) E.Phillips = **Tritoniopsis intermedia**

magnificus (Harms) R.C.Foster = **Gladiolus magnificus**

peglerae (N.E.Br.) E.Phillips = **Chasmanthe aethiopica**

pilosus (Klatt) Goldblatt = **Gladiolus bonaspei**

saccatus (Klatt) E.Phillips = **Gladiolus saccatus**

spectabilis (Schinz) E.Phillips = **Gladiolus magnificus**

splendens (Sweet) E.Phillips = **Gladiolus splendens**

steingroeveri (Pax) E.Phillips = **Gladiolus saccatus**

vittigera (Salisb.) E.Phillips = **Chasmanthe aethiopica**

zambesiacus (Baker) N.E.Br. = **Gladiolus magnificus**

PILLANSIA L.Bolus 1315010

(1) Bolus. 1915. *Annals of the Bolus Herbarium* 1: 20, 21.
(2) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1381.

templemannii (Baker) L.Bolus
Perennial. Herb, geophyte. Ht 0.6–0.9 m. Alt 60–550 m. WC

RADINOSIPHON N.E.Br. 1311040

(1) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 261–280.
(2) Carter. 1962. *The Flowering Plants of Africa* 35: t. 1384.

leptosiphon (F.Bolus) N.E.Br. = **Gladiolus leptosiphon**

leptostachya (Baker) N.E.Br.
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 565–2100 m. M, S

lomatensis (N.E.Br.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 1800–2100 m. M

RHEOME Goldblatt 1277020

maximiliani (Schltr.) Goldblatt = **Moraea maximiliani**

umbellata (Thunb.) Goldblatt = **Moraea umbellata**

ROGGEVELDIA Goldblatt 1277030

fistulosa Goldblatt = **Moraea fistulosa**

montana Goldblatt = **Moraea monticola**

ROMULEA Maratti 1261000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 90.
(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 544.
(3) De Vos. 1952. *The Flowering Plants of Africa* 29: tt. 1135–1137.
(4) De Vos. 1971. *The Flowering Plants of Africa* 41: t. 1612.
(5) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1613.
(6) De Vos. 1972. *Journal of South African Botany* Suppl. 9: 1–307.
(7) De Vos. 1983. *FSA* 7,2, Fasc. 2: 10–76.
(8) De Vos. 1987. *South African Journal of Botany* 53: 247, 248.
(9) Goldblatt. 1993. *FZ* 12: 63, 64.
(10) Manning & Goldblatt. 2001. *Adansonia* 23: 59–98.

albiflora J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 1500–1585 m. NC

albomarginata M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 1200–1500 m. WC

amoena Schltr. ex Bég.
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 800–850 m. NC

aquatica G.J.Lewis
Perennial. Herb, geophyte, hydrophyte. Ht 0.2–0.6 m. Alt ± 200 m. WC

atrandra G.J.Lewis var. **atrandra**
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 200–1830 m. NC, WC

atrandra G.J.Lewis var. **esterhuyseniae** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 100–2135 m. NC, WC

atrandra G.J.Lewis var. **lewisiae** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 50–1500 m. WC, EC

atrandra G.J.Lewis var. *luteoflora* M.P.de Vos = **R. luteoflora** var. **luteoflora**

austinii E.Phillips
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 200–1500 m. NC, WC

autumnalis L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 5–700 m. EC

barkerae M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 10–50 m. WC

biflora (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 180–1100 m. WC

camerooniana Baker
R. campanuloides Harms var. *campanuloides* (9)
R. campanuloides Harms var. *gigantea* M.P.de Vos (9)
R. thodei Schltr. (9)
R. thodei Schltr. subsp. *gigantea* M.P.de Vos (9)
Perennial. Geophyte. Ht 0.1–0.25 m. Alt 1500–2860 m. M, FS, KZN, L, EC

campanuloides Harms var. *campanuloides* = **R. camerooniana**

campanuloides Harms var. *gigantea* M.P.de Vos = **R. camerooniana**

cedarbergensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt 1000–1500 m. WC

citrina Baker
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 600–1525 m. NC

cruciata (Jacq.) Baker var. **cruciata**
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 50–100 m. WC

cruciata (Jacq.) Baker var. **intermedia** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 15–1000 m. NC, WC

dichotoma (Thunb.) Baker
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 45–185 m. WC, EC

discifera J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ± 800 m. NC

diversiformis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 1500–1675 m. NC

elliptica M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 100–150 m. WC

eximia M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 100–610 m. WC

fibrosa M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 110–1830 m. WC, EC

flava (Lam.) M.P.de Vos var. **flava**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–1065 m. WC

flava (Lam.) M.P.de Vos var. **hirsuta** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 30–1065 m. WC

flava (Lam.) M.P.de Vos var. **minor** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–1190 m. NC, WC

flava (Lam.) M.P.de Vos var. **viridiflora** (Bég.) M.P.de Vos
R. similis Eckl. ex Baker (6)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 50–150 m. NC, WC

flexuosa Klatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 500–800 m. NC, WC

gigantea Bég.
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 50–100 m. WC, EC

gracillima Baker
Perennial. Herb, geophyte. Ht 0.06–0.25 m. Alt 50–200 m. WC

hallii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt ± 1500 m. NC

hantamensis (Diels) Goldblatt
Perennial. Herb, geophyte. Ht 0.7–0.15 m. Alt 1600–1700 m. NC

hirsuta (Steud. ex Klatt) Baker var. **cuprea** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 2–200 m. WC

hirsuta (Steud. ex Klatt) Baker var. **framesii** (L.Bolus) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 150–250 m. WC

hirsuta (Steud. ex Klatt) Baker var. **hirsuta**
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 30–535 m. WC

hirsuta (Steud. ex Klatt) Baker var. **zeyheri** (Baker) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 150–250 m. WC

hirta Schltr.
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 500–800 m. NC, WC

jugicola M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 50–610 m. WC

kamisensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 500–1184 m. NC

komsbergensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt 1500–1600 m. NC

leipoldtii Marais
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 90–800 m. NC, WC

lilacina J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt ± 1200 m. WC

longipes Schltr.
Perennial. Herb, geophyte. Ht 0.02–0.5 m. Alt 15–700 m. EC

longituba L.Bolus var. *alticola* B.L.Burtt = **R. macowanii** var. **alticola**

luteoflora (M.P.de Vos) M.P.de Vos var. **luteoflora**
R. atrandra G.J.Lewis var. *luteoflora* M.P.de Vos (6)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 820–1578 m. NC, WC

luteoflora (M.P.de Vos) M.P.de Vos var. **sanisensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 2000 m. L

macowanii Baker var. **alticola** (B.L.Burtt) M.P.de Vos
R. longituba L.Bolus var. *alticola* B.L.Burtt (6)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1500–2000 m. L, EC

macowanii Baker var. **macowanii**
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1500–2025 m. FS, L, EC

macowanii Baker var. **oreophila** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 2500–3000 m. L, EC

maculata J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. NC

malaniae M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 1000–1200 m. WC

membranacea M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 800–1500 m. NC

minutiflora Klatt
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 5–1065 m. NC, WC, EC

monadelpha (Sweet) Baker
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 800–1127 m. NC

montana Schltr. ex Bég.
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 670–915 m. NC, WC

monticola M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.25 m. Alt 750–800 m. WC

multifida M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt ± 1500 m. NC

multisulcata M.P.de Vos
Perennial. Herb, geophyte, hydrophyte. Ht 0.3–0.5 m. Alt 50–200 m. NC, WC

namaquensis M.P.de Vos
R. namaquensis M.P.de Vos subsp. *bolusii* M.P.de Vos (6)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 800–1000 m. NC

namaquensis M.P.de Vos subsp. *bolusii* M.P.de Vos = **R. namaquensis**

neglecta (Schult.) M.P.de Vos
R. oliveri M.P.de Vos (7)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ± 1500 m. NC

obscura Klatt var. **blanda** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC

obscura Klatt var. **campestris** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 140–230 m. WC

obscura Klatt var. **obscura**
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC

obscura Klatt var. **subtestacea** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC

oliveri M.P.de Vos = **R. neglecta**

papyracea Wolley-Dod = **R. schlechteri**

pearsonii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 500–1200 m. NC

pratensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.25 m. Alt 100–610 m. WC, EC

rosea (L.) Eckl. var. **australis** (Ewart) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 105–185 m. WC, EC

rosea (L.) Eckl. var. **communis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 200–1000 m. WC

rosea (L.) Eckl. var. **elegans** (Klatt) Bég.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 100–185 m. WC

rosea (L.) Eckl. var. **reflexa** (Eckl.) Bég.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 45–2135 m. WC

rosea (L.) Eckl. var. **rosea**
Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt 30–460 m. WC

rupestris J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. NC

sabulosa Schltr. ex Bég.
Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt 800–820 m. NC

saldanhensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 50–100 m. WC

sanguinalis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ± 800 m. NC

saxatilis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 1000–1500 m. WC

schlechteri Bég.
R. papyracea Wolley-Dod (10)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 100–762 m. WC

setifolia N.E.Br. var. **aggregata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–680 m. NC, WC

setifolia N.E.Br. var. **belviderica** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–200 m. WC

setifolia N.E.Br. var. **ceresiana** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt ± 1000 m. WC

setifolia N.E.Br. var. **setifolia**
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–1500 m. NC, WC, EC

similis Eckl. ex Baker = **R. flava** var. **viridiflora**

sinispinosensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.2 m. Alt 10–100 m. WC

sladenii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.07–0.3 m. Alt ± 800 m. WC

sphaerocarpa M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. WC

spiralis (Burch.) Baker = **Geissorhiza spiralis**

stellata M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 800 m. WC

subfistulosa M.P.de Vos
R. vanzyliae M.P.de Vos (10)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 1200–1500 m. NC

sulphurea Bég.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 700–800 m. WC

syringodeoflora M.P.de Vos
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt 1500–1585 m. NC

tabularis Eckl. ex Bég.
Perennial. Herb, geophyte. Ht 0.01–0.4 m. Alt 60–1005 m. NC, WC

tetragona M.P.de Vos var. **flavandra** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 1000–1578 m. NC, WC

tetragona M.P.de Vos var. **tetragona**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 800–1500 m. NC, WC

thodei Schltr. = **R. camerooniana**

thodei Schltr. subsp. *gigantea* M.P.de Vos = **R. camerooniana**

tortilis Baker var. **dissecta** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt ± 700 m. WC

tortilis Baker var. **tortilis**
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt 200–500 m. WC

tortuosa (Licht. ex Roem. & Schult.) Baker subsp. **aurea** (Klatt) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 820–1500 m. NC

tortuosa (Licht. ex Roem. & Schult.) Baker subsp. **depauperata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 800–1366 m. WC

tortuosa (Licht. ex Roem. & Schult.) Baker subsp. **tortuosa**
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 820–1500 m. NC, WC

toximontana M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ± 800 m. NC, WC

triflora (Burm.f.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–600 m. WC

unifolia M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1500 m. NC

vanzyliae M.P.de Vos = **R. subfistulosa**

vinacea M.P.de Vos
Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt ± 800 m. WC

viridibracteata M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ± 800 m. NC, WC

vlokii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt ± 1200 m. WC

SCHIZOSTYLIS Backh. & Harv. 1299000

coccinea Backh. & Harv. = **Hesperantha coccinea**

pauciflora Klatt = **Hesperantha coccinea**

SESSILISTIGMA Goldblatt 1277040

radians Goldblatt = **Moraea radians**

SPARAXIS Ker Gawl. 1307000

(1) Baker. 1896. *FC* 6: 86, 115–117, 134, 135.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 60.
(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 97.
(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 162.
(5) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 320.
(6) Brown. 1929. *Kew Bulletin* 1929: 129–139.
(7) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 338.
(8) Bolus. 1932. *South African Gardening and Country Life* 22: 57, 275, 276.
(9) Lewis. 1956. *Annals of the South African Museum* 40: 137–151.
(10) Goldblatt. 1969. *Journal of South African Botany* 35: 219–252.
(11) Goldblatt. 1992. *Annals of the Missouri Botanical Garden* 79: 143–159.
(12) Goldblatt & Manning. 1999. *Bothalia* 29: 59–63.
(13) Goldblatt. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 151–169.

albiflora Eckl. = **S. bulbifera**

atropurpurea Klatt: 389 (1882), illegitimate name, superfluous pro *I. holosericea* Jacq. = **S. grandiflora** subsp. **grandiflora**

auriculata Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ± 800 m. WC

bicolor (Thunb.) Ker Gawl. = **S. villosa**

bulbifera (L.) Ker Gawl.
Belamcanda bulbifera (L.) Moench (10)
Ixia bulbifera L. (1)
S. albiflora Eckl. (10)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 120–245 m. WC

bulbifera (L.) Ker Gawl. var. *violacea* (Eckl.) Baker in sense of Baker = **S. grandiflora** subsp. **violacea**

cana Eckl. = **S. grandiflora** subsp. **violacea**

caryophyllacea Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

cuprea (Sweet) Klatt = **S. elegans**

elegans (Sweet) Goldblatt
S. cuprea (Sweet) Klatt (10)
Streptanthera cuprea Sweet (10)
Streptanthera cuprea Sweet var. *non-picta* L.Bolus (10)
Streptanthera elegans Sweet (10)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 700–765 m. NC

fimbriata (Lam.) Ker Gawl. = **S. grandiflora** subsp. **fimbriata**

fragrans (Jacq.) Ker Gawl.
Gladiolus odorus Schrank, illegitimate name (10)
Ixia fragrans Jacq. (10)
Ixia sordida Hornem. (10)
Perennial. Herb, geophyte. Ht 0.07–0.3 m. Alt ?–460 m. WC

galeata Ker Gawl.
Gladiolus galeatus Jacq. (11)
Synnotia bicolor Pole Evans, not of (Thunb.) Sweet (11)
Synnotia galeata (Ker Gawl.) Sweet (11)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 140–155 m. WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **acutiloba** Goldblatt
Ixia monanthos D.Delaroche (10)
S. lutea Eckl. (10)
S. monanthos (D.Delaroche) N.E.Br. (10)
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt 151–460 m. WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **fimbriata** (Lam.) Goldblatt
Ixia fimbriata Lam. (10)
Ixia liliago DC. (10)
S. fimbriata (Lam.) Ker Gawl. (10)
S. grandiflora (D.Delaroche) Ker Gawl. var. *liliago* (DC.) Ker Gawl. (10)
S. grandiflora (D.Delaroche) Ker Gawl. var. *striata* Sweet (10)
S. liliago (DC.) Sweet (10)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–155 m. WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **grandiflora**
Ixia aristata Thunb. var. *atropurpurea* Andrews (10)
Ixia grandiflora D.Delaroche (10)
Ixia holosericea Jacq. (10)
Ixia uniflora L. (10)
S. atropurpurea Klatt: 389 (1882), illegitimate name, superfluous pro *I. holosericea* Jacq. (10)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1524 m. WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **violacea** (Eckl.) Goldblatt
S. bulbifera (L.) Ker Gawl. var. *violacea* (Eckl.) Baker, in sense of Baker (10)
S. cana Eckl. (10)
S. violaceae Eckl. (10)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 400–610 m. WC

grandiflora (D.Delaroche) Ker Gawl. var. *liliago* (DC.) Ker Gawl. = **S. grandiflora** subsp. **fimbriata**

grandiflora (D.Delaroche) Ker Gawl. var. *striata* Sweet = **S. grandiflora** subsp. **fimbriata**

liliago (DC.) Sweet = **S. grandiflora** subsp. **fimbriata**

lutea Eckl. = **S. grandiflora** subsp. **acutiloba**

maculosa Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

metelerkampiae (L.Bolus) Goldblatt & J.C.Manning
S. variegata (Sweet) Goldblatt subsp. *metelerkampiae* (L.Bolus) Goldblatt (11)
Synnotia metelerkampiae L.Bolus (11)
Synnotia variegata Sweet var. *metelerkampiae* (L.Bolus) G.J.Lewis (11)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC, WC

monanthos (D.Delaroche) N.E.Br. = **S. grandiflora** subsp. **acutiloba**

orchidiflora Lodd. = **S. variegata**

parviflora (G.J.Lewis) Goldblatt
Synnotia parviflora G.J.Lewis (11)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt ?–45 m. WC

pillansii L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–1000 m. NC

roxburghii (Baker) Goldblatt
Synnotia roxburghii (Baker) G.J.Lewis (10)
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

tricolor (Schneev.) Ker Gawl.
Ixia tricolor Schneev. (9)
Streptanthera tricolor (Schneev.) Klatt (9)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NC

variegata (Sweet) Goldblatt
S. orchidiflora Lodd. (9)
S. walthamii Hort (11)
S. wattii Harv. (11)
Synnotia variegata Sweet var. *variegata* (11)
Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt? WC

variegata (Sweet) Goldblatt subsp. *metelerkampiae* (L.Bolus) Goldblatt = **S. metelerkampiae**

villosa (Burm.f.) Goldblatt
Gladiolus bicolor Thunb. (11)
Gladiolus villosus Burm.f. (11)
S. bicolor (Thunb.) Ker Gawl. (11)
Synnotia bicolor (Thunb.) Sweet (11)
Synnotia villosa (Burm.f.) N.E.Br. (11)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 150–610 m. WC

violaceae Eckl. = **S. grandiflora** subsp. **violacea**

walthamii Hort = **S. variegata**

wattii Harv. = **S. variegata**

STREPTANTHERA Sweet 1304000

cuprea Sweet = **Sparaxis elegans**

cuprea Sweet var. *non-picta* L.Bolus = **Sparaxis elegans**

elegans Sweet = **Sparaxis elegans**

tricolor (Schneev.) Klatt = **Sparaxis tricolor**

SYNNOTIA Sweet 1309000

bicolor Pole Evans, not of (Thunb.) Sweet = **Sparaxis galeata**

bicolor (Thunb.) Sweet = **Sparaxis villosa**

galeata (Ker Gawl.) Sweet = **Sparaxis galeata**

metelerkampiae L.Bolus = **Sparaxis metelerkampiae**

parviflora G.J.Lewis = **Sparaxis parviflora**

roxburghii (Baker) G.J.Lewis = **Sparaxis roxburghii**

variegata Sweet var. *metelerkampiae* (L.Bolus) G.J.Lewis = **Sparaxis metelerkampiae**

variegata Sweet var. *variegata* = **Sparaxis variegata**

villosa (Burm.f.) N.E.Br. = **Sparaxis villosa**

SYRINGODEA Hook.f. 1260000

(1) Phillips. 1917. *Annals of the South African Museum* 9: 125, 126.
(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 547.
(3) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1638.
(4) De Vos. 1974. *Journal of South African Botany* 40: 201–254.
(5) De Vos. 1983. *FSA* 7,2, Fasc. 2: 1–9.

bicolor Baker = **S. bifucata**

bifucata M.P.de Vos
S. bicolor Baker (5)
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–1770 m. G, FS, EC

concolor (Baker) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt 518–2560 m. EC

derustensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt ?–500 m. WC

filifolia Baker = **S. longituba** var. **longituba**

flanaganii Baker
Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt ?–730 m. EC

linifolia E.Phillips = **Duthiastrum linifolium**

longituba (Klatt) Kuntze var. **longituba**
S. filifolia Baker (4)
Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 90–765 m. NC, WC

longituba (Klatt) Kuntze var. **violacea** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 365–1110 m. WC

pulchella Hook.f.
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? EC

saxatilis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt? WC

unifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? NC, WC

THEREIANTHUS G.J.Lewis 1313010

(1) Lewis. 1941. *Journal of South African Botany* 7: 33–43.
(2) Goldblatt. 1989. *Annals of Kirstenbosch Botanic Gardens* 19: 143.
(3) Goldblatt & Manning. 2003. *Novon*. In press.

bracteolatus (Lam.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 60–765 m. WC

ixioides G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt ?–914 m. WC

juncifolius (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 280–1585 m. WC

lapeyrousioides (Baker) G.J.Lewis var. *elatior* G.J.Lewis = **T. minutus**

lapeyrousioides (Baker) G.J.Lewis var. *lapeyrousioides* = **T. minutus**

longicollis (Schltr.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt ?–365 m. WC

minutus (Klatt) G.J.Lewis
T. lapeyrousioides (Baker) G.J.Lewis var. *elatior* G.J.Lewis (3)
T. lapeyrousioides (Baker) G.J.Lewis var. *lapeyrousioides* (2)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 520–1300 m. WC

racemosus (Klatt) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

spicatus (L.) G.J.Lewis var. **linearifolius** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt ?–610 m. WC

spicatus (L.) G.J.Lewis var. **spicatus**
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 45–610 m. WC

TRITONIA Ker Gawl. 1306000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 94.
(2) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1315.
(3) Goldblatt & Collett. 1972. *The Flowering Plants of Africa* 42: tt. 1655, 1656.
(4) De Vos. 1982. *Journal of South African Botany* 48: 105–163.
(5) De Vos. 1983. *Journal of South African Botany* 49: 347–422.
(6) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 89–128.

atrorubens (N.E.Br.) L.Bolus
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 305–305 m. EC

aurea Pappe ex Hook. = **Crocosmia aurea** var. **aurea**

bakeri Klatt subsp. **bakeri**
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt 245–1158 m. WC

bakeri Klatt subsp. **lilacina** (L.Bolus) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? WC, EC

chrysantha Fourc.
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–1005 m. EC

coccinea L.Bolus = **T. disticha** subsp. **disticha**

cooperi (Baker) Klatt subsp. **cooperi**
Perennial. Herb, geophyte. Ht ± 0.3 m. Alt 100–460 m. WC

cooperi (Baker) Klatt subsp. **quadrialata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–200 m. WC

crispa (L.f.) Ker Gawl. var. **crispa**
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–915 m. NC, WC

crispa (L.f.) Ker Gawl. var. **parviflora** Baker
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

crocata in sense of Baker = **T. deusta** subsp. **miniata**

crocata in sense of Baker var. *miniata* (Jacq.) Baker = **T. deusta** subsp. **miniata**

crocata (L.) Ker Gawl.
Gladiolus crocatus (L.) Pers. (6)
Ixia crocata L. (6)
Ixia fenestrata Jacq. (6)
Ixia hyalina L.f. (6)
Ixia iridifolia D.Delaroche (6)
Ixia planifolia Mill. ex Roem. & Schult. (6)
T. fenestrata (Jacq.) Ker Gawl. (6)
T. hyalina Baker (4)
T. sanguinea Eckl. (6)
Tritonixia crocata (L.) Klatt (6)
Tritonixia hyalina (L.f.) Klatt (6)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 90–610 m. WC, EC

delpierrei M.P.de Vos = **T. marlothii** subsp. **delpierrei**

deusta (Aiton) Ker Gawl. subsp. **deusta**
Ixia crocata L. var. *a* Thunb. (6)
Ixia crocata L. var. *nigromaculata* Andrews (6)
Ixia deusta Aiton (6)
Ixia gibba Salisb., superfluous name (6)
Ixia miniata DC. var. *nigromaculata* DC. (6)
Tritonixia coccinea Eckl. (6)
Tritonixia deusta (Aiton) Klatt (6)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 90–200 m. WC

deusta (Aiton) Ker Gawl. subsp. **miniata** (Jacq.) M.P.de Vos
Ixia miniata Jacq. (6)
T. miniata (Jacq.) Ker Gawl. (6)
Tritonixia miniata (Jacq.) Klatt (6)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 15–380 m. WC

disticha (Klatt) Baker subsp. **disticha**
T. coccinea L.Bolus (5)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 30–230 m. KZN, EC

disticha (Klatt) Baker subsp. **rubrolucens** (R.C.Foster) M.P.de Vos
T. rubrolucens R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt 15–2285 m. M, S, FS, KZN, WC, EC

drakensbergensis M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–2317 m. EC

dubia Eckl. ex Klatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt 5–1400 m. EC

fenestrata (Jacq.) Ker Gawl. = **T. crocata**

flabellifolia (D.Delaroche) G.J.Lewis var. **flabellifolia**
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–50 m. WC

flabellifolia (D.Delaroche) G.J.Lewis var. **major** (Ker Gawl.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 100–235 m. WC

flabellifolia (D.Delaroche) G.J.Lewis var. **thomasiae** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? WC

flava in sense of Baker, not of (Aiton) Ker Gawl. = **T. karooica**

flavida Schltr. = **T. lineata** var. **lineata**

florentiae (Marloth) Goldblatt
Montbretiopsis florentiae (Marloth) L.Bolus (5)
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt ?–885 m. NC, WC

fucata Herb. = **Crocosmia fucata**

hyalina Baker = **T. crocata**

kamisbergensis Klatt
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? NC

karooica M.P.de Vos
T. flava in sense of Baker, not of (Aiton) Ker Gawl. (5)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 910–1130 m. NC, WC

kraussii Baker = **T. lineata** var. **lineata**

lancea (Thunb.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

laxifolia Benth. ex Baker
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 50–1670 m. EC

lineata (Salisb.) Ker Gawl. var. **lineata**
T. flavida Schltr. (5)
T. kraussii Baker (5)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 20–2425 m. M, FS, KZN, L, WC, EC

lineata (Salisb.) Ker Gawl. var. **parvifolia** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 45–305 m. EC

marlothii M.P.de Vos subsp. **marlothii**
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 600–860 m. NC

marlothii subsp. **delpierrei** (M.P.de Vos) M.P.de Vos
T. delpierrei M.P.de Vos (6)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 600–860 m. NC

masonorum L.Bolus = **Crocosmia masonorum**

mathewsiana L.Bolus = **Crocosmia mathewsiana**

miniata (Jacq.) Ker Gawl. = **T. deusta** subsp. **miniata**

nelsonii Baker
Perennial. Herb, geophyte. Ht 0.3–1.21 m. Alt 425–2266 m. B, LIM, G, M

pallida Ker Gawl. subsp. **pallida**
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 365–759 m. WC

pallida Ker Gawl. subsp. **taylorae** (L.Bolus) M.P.de Vos
T. taylorae L.Bolus (5)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–549 m. WC

parvula N.E.Br.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–457 m. WC, EC

pottsii (Macnab ex Baker) Baker = **Crocosmia pottsii**

rubrolucens R.C.Foster = **T. disticha** subsp. **rubrolucens**

sanguinea Eckl. = **T. crocata**

securigera (Aiton) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 305–667 m. WC, EC

squalida (Aiton) Ker Gawl.
Ixia hyalina in sense of DC. (6)
Ixia squalida Aiton var. *patula* Aiton (6)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 155–185 m. WC

strictifolia (Klatt) Benth. ex Klatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 30–701 m. EC

taylorae L.Bolus = **T. pallida** subsp. **taylorae**

teretifolia Baker = **Gladiolus inandensis**

tugwelliae L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–600 m. WC

ventricosa Baker = **Gladiolus brevitubus**

watermeyeri L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC

wilsonii Baker = **Gladiolus wilsonii**

TRITONIOPSIS L.Bolus 1312010

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 359.
(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 549.
(3) Lewis. 1959. *Journal of South African Botany* 25: 319–355.
(4) Lewis. 1960. *Journal of South African Botany* 26: 51–72.
(5) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1400.
(6) Goldblatt. 1990. *South African Journal of Botany* 56: 577–582.
(7) Goldblatt. 1991. *South African Journal of Botany* 57: 226.
(8) Wijnands & Goldblatt. 1992. *Candollea* 47: 357–366.
(9) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.
(10) Manning & Goldblatt. 2001. *Bothalia* 31: 175–181.

antholyza (Poir.) Goldblatt
Anapalina longituba Fourc. (10)
Anapalina nervosa (Thunb.) G.J.Lewis (7)
T. longituba (Fourc.) Goldblatt (10)
Perennial. Herb, geophyte. Ht 0.35–0.9 m. Alt 21–1219 m. NC, WC, EC

apiculata (F.Bolus) G.J.Lewis var. *apiculata* = **T. revoluta**

apiculata (F.Bolus) G.J.Lewis var. *minor* G.J.Lewis = **T. revoluta**

bicolor J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

burchellii (N.E.Br.) Goldblatt
Anapalina burchellii (N.E.Br.) N.E.Br. (6)
Perennial. Herb, geophyte. Ht 0.01–0.72 m. Alt 106–280 m. WC

caffra (Ker Gawl. ex Baker) Goldblatt
Anapalina caffra (Ker Gawl. ex Baker) G.J.Lewis (6)
Chasmanthe caffra (Baker) N.E.Br. (6)
Petamenes caffra (Baker) E.Phillips (6)
Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 15–1090 m. WC, EC

caledonensis (R.C.Foster) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

dodii (G.J.Lewis) G.J.Lewis
Hebea dodii G.J.Lewis (3)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 85–1249 m. WC

elongata (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–457 m. WC

flava J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

flexuosa (L.f.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–285 m. WC

intermedia (Baker) Goldblatt
Anapalina intermedia (Baker) G.J.Lewis (6)
Chasmanthe intermedia (Baker) N.E.Br. (6)
Petamenes intermedia (Baker) E.Phillips (6)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–731 m. WC, EC

lata (L.Bolus) G.J.Lewis var. **lata**
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 85–1145 m. WC

lata (L.Bolus) G.J.Lewis var. **longibracteata** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–765 m. WC

latifolia G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC

lesliei L.Bolus
Perennial. Herb, geophyte. Ht 0.35–0.65 m. Alt? WC

longituba (Fourc.) Goldblatt = **T. antholyza**

nemorosa (E.Mey. ex Klatt) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt ?–230 m. WC

nervosa (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 610–1310 m. WC

parviflora (Jacq.) G.J.Lewis var. **angusta** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

parviflora (Jacq.) G.J.Lewis var. **parviflora**
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 15–1065 m. WC

pulchella G.J.Lewis var. **alpina** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

pulchella G.J.Lewis var. **pulchella**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 914–1219 m. WC

pulchra (Baker) Goldblatt
Anapalina pulchra (Baker) N.E.Br. (6)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 155–825 m. WC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **ramosa**
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 90–1340 m. WC, EC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **robusta** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **unguiculata** (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–305 m. WC

revoluta (Burm.f.) Goldblatt
Antholyza revoluta Burm. (8)
T. apiculata (F.Bolus) G.J.Lewis var. *apiculata* (8)
T. apiculata (F.Bolus) G.J.Lewis var. *minor* G.J.Lewis (8)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 365–1200 m. WC

toximontana J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.65 m. Alt? WC

triticea (Burm.f.) Goldblatt
Anapalina triticea (Burm.f.) N.E.Br. (6)
Antholyza lucidor Baker (4)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 15–1000 m. WC

unguicularis (Lam.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.23–0.5 m. Alt 365–915 m. WC

williamsiana Goldblatt
Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt ± 20 m. WC

TRITONIXIA Klatt 1306110

coccinea Eckl. = **Tritonia deusta** subsp. **deusta**

crocata (L.) Klatt = **Tritonia crocata**

deusta (Aiton) Klatt = **Tritonia deusta** subsp. **deusta**

hyalina (L.f.) Klatt = **Tritonia crocata**

miniata (Jacq.) Klatt = **Tritonia deusta** subsp. **miniata**

VIEUSSEUXIA D.Delaroche 1265040

angustifolia Eckl., naked name = **Moraea gawleri**

bituminosa (L.f.) Eckl. = **Moraea bituminosa**

brehmii Eckl., naked name = **Moraea gawleri**

edulis (L.f.) Link = **Moraea fugax** subsp. **fugax**

freuchenia (Eckl.) Steud., invalid name = **Moraea ramosissima**

fugax D.Delaroche = **Moraea fugax** subsp. **fugax**

geniculata Eckl., naked name = **Moraea lugubris**

graminifolia Eckl. = **Moraea vegeta**

intermedia Eckl., naked name = **Moraea papilionacea**

nervosa Eckl., naked name = **Moraea papilionacea**

pulchra Eckl. = **Moraea tripetala**

rivularis Eckl., naked name = **Moraea vegeta**

tripetala (L.f.) Klatt = **Moraea tripetala**

tripetaloides DC., illegitimate name = **Moraea tripetala**

viscaria (L.f.) Eckl. = **Moraea viscaria**

WATSONIA Mill. 1315000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 45.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 235, 238.
(3) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 296.
(4) Lewis. 1938. *The Flowering Plants of South Africa* 18: t. 689.
(5) Bolus. 1939. *The Flowering Plants of South Africa* 19: tt. 748–750.
(6) Lewis. 1939. *The Flowering Plants of South Africa* 19: tt. 726, 741–747.
(7) Bolus. 1945. *The Flowering Plants of Africa* 25: tt. 973, 974, 983.
(8) Verdoorn. 1959. *The Flowering Plants of Africa* 33: tt. 1293, 1294.
(9) Obermeyer. 1962. *Bothalia* 8: 115, 116.
(10) Marais. 1980. *Kew Bulletin* 35: 172.
(11) Roux. 1980. *Journal of South African Botany* 46: 365–378.
(12) Goldblatt. 1987. *Annals of the Missouri Botanical Garden* 74: 570–572.
(13) Goldblatt. 1989. *Annals of Kirstenbosch Botanic Gardens* 19: 1–148.
(14) Goldblatt. 1991. *South African Journal of Botany* 57: 226.
(15) Cooke. 1998. *Journal of the Adelaide Botanic Gardens* 18: 5–7.

albertiniensis P.E.Glover = **W. laccata**

aletroides (Burm.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 8–915 m. WC

alpina G.J.Lewis = **W. strubeniae**

amabilis Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? WC

amatolae Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1494 m. EC

angusta Ker Gawl.
Perennial. Herb, geophyte. Ht 0.8–1.2 m. Alt 15–1525 m. KZN, WC, EC

archbelliae L.Bolus = **W. pillansii**

ardernei J.W.Mathews & L.Bolus = **W. borbonica** subsp. **ardernei**

bachmannii L.Bolus
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–200 m. KZN, EC

baurii L.Bolus = **W. gladioloides**

beatricis J.W.Mathews & L.Bolus = **W. pillansii**

bella N.E.Br. ex Goldblatt
Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt ?–2250 m. M, S

borbonica (Pourr.) Goldblatt subsp. **ardernei** (Sander) Goldblatt
W. ardernei J.W.Mathews & L.Bolus (13)
W. obrienii (N.E.Br.) Tubergen (13)
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt? WC

borbonica (Pourr.) Goldblatt subsp. **borbonica**
W. cooperi (Baker) L.Bolus (13)
W. pyramidata (Andrews) Stapf (12)
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 15–1219 m. WC

brevifolia Ker Gawl. = **W. laccata**

bulbillifera J.W.Mathews & L.Bolus = **W. meriana** var. **bulbillifera**

caledonica Baker = **W. laccata**

canaliculata Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? KZN

coccinea Herb. ex Baker
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 45–765 m. WC

comptonii L.Bolus = **W. zeyheri**

confusa Goldblatt
Perennial. Herb, geophyte. Ht 0.5–1.5 m. Alt ?–1935 m. KZN, EC

cooperi (Baker) L.Bolus = **W. borbonica** subsp. **borbonica**

densiflora Baker
W. neglecta N.E.Br. (13)
W. plantii N.E.Br. (13)
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 30–2042 m. KZN, EC

desmidtii L.Bolus = **W. wilmaniae**

distans L.Bolus
W. pauciflora L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 180–915 m. WC

dubia Eckl. ex Klatt
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–305 m. WC

ecklonii L.Bolus = **W. versfeldii**

elimensis L.Bolus = **W. zeyheri**

elsiae Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt? WC

emiliae L.Bolus
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

fergusoniae L.Bolus
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt ?–170 m. WC

flavida L.Bolus = **W. watsonioides**

fourcadei J.W.Mathews & L.Bolus
W. ryderae L.Bolus (11)
W. stanfordiae L.Bolus (13)
W. stohrii L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.9–1.8 m. Alt 21–1200 m. WC, EC

galpinii L.Bolus
Perennial. Herb, geophyte. Ht 0.8–1.5 m. Alt? WC, EC

gladioloides Schltr.
W. baurii L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt ?–2700 m. KZN, L, EC

humilis Mill.
W. roseoalba Ker Gawl. (13)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 45–120 m. WC

hysterantha J.W.Mathews & L.Bolus
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? WC

inclinata Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? KZN

knysnana L.Bolus
Perennial. Herb, geophyte. Ht 1.2–1.6 m. Alt 50–1067 m. WC, EC

laccata (Jacq.) Ker Gawl.
W. albertiniensis P.E.Glover (13)
W. brevifolia Ker Gawl. (13)
W. caledonica Baker (13)
W. muirii E.Phillips (13)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 60–765 m. WC, EC

latifolia N.E.Br. ex Oberm.
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt 641–1950 m. M, S, KZN

leipoldtii L.Bolus = **W. meriana** var. **meriana**

lepida N.E.Br.
Perennial. Herb, geophyte. Ht 0.25–0.7 m. Alt ?–2450 m. FS, KZN, L

marginata (L.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 215–914 m. NC, WC

marlothii L.Bolus
Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt ?–2000 m. WC

masoniae L.Bolus = **W. pillansii**

meriana (L.) Mill. var. **bulbillifera** (J.W.Mathews & L.Bolus) D.A.Cooke
W. bulbillifera J.W.Mathews & L.Bolus (15)
Perennial. Herb, geophyte. Ht 0.8–2 m. Alt? WC

meriana (L.) Mill. var. **meriana**
W. leipoldtii L.Bolus (13)
W. vivipara J.W.Mathews & L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 60–1219 m. NC, WC

middlemostii L.Bolus = **W. rogersii**

minima Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–975 m. WC

mtamvunae Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt ?–365 m. KZN, EC

muirii E.Phillips = **W. laccata**

natalensis Eckl. = **Gladiolus dalenii** subsp. **dalenii**

neglecta N.E.Br. = **W. densiflora**

obrienii (N.E.Br.) Tubergen = **W. borbonica** subsp. **arderne**i

occulta L.Bolus
Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt ?–2075 m. M, S

pauciflora L.Bolus = **W. distans**

paucifolia Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 600–1676 m. WC

pillansii L.Bolus
W. archbelliae L.Bolus (13)
W. beatricis J.W.Mathews & L.Bolus (13)
W. masoniae L.Bolus (13)
W. priorii L.Bolus (13)
W. socium J.W.Mathews & L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.45–1.2 m. Alt 15–2300 m. KZN, WC, EC

plantii N.E.Br. = **W. densiflora**

pondoensis Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? EC

praecox (Andrews) Pers. = **Gladiolus watsonius**

priorii L.Bolus = **W. pillansii**

pulchra N.E.Br. ex Goldblatt
Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 915–2135 m. M, S, KZN

pyramidata (Andrews) Stapf = **W. borbonica** subsp. **borbonica**

revoluta Pers. = **Gladiolus watsonius**

rogersii L.Bolus
W. middlemostii L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC

roseoalba Ker Gawl. = **W. humilis**

rourkei Goldblatt
Perennial. Herb, geophyte. Ht 1.5–2 m. Alt? NC

ryderae L.Bolus = **W. fourcadei**

schinzii L.Bolus = **W. schlechteri**

schlechteri L.Bolus
W. schinzii L.Bolus (13)

Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 60–1858 m. WC

socium J.W.Mathews & L.Bolus = **W. pillansii**

spectabilis Schinz
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 245–600 m. NC, WC

stanfordiae L.Bolus = **W. fourcadei**

starkeae L.Bolus = **W. wilmaniae**

stenosiphon L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 65–140 m. WC

stohrii L.Bolus = **W. fourcadei**

stokoei L.Bolus
Perennial. Herb, geophyte. Ht 0.35–1 m. Alt 914–1518 m. WC

strictiflora Ker Gawl.
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt? WC

strubeniae L.Bolus
W. alpina G.J.Lewis (13)
W. transvaalensis Baker var. *drakensbergensis* L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.6–1 m. Alt ?–2500 m. LIM, M

tabularis J.W.Mathews & L.Bolus
Perennial. Herb, geophyte. Ht 1–1.5 m. Alt 130–1005 m. WC

transvaalensis Baker
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt ?–1980 m. LIM

transvaalensis Baker var. *drakensbergensis* L.Bolus = **W. strubeniae**

vanderspuyiae L.Bolus
Perennial. Herb, geophyte. Ht 1.2–2 m. Alt 960–1160 m. WC

versfeldii J.W.Mathews & L.Bolus
W. ecklonii L.Bolus (13)
Perennial. Herb, geophyte. Ht 1.2–2 m. Alt? WC

vivipara J.W.Mathews & L.Bolus = **W. meriana** var. **meriana**

watsonioides (Baker) Oberm.
W. flavida L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 853–1654 m. M, S

wilmaniae J.W.Mathews & L.Bolus
W. desmidtii L.Bolus (13)
W. starkeae L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.8–1.5 m. Alt ?–759 m. WC

wilmsii L.Bolus
Perennial. Herb, geophyte. Ht 0.45–0.75 m. Alt ?–2285 m. M

zeyheri L.Bolus
W. comptonii L.Bolus (13)
W. elimensis L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 30–755 m. WC

WITSENIA Thunb. 1296000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 34.
(2) Goldblatt. 1993. *The woody Iridaceae*: 1–139.

maura Thunb.
Perennial. Shrub. Ht 0.7–1.3 m. Alt 10–1128 m. WC

XENOSCAPA (Goldblatt) Goldblatt & J.C.Manning 1316020

(1) Goldblatt & Manning. 1995. *Systematic Botany* 20: 161–178.

fistulosa (Spreng. ex Klatt) Goldblatt & J.C.Manning
Anomatheca fistulosa (Spreng. ex Klatt) Goldblatt (1)
Lapeirousia fistulosa (Spreng. ex Klatt) Baker (1)
Perennial. Herb, geophyte. Ht 0.3–0.15 m. Alt 200–1300 m. N, NC, WC

uliginosa Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt ± 1300 m. NC

JUNCACEAE

Compiled by R.P. Glen & C.D.K. Cook

JUNCUS L. 0936000

(1) Baker. 1897. *FC* 7: 16–28.
(2) Adamson. 1935. *Journal of the Linnean Society, Botany* 50: 1–38.
(3) Obermeyer. 1985. *FSA* 4: 71–91.
(4) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 367, 368.
(5) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 191.
(6) Snogerup. 1993. *Willdenowia* 23: 23–73.

acutissimus (Buchenau) Adamson = **J. inflexus**

acutus L. subsp. **leopoldii** (Parl.) Snogerup
Perennial. Herb, halophyte, helophyte. Ht 0.5–2 m. Alt ± 1–1300 m. FS, NC, WC, EC

anonymus Steud. = **J. capensis**

apiculatus Adamson = **J. capensis**

arabicus (Asch. & Buchenau) Adamson = **J. rigidus**

atropurpureus Adamson = **J. capensis**

brevistilus Buchenau = **J. oxycarpus**

***bufonius** L.
J. dinteri Poelln. (3)
Annual. Herb. Ht 30–300 mm. Alt 120–1320 m. FS, KZN, NC, WC, EC

capensis Thunb.
J. anonymus Steud. (3)
J. apiculatus Adamson (3)
J. atropurpureus Adamson (3)
J. delicatulus Steud. (3)
J. sphagnetorum (Buchenau) Adamson (3)
J. umbellatus Adamson (3)
Perennial. Herb, helophyte. Ht 0.06–0.6 m. Alt 15–1000 m. NC, WC, EC

***capillaceus** Lam.
Perennial. Herb. Ht 0.15–0.35 m. Alt ± 400 m. WC

***capitatus** Weigel
Annual. Herb. Ht 0.02–0.045 m. Alt 100–1900 m. G, FS, L, WC

cephalotes Thunb.
J. filifolius Adamson (3)
J. inaequalis Buchenau (3)

Annual. Herb. Ht 0.06–0.25 m. Alt 30–1433 m. NC, WC

chamissonis Kunth = **J. imbricatus**

cymosus Lam. = **J. lomatophyllus**

delicatulus Steud. = **J. capensis**

dinteri Poelln. = **J. bufonius**

dregeanus Kunth
J. sonderianus Buchenau (3)
J. subcuneatus Adamson (3)
J. subglobosus Adamson (3)
J. submonocephalus Steud. (3)
Perennial. Herb, helophyte. Ht 0.01–0.4 m. Alt 5–2840 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

effusus L.
Perennial. Herb, helophyte. Ht 0.45–1 m. Alt 2–2050 m. LIM, NW, G, M, FS, KZN, L, WC, EC

exsertus Buchenau subsp. **exsertus**
J. rostratus Buchenau (3)
Perennial. Herb, helophyte. Ht 0.25–0.6 m. Alt 230–2300 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

exsertus Buchenau subsp. **lesuticus** B.L.Burtt
Perennial. Herb, helophyte. Ht ± 0.05 m. Alt ± 2621 m. L, EC

fasciculiflorus Adamson = **J. kraussii** subsp. **kraussii**

filifolius Adamson = **J. cephalotes**

gentilis N.E.Br. = **J. oxycarpus**

***imbricatus** Laharpe
J. chamissonis Kunth (3)
Perennial. Herb. Ht ± 0.6 m. Alt ± 100 m. WC

inaequalis Buchenau = **J. cephalotes**

inflexus L.
J. acutissimus (Buchenau) Adamson (3)
Perennial. Herb. Ht 0.5–0.91 m. Alt ± 50 m. FS, KZN, L, WC, EC

kraussii Hochst. subsp. *effusus* Adamson = **J. kraussii** subsp. **kraussii**

kraussii Hochst. subsp. **kraussii**
J. fasciculiflorus Adamson (3)
J. kraussii Hochst. subsp. *effusus* Adamson (6)
J. kraussii Hochst. subsp. *parviflorus* Adamson (6)
J. spretus Schult. & Schult.f. (3)
Perennial. Herb, helophyte. Ht 0.3–± 10 m. Alt 1–1280 m. KZN, WC, EC

kraussii Hochst. subsp. *parviflorus* Adamson = **J. kraussii** subsp. **kraussii**

lomatophyllus Spreng.
J. cymosus Lam. (3)
J. viridifolius Adamson (3)
Perennial. Herb, hydrophyte, hyperhydate. Ht 0.04–1.06 m. Alt 1–± 1700 m. LIM, G, M, S, KZN, L, WC, EC

maritimus in sense of Baker, not of Lam., misapplied name = **J. rigidus**

mollifolius Hilliard & B.L.Burtt
Perennial. Herb, helophyte. Ht 0.09–0.13 m. Alt 2225–3000 m. KZN, L

obliquus Adamson
Annual. Herb. Ht 20–40 mm. Alt 600–800 m. WC (endemic to Cold Bokkeveld Mts)

oxycarpus E.Mey. ex Kunth
J. brevistilus Buchenau (3)
J. gentilis N.E.Br. (3)
J. suboxycarpus Adamson (3)
Perennial. Herb, helophyte. Ht 0.06–1 m. Alt 5–2439 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

punctorius L.f.
Perennial. Herb, helophyte. Ht 0.45–1.5 m. Alt 30–2220 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rigidus Desf.
J. arabicus (Asch. & Buchenau) Adamson (3)
J. maritimus in sense of Baker, not of Lam., misapplied name (3)
Perennial. Herb, halophyte, helophyte. Ht 0.4–1.5 m. Alt 10–1260 m. N, B, LIM, NW, G, S, FS, KZN, L, NC, WC, EC

rostratus Buchenau = **J. exsertus** subsp. **exsertus**

rupestris Kunth
Annual. Herb. Ht 0.04–0.1 m. Alt 610–915 m. NC, WC (endemic)

scabriusculus Kunth
J. subglandulosus Steud. (3)
Annual. Herb, helophyte. Ht 0.04–0.35 m. Alt 200–1670 m. NC, WC (endemic)

sonderianus Buchenau = **J. dregeanus**

sphagnetorum (Buchenau) Adamson = **J. capensis**

spretus Schult. & Schult.f. = **J. kraussii** subsp. **kraussii**

stenopetalus Adamson
Annual. Herb. Ht ± 0.14 m. Alt 20–± 550 m. NC, WC

subcuneatus Adamson = **J. dregeanus**

subglandulosus Steud. = **J. scabriusculus**

subglobosus Adamson = **J. dregeanus**

submonocephalus Steud. = **J. dregeanus**

suboxycarpus Adamson = **J. oxycarpus**

***tenuis** Willd.
Perennial. Herb. Ht 0.15–0.5 m. Alt 1000–2400 m. M, KZN, L, EC

umbellatus Adamson = **J. capensis**

viridifolius Adamson = **J. lomatophyllus**

LUZULA DC. 0937000

(1) Baker. 1897. *FC* 7: 16–28.
(2) Obermeyer. 1985. *FSA* 4: 90, 91.

africana Drège ex Steud.
Perennial. Herb. Ht 0.06–0.45 m. Alt 870–3200 m. N, M, FS, KZN, L, EC

JUNCAGINACEAE

Compiled by R.P. Glen & C.D.K. Cook

TRIGLOCHIN L. 0066000

(1) Obermeyer. 1966. *FSA* 1: 92–95.

bulbosa L.
T. compacta Adamson (1)
T. elongata Buchenau (1)
T. tenuifolia Adamson (1)
Perennial. Herb, helophyte. Ht 0.1–0.6 m. Alt 3–850 m. KZN, NC, WC, EC

compacta Adamson = **T. bulbosa**
elongata Buchenau = **T. bulbosa**
maritima of author, not of L. = **T. striata**
natalensis Gand. = **T. striata**
striata Ruíz & Pav.
T. maritima of author, not of L. (1)
T. natalensis Gand. (1)
Perennial. Herb, helophyte. Ht 0.1–0.32 m. Alt 1–305 m. N, KZN, WC, EC
tenuifolia Adamson = **T. bulbosa**

LANARIACEAE

Compiled by R.H. Archer

LANARIA Aiton 1236000

(1) Baker. 1896. *FC* 6: 4.
(2) Dahlgren 1988. *Monographs in Systematic Botany from the Missouri Botanical Garden* 25: 71–75.

lanata (L.) T.Durand & Schinz
L. plumosa Aiton (1)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 20–400 m. WC, EC
plumosa Aiton = **L. lanata**

LEMNACEAE

Compiled by R.P. Glen & C.D.K. Cook

LEMNA L. 0795000

(1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 360–364, 367, 368.
(2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
(3) Landolt. 1981. *Berichte des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 48: 3–163.
(4) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
(5) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
(6) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

aequinoctialis Welw.
Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1800 m. N, B, LIM, G, M, FS, KZN

gibba L.
Perennial. Herb, hydrophyte: pleustophyte. Alt 5–1530 m. B, LIM, NW, G, FS, KZN, WC, EC

minor L.
Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1435 m. G, M, KZN, L, EC

PSEUDOWOLFFIA Den Hartog & Van der Plas 0796020

hyalina (Hegelm.) Den Hartog & Van der Plas = **Wolffiella hyalina**

SPIRODELA Schleid. 0794000

(1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–360, 367, 368.
(2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
(3) Landolt. 1981. *Berichte des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 48: 3–163.
(4) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
(5) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
(6) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.
(7) Cook. 1996. *Aquatic and wetlands plants of India*: 229, 230.

polyrhiza (L.) Schleid.
Annual. Herb, hydrophyte: pleustophyte. Alt 1–1340 m. B, FS, KZN

punctata (G.Mey.) C.H.Thomps.
Annual. Herb, hydrophyte: pleustophyte. Alt 1–1635 m. N, G, FS, KZN, WC, EC

WOLFFIA Horkel ex Schleid. 0796000

(1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 364, 366–368.
(2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
(3) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
(4) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
(5) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

arrhiza (L.) Horkel ex Wimm.
Perennial. Herb, hydrophyte: pleustophyte. Alt 2–1600 m. B, G, M, FS, KZN, WC, EC

globosa (Roxb.) Den Hartog & Van der Plas
Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1500 m. G, KZN

WOLFFIELLA (Hegelm.) Hegelm. 0796010

(1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 364, 365, 367, 368.
(2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
(3) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71:1–566.
(4) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
(5) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

denticulata (Hegelm.) Hegelm.
Perennial. Herb, hydrophyte pleustophyte. Alt 1–130 m. KZN

hyalina (Delile) Monod
Pseudowolffia hyalina (Hegelm.) Den Hartog & Van der Plas (2)

Perennial. Herb, hydrophyte: pleustophyte. Alt ± 900 m. B

welwitschii (Hegelm.) Monod
Wolffiopsis welwitschii (Hegelm.) Den Hartog & Van der Plas (2)
Perennial. Herb, hydrophyte: pleustophyte. Alt 1–900 m. B, KZN

WOLFFIOPSIS Den Hartog & Van der Plas 0796030

welwitschii (Hegelm.) Den Hartog & Van der Plas = **Wolffiella welwitschii**

*LILIACEAE

Compiled by R.P. Glen & C. Archer

*LILIUM L. 1072000

(1) Matthews. 1984. *European garden flora* 1: 193–206.

formosanum (Baker) Wallace
Perennial. Geophyte. Ht 1–2.5 m. Alt 1200–2000 m. LIM, M, KZN, EC

LIMNOCHARITACEAE

Compiled by R.P. Glen & C.D.K. Cook

BUTOMOPSIS Kunth 0082010

(1) Symoens *et al.* (eds). 1982. *Studies on aquatic vascular plants*: 304–310.

latifolia (D.Don) Kunth
Tenagocharis latifolia (D.Don) Buchenau (1)
Annual or perennial. Herb, hydrophyte. Ht 0.07–0.22 m. Alt ± 850 m. B

TENAGOCHARIS Hochst. 0082000

latifolia (D.Don) Buchenau = **Butomopsis latifolia**

MUSACEAE

Compiled by C. Archer

ENSETE Horan. 1318010

(1) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 810.
(2) Baker & Simmonds. 1953. *Kew Bulletin* 1953: 405–416.
(3) Baker & Simmonds. 1954. *Kew Bulletin* 1953: 574.

davyae (Stapf) Cheesman = **E. ventricosum**

edule Horan. = **E. ventricosum**

ventricosum (Welw.) Cheesman
E. davyae (Stapf) Cheesman (2)
E. edule Horan. (3)
Musa davyae Stapf (2)
Perennial. Herb. Ht 5–8 m. Alt 915–1370 m. LIM

MUSA L. 1318000

davyae Stapf = **Ensete ventricosum**

NAJADACEAE

Compiled by R.P. Glen & C.D.K. Cook

NAJAS L. 0064000

(1) Obermeyer. 1966. *FSA* 1: 81–85.
(2) Triest. 1987. *Academie Royale des Sciences d'Outre-Mer, Classe des Sciences Naturelles et Médicales*. Mémoires in 8, Novelle Série, 21: 5–89.

graminea Delile
Perennial, occ. annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 496–1300 m. LIM, G

horrida A.Braun
N. pectinata of author, not of (Parl.) Magnus, concept invalid (1, 2)
Perennial, occ. annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–1550 m. N, B, LIM, G, M, KZN, EC

marina L. subsp. **armata** (H.Lindb.) Horn
N. marina L. subsp. *delilei* (Rouy) Oberm. (1, 2)
N. marina L. subsp. *muricata* (Delpino) A.Br. ex Magnus (2)
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–1000 m. N, B, KZN, WC

marina L. subsp. *delilei* (Rouy) Oberm. = **N. marina** subsp. **armata**

marina L. subsp. *muricata* (Delpino) A.Br. ex Magnus = **N. marina** subsp. **armata**

pectinata of author, not of (Parl.) Magnus, concept invalid = **N. horrida**

setacea (A.Br.) Rendle
Annual? Herb, hydrophyte: vittate. Ht depending on depth of water. Alt ± 100 m. KZN

ORCHIDACEAE

Compiled by H. Kurzweil & C. Archer

ACAMPE Lindl. 1824000

(1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 420, 421.

pachyglossa Rchb.f.
A. praemorsa (Roxb.) Blatt. & McCann in sense of J.L.Stewart *et al.* (1)
Saccolabium pachyglossa (Rchb.f.) Rolfe (1)
Perennial. Herb, epiphyte, succulent. Ht up to 0.5 m. Alt 140–520 m. LIM, S, KZN

praemorsa (Roxb.) Blatt. & McCann in sense of J.L.Stewart *et al.* = **A. pachyglossa**

ACROLOPHIA Pfitzer 1561000

(1) Summerhayes & Hall. 1962. *Taxon* 11: 201.
(2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 156–161.
(3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 253–255.
(4) Linder. 1988. *South African Journal of Botany* 54: 496–500.
(5) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 398–404.

barbata (Thunb.) H.P.Linder
A. lunata (Schltr.) Schltr. & Bolus (4)
Eulophia barbata (Thunb.) Spreng. (4)
Eulophia lunata Schltr. (4)
Limodorum barbatum Thunb. (4)
Serapia capensis L. (4)
Perennial. Herb. Ht 0.5–1 m. Alt 155–855 m. WC, EC

bolusii Rolfe
A. cochlearis in sense of Bolus (1893) (5)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–50 m. WC

capensis (P.J.Bergius) Fourc.
A. comosa (Sond.) Schltr. & Bolus (3)
A. sphaerocarpa (Sond.) Schltr. & Bolus (3)
A. triste (L.f.) Schltr. & Bolus (3)
Eulophia comosa Sond. (5)
Eulophia sphaerocarpa Sond. (5)
Eulophia tristis (L.f.) Spreng. (5)
Limodorum capense P.J.Bergius (5)
Limodorum triste (L.f.) Thunb. (5)
Satyrium capense (P.J.Bergius) Houtt. (5)
Satyrium triste L.f. (5)
Perennial. Herb. Ht 0.15–0.8 m. Alt 60–1200 m. WC, EC

capensis (P.J.Bergius) Fourc. var. *lamellata* (Lindl.) Schelpe = **A. lamellata**

cochlearis in sense of Bolus (1893) = **A. bolusii**

cochlearis (Lindl.) Schltr. & Bolus
A. micrantha in sense of Bolus (1893) (5)
Eulophia cochlearis Lindl. (5)
Perennial. Herb. Ht up to 1 m. Alt 160–640 m. KZN, WC, EC

comosa (Sond.) Schltr. & Bolus = **A. capensis**

fimbriata Schltr. = **A. micrantha**

lamellata (Lindl.) Schltr. & Bolus
A. capensis (P.J.Bergius) Fourc. var. *lamellata* (Lindl.) Schelpe (5)
Eulophia lamellata Lindl. (5)
Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1000 m. WC

lunata (Schltr.) Schltr. & Bolus = **A. barbata**

micrantha in sense of Bolus (1893) = **A. cochlearis**

micrantha (Lindl.) Schltr. & Bolus
A. fimbriata Schltr. (5)
Eulophia micrantha Lindl. (5)
Perennial. Herb. Ht 0.25–0.6 m. Alt 60–185 m. WC, EC

paniculata P.J.Cribb = **Eulophia callichroma**

parvula Schltr. = **A. ustulata**

sphaerocarpa (Sond.) Schltr. & Bolus = **A. capensis**

triste (L.f.) Schltr. & Bolus = **A. capensis**

ustulata (Bolus) Schltr. & Bolus
A. parvula Schltr. (3)
Cymbidium ustulatum Bolus (5)
Eulophia ustulata (Bolus) Bolus (5)
Perennial. Herb, geophyte. Ht up to 0.1 m. Alt ?–1065 m. WC

AERANGIS Rchb.f. 1830000

(1) Stewart. 1979. *Kew Bulletin* 34: 239–319.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 262–264.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 427–431.

biloba (Lindl.) Schltr. var *kirkii* (Rchb.f.) Hawkes = **A. kirkii**

bilobum Lindl. var. *kirkii* Rchb.f. = **A. kirkii**

erythrurum (Kraenzl.) Garay = **A. verdickii**

kirkii (Rchb.f.) Schltr., doubtful record
A. biloba (Lindl.) Schltr. var *kirkii* (Rchb.f.) Hawkes (1)
A. bilobum Lindl. var. *kirkii* Rchb.f. (1)
Angraecum apiculatum Hook. var. *kirkii* (Rchb.f.) Rchb.f. (1)
Angraecum kirkii (Rchb.f.) Rolfe (1)
Perennial. Herb, epiphyte. Ht up to 0.2 m. Alt? KZN

kotschyana in sense of Schelpe = **A. verdickii**

kotschyana (Rchb.f.) Schltr., doubtful record
A. kotschyi (Rchb.f.) Rchb.f. (1)
Angraecum kotschyanum Rchb.f. (1)
Angraecum kotschyi Rchb.f. (1)
Rhaphidorhynchus kotschyi (Rchb.f.) Finet (1)
Perennial. Herb, epiphyte. Ht up to 0.22 m. Alt? KZN

kotschyi (Rchb.f.) Rchb.f. = **A. kotschyana**

mystacidii (Rchb.f.) Schltr.
Angraecum mystacidii Rchb.f. (1)
Angraecum saundersiae Bolus (1)
Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 61–610 m. LIM, M, KZN, EC

somalensis (Schltr.) Schltr.
Angraecum somalense Schltr. (1)
Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt ?–960 m. LIM

verdickii (De Wild.) Schltr.
A. erythrurum (Kraenzl.) Garay (1)
A. kotschyana in sense of Schelpe (1)
Angraecum erythrurum Kraenzl. (1)
Angraecum verdickii De Wild. (1)
Perennial. Herb, epiphyte, lithophyte, succulent. Ht up to 0.24 m. Alt ± 700–1300 m. LIM

AERANTHUS Lindl. 1849010

filicornis (Lindl.) Rchb.f., illegitimate name = **Mystacidium capense**

gerrardii Rchb.f. = **Diaphananthe xanthopollinia**

gracilis (Harv.) Rchb.f. = **Mystacidium gracile**

muscicola Rchb.f. = **Rangaeris muscicola**

pusillus (Harv.) Rchb.f. = **Mystacidium pusillum**

xanthopollinius Rchb.f. = **Diaphananthe xanthopollinia**

AMPHIGENA Rolfe 1434010

leptostachys (Sond.) Rolfe = **Disa tenuis**

tenuis (Lindl.) Rolfe = **Disa tenuis**

ANGRAECUM Bory 1828000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 256–260.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 421–425.

aphyllum Thouars = **Solenangis aphylla**

apiculatum Hook. var. *kirkii* (Rchb.f.) Rchb.f. = **Aerangis kirkii**

arcuatum Lindl. = **Cyrtorchis arcuata** subsp. **arcuata**

bicaudatum Lindl. = **Tridactyle bicaudata** subsp. **bicaudata**

bolusii Rolfe = **Tridactyle tridentata**

burchellii Rchb.f. = **A. pusillum**

caffrum Bolus = **Diaphananthe caffra**

capense (L.f.) Lindl. = **Mystacidium capense**

chamaeanthus Schltr.
Perennial. Herb, epiphyte. Ht up to 0.01 m. Alt ± 1200–1700 m. LIM, M, KZN

chiloschistae Rchb.f. = **Microcoelia exilis**

conchiferum Lindl.
Perennial. Herb, epiphyte. Ht up to 0.36 m. Alt up to 1600 m. LIM, M, KZN, WC, EC

cultriforme Summerh.
Perennial. Herb, epiphyte. Ht up to 0.31 m. Alt ?–50 m. KZN

erythrurum Kraenzl. = **Aerangis verdickii**

filicornoides De Wild. = **Jumellea walleri**

flanaganii Bolus = **Mystacidium flanaganii**

gentilii De Wild. = **Tridactyle gentilii**

gerrardii (Rchb.f.) Bolus = **Diaphananthe xanthopollinia**

kirkii (Rchb.f.) Rolfe = **Aerangis kirkii**

kotschyanum Rchb.f. = **Aerangis kotschyana**

kotschyi Rchb.f. = **Aerangis kotschyana**

maudiae Bolus = **Bolusiella maudiae**

mystacidii Rchb.f. = **Aerangis mystacidii**

pusillum Lindl.
A. burchellii Rchb.f. (1)
Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 46–1435 m. LIM, S, KZN, WC, EC

aff. *rutenbergianum* in sense of J.L.Stewart *et al.* = **A. stella-africae**

sacciferum Lindl.
Perennial. Herb, epiphyte. Ht up to 0.1 m. Alt 330–1650 m. LIM, M, KZN, WC, EC

saundersiae Bolus = **Aerangis mystacidii**

somalense Schltr. = **Aerangis somalensis**

stella-africae P.J.Cribb
A. aff. *rutenbergianum* in sense of J.L.Stewart *et al.* (2)
Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt 1300–1500 m. LIM

tricuspe Bolus = **Tridactyle tricuspis**

tridentatum Harv. = **Tridactyle tridentata**

verdickii De Wild. = **Aerangis verdickii**

ANOCHILUS Rolfe 1438020

flanaganii (Bolus) Rolfe = **Corycium flanaganii**

hallii Schelpe = **Pterygodium hallii**

inversus (Thunb.) Rolfe = **Pterygodium inversum**

ANSELLIA Lindl. 1568000

(1) Stewart. 1981. *South African Orchid Journal* 12: 4.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 221, 222.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 404, 405.

africana Lindl.
A. africana Lindl. var. *australis* Summerh. (3)
A. africana Lindl. var. *nilotica* Baker (3)
A. gigantea Rchb.f. var. *gigantea* (3)
A. gigantea Rchb.f. var. *nilotica* (Baker) Summerh. (3)
Perennial. Herb, epiphyte, succulent. Ht 0.15–1 m. Alt 75–1065 m. N, B, LIM, M, S, KZN

africana Lindl. var. *australis* Summerh. = **A. africana**

africana Lindl. var. *nilotica* Baker = **A. africana**

gigantea Rchb.f. var. *gigantea* = **A. africana**

gigantea Rchb.f. var. *nilotica* (Baker) Summerh. = **A. africana**

ARETHUSA L. 1474000

alaris (L.f.) Thunb. = **Pterygodium catholicum**

capensis L.f. = **Disperis capensis** var. **capensis**

ciliaris L.f., illegitimate name = **Bartholina burmanniana**

crispa Thunb. = **Corycium crispum**

secunda Thunb., illegitimate name = **Disperis circumflexa** subsp. **circumflexa**

villosa L.f. = **Disperis villosa**

AVICEPS Lindl. 1430020

pumila (Thunb.) Lindl. = **Satyrium pumilum**

BARTHOLINA R.Br. 1416000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 66–68.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 94–96.

burmanniana (L.) Ker Gawl.
Arethusa ciliaris L.f., illegitimate name (2)
B. lindleyana Rchb.f. (2)
B. pectinata (Thunb.) R.Br. (2)
Orchis burmanniana L. (2)
Orchis pectinata Thunb., illegitimate name (2)
Perennial. Herb, geophyte. Ht up to 0.23 m. Alt 20–1220 m. WC, EC

etheliae Bolus
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 30–1800 m. NC, WC, EC

lindleyana Rchb.f. = **B. burmanniana**

pectinata (Thunb.) R.Br. = **B. burmanniana**

BILABRELLA Lindl. 1422040

falcicornis Lindl. = **Habenaria falcicornis** subsp. **falcicornis**

BOLBORCHIS Zoll. & Moritzi 1542010

crociformis Zoll. & Moritzi = **Nervilia crociformis**

BOLUSIELLA Schltr. 1828110

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 262.
(2) La Croix & Cribb. 1998. *FZ* 11: 401–403.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 431.

imbricata (Rolfe) Schltr. = **B. maudiae**

maudiae (Bolus) Schltr.
Angraecum maudiae Bolus (1)
B. imbricata (Rolfe) Schltr. (2)
Listrostachys imbricata Rolfe (2)
Perennial. Herb, epiphyte, succulent. Ht up to 0.05 m. Alt ?–680 m. KZN

BONATEA Willd. 1422020

(1) Stewart. 1978. *American Orchid Society Bulletin* 47: 992–997.
(2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 157.
(3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 97–102.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 136–143.

antennifera Rolfe = **B. speciosa** var. **antennifera**

bilabrella Lindl. = **Habenaria falcicornis** subsp. **falcicornis**

boltonii (Harv.) Bolus = **B. speciosa** var. **speciosa**

bracteata G.J.McDonald & McMurtry
B. liparophylla Schelpe, naked name (4)
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt up to 600 m. LIM, M, KZN

cassidea Sond.
B. darwinii Weale (4)
Habenaria cassidea (Sond.) Rchb.f. (4)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 60–1500 m. KZN, EC

clavata Lindl. = **Habenaria clavata**

darwinii Weale = **B. cassidea**

densiflora Sond. = **B. speciosa** var. **speciosa**

foliosa (Sw.) Lindl. = **Habenaria epipactidea**

foliosa (Sw.) Lindl. var. *pauciflora* Sond. = **Habenaria epipactidea**

insignis (Schltr.) Summerh. = **B. polypodantha**

lamprophylla J.L.Stewart
Perennial. Herb, geophyte. Ht up to 1.2 m. Alt ?–50 m. KZN

liparophylla Schelpe, naked name = **B. bracteata**

micrantha Lindl. = **Habenaria arenaria**

polypodantha (Rchb.f.) L.Bolus
B. insignis (Schltr.) Summerh. (4)
Habenaria insignis Schltr. (3)
Habenaria polypodantha Rchb.f. (4)
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt 715–1035 m. LIM, NW, G, M, KZN, EC

porrecta (Bolus) Summerh.
Habenaria porrecta Bolus (4)
Perennial. Herb, geophyte. Ht up to 0.7 m. Alt 150–900 m. B, LIM, NW, G, S, KZN, EC

pulchella Summerh.
Perennial. Herb, geophyte. Ht up to 0.32 m. Alt ?–700 m. M

saundersiae (Harv.) T.Durand & Schinz
Habenaria saundersiae Harv. (4)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–600 m. LIM, KZN

saundersioides (Kraenzl. & Schltr.) Cortesi
Habenaria saundersioides Kraenzl. & Schltr. (4)
Habenaria umvotensis Rolfe (3)
Perennial. Herb, geophyte. Ht up to 0.38 m. Alt 600–1000 m. M, S, KZN

speciosa (L.f.) Willd. var. **antennifera** (Rolfe) Sommerv.
B. antennifera Rolfe (2)
Habenaria macrocorchis Schltr. (3)
Perennial. Herb, geophyte. Ht 0.35–1 m. Alt 625–1810 m. B, LIM, NW, G, M, FS, L, NC

speciosa (L.f.) Willd. var. **speciosa**
B. boltonii (Harv.) Bolus (3)
B. densiflora Sond. (4)
Habenaria boltoni Harv. (4)
Habenaria bonatea Rchb.f. var. *boltonii* (Harv.) Bolus (4)
Habenaria densiflora (Sond.) Rchb.f. (4)
Habenaria robusta N.E.Br. (4)
Orchis speciosa L.f. (4)
Perennial. Herb, geophyte. Ht 0.42–1 m. Alt 25–1525 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

steudneri (Rchb.f.) T.Durand & Schinz
Habenaria steudneri Rchb.f. (4)
Perennial. Herb, geophyte. Ht up to 1 m. Alt 800–2000 m. KZN

tetrapetala Lindl. = **Habenaria falcicornis** subsp. **falcicornis**

BRACHYCORYTHIS Lindl. 1428000

(1) Summerhayes. 1955. *Kew Bulletin* 10: 221–264.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 72–75.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 80–85.

allisoni Rolfe = **B. ovata** subsp. **ovata**

bulbinella Rchb.f. = **Schizochilus bulbinella**

conica (Summerh.) Summerh. subsp. **transvaalensis** Summerh.
Diplacorchis tenuior in sense of Pole Evans, not of (Rchb.f.) Schltr. (1)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt up to 1705 m. LIM, NW, G, M

gerrardii Rchb.f. = **Schizochilus gerrardii**

inhambanensis (Schltr.) Schltr.
Platanthera inhambanensis Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt? KZN, EC

junodiana Kraenzl. = **Neobolusia tysonii**

macowaniana Rchb.f.
Platanthera macowaniana (Rchb.f.) Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.32 m. Alt 300–660 m. WC, EC

ovata Lindl. subsp. **ovata**
B. allisoni Rolfe (1)
Perennial. Herb, geophyte. Ht 0.28–0.4 m. Alt 15–1810 m. LIM, G, M, S, FS, KZN, L, EC

pleistophylla Rchb.f. subsp. **pleistophylla**
Perennial. Herb, geophyte. Ht 0.25–1 m. Alt ?–2000 m. LIM, M

pubescens Harv.
Perennial. Herb, geophyte. Ht 0.22–0.6 m. Alt 5–2225 m. LIM, G, M, S, KZN, L

tenuior Rchb.f.
Diplacorchis tenuior (Rchb.f.) Schltr. (1)
Platanthera tenuior (Rchb.f.) Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 600–1650 m. LIM, M, G, KZN

tysonii Bolus = **Neobolusia tysonii**

virginea (Bolus) Rolfe = **Dracomonticola virginea**

zeyheri (Sond.) Rchb.f. = **Schizochilus zeyheri**

BROWNLEEA Harv. ex Lindl. 1433000

(1) Linder. 1981. *Journal of South African Botany* 47: 13–48.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 154–157.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 289–294.

coerulea Harv. ex Lindl.
B. madagascarica Ridl. (1)
B. nelsonii Rolfe (1)
B. woodii Rolfe (1)
Disa coerulea (Harv. ex Lindl.) Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt ?–1675 m. LIM, M, S, KZN, EC

coerulea in sense of Bolus = **B. macroceras**

fanniniae Rolfe = **B. galpinii** subsp. **major**

flavescens Schltr. = **B. galpinii** subsp. **galpinii**

galpinii Bolus subsp. **galpinii**
B. flavescens Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt ?–2225 m. LIM, M, FS, KZN

galpinii Bolus subsp. **major** (Bolus) H.P.Linder
B. fanniniae Rolfe (1)
B. galpinii Bolus var. *major* Bolus (1)
B. leucantha Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 1800–2500 m. KZN, L

galpinii Bolus var. *major* Bolus = **B. galpinii** subsp. **major**

leucantha Schltr. = **B. galpinii** subsp. **major**

macroceras Sond.
B. coerulea in sense of Bolus (3)
B. monophylla Schltr. (1)
Disa macroceras (Sond.) Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.05–0.5 m. Alt 1800–2700 m. FS, KZN, L, EC

madagascarica Ridl. = **B. coerulea**

monophylla Schltr. = **B. macroceras**

natalensis Rolfe = **B. recurvata**

nelsonii Rolfe = **B. coerulea**

parviflora Harv. ex Lindl.
B. transvaalensis Schltr. (1)
Disa parviflora (Harv. ex Lindl.) Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt ?–3000 m. LIM, M, S, KZN, L, EC

pentheriana Kraenzl. ex Zahlbr. = **Disa ophrydea**

recurvata Sond.
B. natalensis Rolfe (1)
Disa recurvata (Sond.) Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–1500 m. M, KZN, WC, EC

transvaalensis Schltr. = **B. parviflora**

woodii Rolfe = **B. coerulea**

BUCCULINA Lindl. 1408040

aspera Lindl. = **Holothrix aspera**

BULBOPHYLLUM Thouars 1705000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 218–220.
(2) Vermeulen. 1987. *Orchid Monographs* 2: 1–300.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 416–419.

congolanum Schltr. = **B. scaberulum** var. **scaberulum**

elliotii Rolfe
B. malawiense Morris (2)
B. oreonastes in sense of E.R.Harrison (2)
Perennial. Herb, epiphyte, succulent. Ht? Alt ?–1325 m. LIM

longiflorum Thouars
Epidendrum umbellatum G.Forst. (2)
Cirrhopetalum umbellatum (G.Forst.) Hook. & Arn. (2)
Perennial. Herb, epiphyte, succulent. Ht up to 0.15 m. Alt ?–50 m. KZN

malawiense Morris = **B. elliotii**

oreonastes in sense of E.R.Harrison = **B. elliotii**

sandersonii (Hook.f.) Rchb.f. subsp. **sandersonii**
Megaclinium sandersonii Hook. (1)
Perennial. Herb, epiphyte, succulent. Ht 0.06–0.15 m. Alt 1000–1500 m. LIM, M, S, EC

scaberulum (Rolfe) Bolus var. **scaberulum**
B. congolanum Schltr. (3)
Megaclinium scaberulum Rolfe (1)
Perennial. Herb, epiphyte, lithophyte, succulent. Ht 0.18–0.25 m. Alt 365–520 m. KZN, EC

CALANTHE R.Br. 1631000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 215.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 405–407.

corymbosa Lindl. = **C. sylvatica**

natalensis (Rchb.f.) Rchb.f. = **C. sylvatica**

sylvatica (Thouars) Lindl.
C. corymbosa Lindl. (2)
C. natalensis (Rchb.f.) Rchb.f. (1)
C. sylvatica (Thouars) Lindl. var. *natalensis* Rchb.f. (2)
Centrosis sylvatica Thouars (2)
Perennial. Herb. Ht up to 0.65 m. Alt 15–1220 m. LIM, M, S, KZN, WC, EC

sylvatica (Thouars) Lindl. var. *natalensis* Rchb.f. = **C. sylvatica**

CENTROSIS Thouars 1483000

sylvatica Thouars = **Calanthe sylvatica**

CENTROSTIGMA Schltr. 1422010

(1) Summerhayes. 1968. *FTEA* Orchidaceae: 151–153.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 102, 103.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 143, 144.

nyassanum Schltr. = **C. occultans**

occultans (Welw. ex Rchb.f.) Schltr.
C. nyassanum Schltr. (1)
C. schlechteri (Kraenzl.) Schltr. (1)
Habenaria occultans Welw. ex Rchb.f. (1)
Habenaria schlechteri Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1405 m. LIM, M

schlechteri (Kraenzl.) Schltr. = **C. occultans**

CERATANDRA Eckl. ex F.A.Bauer 1439000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 180–183.
(2) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 320–325.

affinis Sond. = **C. harveyana**

atrata (L.) T.Durand & Schinz
C. auriculata Lindl. (3)
C. chloroleuca Eckl. ex F.A.Bauer (1)
Ophrys atrata L. (3)
Pterygodium atratum (L.) Sw. (3)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–1500 m. WC, EC

auriculata Lindl. = **C. atrata**

bicolor Sond. ex Bolus
Evota bicolor (Sond. ex Bolus) Rolfe (2)
C. harveyana Lindl. ex err. Sond. (3)
Perennial. Herb, geophyte. Ht up to 0.34 m. Alt 90–1100 m. WC

chloroleuca Eckl. ex F.A.Bauer = **C. atrata**

globosa Lindl.
C. parviflora Lindl. (3)
Ceratandropsis globosa (Lindl.) Rolfe (1)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 700–2000 m. WC, EC

grandiflora Lindl.
Ceratandropsis grandiflora (Lindl.) Rolfe (1)
Perennial. Herb, geophyte. Ht up to 0.43 m. Alt 5–600 m. WC, EC

grandiflora Lindl. × **C. atrata** (L.) T.Durand & Schinz
Perennial. Herb, geophyte. Ht? Alt ?–460 m. WC, EC

harveyana Lindl.
C. affinis Sond. (3)
Evota affinis (Sond.) Rolfe (3)
Evota harveyana (Lindl.) Rolfe (3)
Perennial. Herb, geophyte. Ht up to 0.21 m. Alt 50–710 m. WC

harveyana Lindl. ex err. Sond. = **C. bicolor**

parviflora Lindl. = **C. globosa**

venosa (Lindl.) Schltr.
Corycium venosum (Lindl.) Rolfe (3)
Evota venosa (Lindl.) Schelpe (3)
Pterygodium venosum Lindl. (3)
Perennial. Herb, geophyte. Ht up to 0.26 m. Alt ?–1000 m. WC

CERATANDROPSIS Rolfe 1439010

globosa (Lindl.) Rolfe = **Ceratandra globosa**

grandiflora (Lindl.) Rolfe = **Ceratandra grandiflora**

CHEIROSTYLIS Blume 1503010

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 213.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 76, 77.

gymnochiloides (Ridl.) Rchb.f.
Monochilus gymnochiloides Ridl. (2)
Perennial. Herb. Ht 0.2–0.4 m. Alt 5–50 m. S, KZN

CIRRHOPETALUM Lindl. 1704000

umbellatum (G.Forst.) Hook. & Arn. = **Bulbophyllum longiflorum**

CORYCIUM Sw. 1440000

(1) Rolfe. 1913. *FC* 5: 3–313.
(2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 156–161.
(3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 190–195.
(4) Oliver. 1986. *South African Journal of Botany* 52: 256–260.
(5) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
(6) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 339–349.

alticola Parkman & Schelpe
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 1950–2400 m. KZN, L, EC

bicolorum (Thunb.) Sw.
Ophrys bicolor Thunb. (6)
Pterygodium bicolorum (Thunb.) Schltr. (6)
Pterygodium mundii Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–600 m. WC

bifidum Sond.
C. ligulatum Rchb.f. (6)
Pterygodium bifidum (Sond.) Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.29 m. Alt? WC

carnosum (Lindl.) Rolfe
Pterygodium carnosum Lindl. (6)
Pterygodium patersoniae Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 15–1500 m. WC, EC

crispum (Thunb.) Sw.
Arethusa crispa Thunb. (6)
Pterygodium crispum (Thunb.) Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. NC, WC

deflexum (Bolus) Rolfe
Pterygodium deflexum Bolus (6)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 830–1960 m. NC, WC

dracomontanum Parkman & Schelpe
Perennial. Herb, geophyte. Ht 0.12–0.22 m. Alt 300–3500 m. G, M, S, FS, KZN, L, WC, EC

excisum Lindl.
Pterygodium excisum (Lindl.) Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.26 m. Alt 20–300 m. WC

flanaganii (Bolus) Kurzweil & H.P.Linder
Anochilus flanaganii (Bolus) Rolfe (6)
Pterygodium flanaganii Bolus (5)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–2000 m. L, EC

ingeanum E.G.H.Oliv.
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt ?–790 m. NC

ligulatum Rchb.f. = **C. bifidum**

magnum (Rchb.f.) Rolfe = **Pterygodium magnum**

microglossum Lindl.
Pterygodium microglossum (Lindl.) Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–600 m. WC

nigrescens Sond.
Pterygodium nigrescens (Sond.) Schltr. (6)
Perennial. Herb, geophyte. Ht 0.17–0.55 m. Alt 610–3000 m. LIM, M, FS, KZN, L, EC

orobanchoides (L.f.) Sw.
C. vestitum Sw. (6)
Ophrys volucris Thunb., not of L.f. (6)
Pterygodium orobanchoides (L.f.) Schltr. (6)
Pterygodium vestitum (Sw.) Schltr. (6)
Satyrium orobanchoides L.f. (6)
Perennial. Herb, geophyte. Ht 0.25–0.42 m. Alt 30–500 m. WC

rubiginosum (Sond. ex Bolus) Rolfe = **Evotella rubiginosa**

tricuspidatum Bolus
Pterygodium tricuspidatum (Bolus) Schltr. (6)
Perennial. Herb, geophyte. Ht up to 0.33 m. Alt 1400–1600 m. KZN, L, EC

venosum (Lindl.) Rolfe = **Ceratandra venosa**

vestitum Sw. = **C. orobanchoides**

CORYMBIS Thouars 1531010

corymbosa Ridl. = **Corymborkis corymbis**

welwitschii Rchb.f. = **Corymborkis corymbis**

CORYMBORCHIS Thouars = **CORYMBORKIS**

CORYMBORKIS Thouars 1531000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210–212.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 73, 74.

bolusiana Schltr. = **C. corymbis**

corymbis Thouars
Corymbis corymbosa Ridl. (1)
Corymbis welwitschii Rchb.f. (1)
C. bolusiana Schltr. (1)
C. corymbosa (Ridl.) Kuntze (1)
C. thouarsii Rchb.f. (2)
Perennial. Herb. Ht up to 2 m. Alt ?–300 m. KZN, EC

corymbosa (Ridl.) Kuntze = **C. corymbis**

thouarsii Rchb.f. = **C. corymbis**

CYMBIDIUM Sw. 1724000

aculeatum (L.f.) Sw. = **Eulophia aculeata** subsp. **aculeata**

adenoglossum Lindl. = **Eulophia adenoglossa**

angolense Rchb.f. = **Eulophia angolensis**

buchanani Rchb.f. = **Eulophia foliosa**

pedicellatum (L.f.) Sw. = **Eulophia aculeata** subsp. **aculeata**

plicatum Harv. ex Lindl. = **Eulophia aculeata** subsp. **aculeata**

tabulare (L.f.) Sw. = **Eulophia tabularis**

ustulatum Bolus = **Acrolophia ustulata**

CYNORCHIS Thouars 1421020

glandulosa L.Bolus = **Cynorkis kassneriana**

macloughlinii L.Bolus = **Stenoglottis woodii**

rupicola Schltr. = **Cynorkis kassneriana**

CYNORKIS Thouars 1421000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 79, 80.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 144–146.

compacta (Rchb.f.) Rolfe
Cynosorchis compacta Rchb.f. (2)
Perennial. Herb, geophyte. Ht up to 0.08 m. Alt ?–700 m. KZN

kassneriana Kraenzl.
Cynorchis glandulosa L.Bolus (2)
Cynorchis rupicola Schltr. (2)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1830 m. LIM, G, M, S

macloughlinii L.Bolus = **Stenoglottis woodii**

CYNOSORCHIS Thouars 1421010

compacta Rchb.f. = **Cynorkis compacta**

CYRTOPERA Lindl. 1648050

foliosa Lindl. = **Eulophia foliosa**

oliveriana Rchb.f. = **Eulophia parviflora**

papillosa Rolfe = **Eulophia odontoglossa**

pedicellata (L.f.) Lindl. = **Eulophia aculeata** subsp. **aculeata**

walleri Rchb.f. = **Eulophia walleri**

CYRTORCHIS Schltr. 1835010

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 271, 272.
(2) Linder. 1989. *Kew Bulletin* 44: 317–319.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 431–434.

arcuata (Lindl.) Schltr. subsp. **arcuata**
Angraecum arcuatum Lindl. (3)
Listrostachys arcuata (Lindl.) Rchb.f. (1)
Perennial. Herb, epiphyte, lithophyte. Ht up to 0.5 m. Alt 305–1220 m. LIM, M, S, KZN, WC, EC

praetermissa Summerh. subsp. **praetermissa**
Perennial. Herb, epiphyte, succulent. Ht up to 0.4 m. Alt 750–1205 m. LIM, M

praetermissa Summerh. subsp. **zuluensis** (E.R.Harrison) H.P.Linder
C. praetermissa Summerh. var. *zuluensis* E.R.Harrison (2)
Perennial. Herb, epiphyte, succulent. Ht up to 0.23 m. Alt ± 50–500 m. KZN

praetermissa Summerh. var. *zuluensis* E.R.Harrison = **C. praetermissa** subsp. **zuluensis**

DENDROBIUM Sw. 1694000

cultriforme Thouars = **Polystachya cultriformis**

fusiformis Thouars = **Polystachya fusiformis**

DEROEMERA Rchb.f. 1417000

culveri (Bolus) Schltr. = **Holothrix culveri**

DIAPHANANTHE Schltr. 1828040

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 261, 262.
(2) Linder. 1989. *Kew Bulletin* 44: 317–319.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 434–437.

caffra (Bolus) H.P.Linder
Angraecum caffrum Bolus (1)
Margelliantha caffra (Bolus) P.J.Cribb & J.L.Stewart (2)
Mystacidium caffrum (Bolus) Bolus (2)
Perennial. Herb, epiphyte. Ht up to 0.05 m. Alt 915–1860 m. LIM, KZN, EC

fragrantissima (Rchb.f.) Schltr.
Listrostachys fragrantissima Rchb.f. (3)
Perennial. Herb, epiphyte. Ht? Alt ?–70 m. KZN

millarii (Bolus) H.P.Linder
Mystacidium millarii Bolus (2)
Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt? KZN, EC

peglerae (Bolus) Summerh. = **D. xanthopollinia**

xanthopollinia (Rchb.f.) Summerh.
Aeranthus gerrardii Rchb.f. (3)
Aeranthus xanthopollinius Rchb.f. (3)
Angraecum gerrardii (Rchb.f.) Bolus (1)
D. peglerae (Bolus) Summerh. (3)
Mystacidium gerrardii (Rchb.f.) Bolus (1)
Mystacidium peglerae Bolus (3)
Mystacidium xanthopollinium (Rchb.f.) T.Durand & Schinz (3)
Rhipidoglossum gerrardii (Rchb.f.) Schltr. (3)
Rhipidoglossum peglerae (Bolus) Schltr. (3)
Rhipidoglossum xanthopollinium (Rchb.f.) Schltr. (3)
Perennial. Herb, epiphyte. Ht up to 0.23 m. Alt 305–990 m. KZN, EC

DIDYMOPLEXIS Griff. 1487000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 351, 352.

verrucosa J.L.Stewart & Hennessy
Perennial. Herb, geophyte. Ht up to 0.06 m. Alt ?–10 m. KZN

DIPERA Spreng. 1437010

tenera Spreng. in part = **Disperis capensis** var. **brevicaudata**

tenera Spreng. in part = **Disperis capensis** var. **capensis**

DIPLACORCHIS Schltr. 1428010

tenuior in sense of Pole Evans, not of (Rchb.f.) Schltr. = **Brachycorythis conica** subsp. **transvaalensis**

tenuior (Rchb.f.) Schltr. = **Brachycorythis tenuior**

DIPLECTHRUM Pers. 1430030

bicallosum (Thunb.) Pers. = **Satyrium bicallosum**

bracteatum (L.f.) Pers. = **Satyrium bracteatum**

coriifolium (Sw.) Pers. = **Satyrium coriifolium**

erectum (Sw.) Pers. = **Satyrium erectum**

parviflorum (Sw.) Pers. = **Satyrium parviflorum**

pumilum (Thunb.) Pers. = **Satyrium pumilum**

striatum (Thunb.) Pers. = **Satyrium striatum**

DIPLOGASTRA Rchb.f. 1516010

angolensis Rchb.f. = **Platylepis glandulosa**

DISA P.J.Bergius 1434000

(1) Linder. 1981. *Bulletin du Jardin Botanique National de Belgique* 51: 255–346.
(2) Linder. 1981. *Contributions from the Bolus Herbarium* 9: 1–370.
(3) Linder. 1981. *Bothalia* 13: 339–363.
(4) Linder. 1981. *Bothalia* 13: 365–388.
(5) Stewart & Manning. 1982. *South African Orchid Journal* 13: 35–41.
(6) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 103–154.
(7) Linder. 1984. *Journal of South African Botany* 50: 261–263.
(8) McMurtry. 1984. *South African Orchid Journal* 15: 90–92.
(9) Linder. 1985. *Bothalia* 15: 553.
(9a) Linder. 1985. *South African Orchid Journal* 16: 102–104.
(10) Vlok. 1985. *South African Journal of Botany* 51: 335–338.
(11) Anderson & Van der Merwe. 1986. *Veld & Flora* 72: 11, 12.
(12) Linder. 1986. *Bothalia* 16: 56, 57.
(13) Linder. 1988. *South African Journal of Botany* 54: 496–500.
(14) Linder. 1990. *Lindleyana* 5: 224–230.
(15) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 187–288.

aconitoides Sond. subsp. **aconitoides**
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–2075 m. LIM, G, M, S, FS, KZN, WC, EC

aemula Bolus = **D. cornuta**

affinis N.E.Br. = **D. comosa**

alticola H.P.Linder
Perennial. Herb, geophyte. Ht 0.07–0.17 m. Alt ?–2180 m. M

amblyopetala Schltr. = **D. hircicornis**

amoena H.P.Linder
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–2000 m. M

arida Vlok
Perennial. Herb, geophyte. Ht 0.45–0.55 m. Alt 625–742 WC

aristata H.P.Linder
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 1200–1800 m. LIM

atricapilla (Harv. ex Lindl.) Bolus
D. bivalvata (L.f.) T.Durand & Schinz var. *atricapilla* (Harv. ex Lindl.) Schltr. (2)
Orthopenthea atricapilla (Harv. ex Lindl.) Rolfe (2)
Penthea atricapilla Harv. ex Lindl. (2)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt ?–2000 m. WC

atropurpurea Sond. = **D. spathulata** subsp. **spathulata**

atrorubens Schltr.
Monadenia atrorubens (Schltr.) Rolfe (15)
Monadenia ophrydea in sense of Kraenzl. (3)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–1000 m. NC, WC

attenuata Lindl. = **D. sagittalis**

aurata (Bolus) L.Parker & Koop.
D. tripetaloides (L.f.) N.E.Br. subsp. *aurata* (Bolus) H.P.Linder (2)
D. tripetaloides (L.f.) N.E.Br. var. *aurata* Bolus (2)
Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt? WC

auriculata Bolus = **D. densiflora**

barbata (L.f.) Sw.
Herschelia barbata (L.f.) Bolus (15)
Herschelianthe barbata (L.f.) N.C.Anthony (15)
Orchis barbata L.f. (4)
Satyrium barbatum (L.f.) Thunb. (4)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–200 m. WC

basutorum in sense of Kraenzl., not of Schltr. = **D. sankeyi**

basutorum Schltr.
Monadenia basutorum (Schltr.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.1–0.24 m. Alt 2500–3000 m. KZN, L, EC

baurii Bolus
Herschelia bachmanniana Kraenzl. (4)
Herschelia baurii (Bolus) Kraenzl. (15)
Herschelianthe bachmanniana (Kraenzl.) Rauschert (15)
Herschelianthe baurii (Bolus) Rauschert (4)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 150–1800 m. LIM, M, S, KZN, EC

begleyi L.Bolus
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–1200 m. WC

bifida (Thunb.) Sw. = **Schizodium bifidum**

bivalvata (L.f.) T.Durand & Schinz
D. melaleuca (Thunb.) Sw. (2)
Ophrys bivalvata L.f. (2)
Orthopenthea bivalvata (L.f.) Rolfe (2)
Penthea melaleuca (Thunb.) Lindl. (2)
Serapias melaleuca Thunb. (2)
Perennial. Herb, geophyte. Ht 0.1–0.45 m. Alt ?–2000 m. WC, EC

bivalvata (L.f.) T.Durand & Schinz var. *atricapilla* (Harv. ex Lindl.) Schltr. = **D. atricapilla**

bivalvata (L.f.) T.Durand & Schinz × **D. atricapilla** (Harv. ex Lindl.) Bolus
Perennial. Herb, geophyte. Ht? Alt? WC

bodkinii Bolus
Orthopenthea bodkinii (Bolus) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.03–0.25 m. Alt 600–2000 m. WC

bolusiana Schltr.
Monadenia bolusiana (Schltr.) Rolfe (15)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 200–1200 m. WC

brachyceras Lindl.
D. tenella (L.f.) Sw. var. *brachyceras* (Lindl.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.03–0.07 m. Alt 300–1200 m. WC

bracteata Sw.
D. micrantha (Lindl.) Bolus (3)
D. praetermissa Schltr. (3)
Monadenia bracteata (Sw.) T.Durand & Schinz (15)
Monadenia micrantha Lindl. (3)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1500 m. WC, EC

×**brendae** H.P.Linder (14)
D. uniflora P.J.Bergius × *D. caulescens* Lindl.
Perennial. Herb, geophyte. Ht 0.23–0.33 m. Alt ?–1300 m. WC

brevicornis (Lindl.) Bolus
Monadenia brevicornis Lindl. (15)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–2700 m. LIM, M, FS, KZN, WC, EC

brevipetala H.P.Linder
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt? WC

breyeri Schltr. = **D. welwitschii** subsp. **welwitschii**

caffra Bolus
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 100–400 m. KZN, EC

capricornis Rchb.f. = **D. gladioliflora** subsp. **capricornis**

cardinalis H.P.Linder
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–600 m. WC

caulescens Lindl.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 300–1200 m. WC, EC

cedarbergensis H.P.Linder
Perennial. Herb, geophyte. Ht ± 0.18 m. Alt ?–2000 m. WC

cephalotes Rchb.f. subsp. **cephalotes**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 1500–2500 m. FS, KZN, L, EC

cephalotes Rchb.f. subsp. **frigida** (Schltr.) H.P.Linder
D. frigida Schltr. (2)
Perennial. Herb, geophyte. Ht? Alt ?–3000 m. KZN, L

cernua (Thunb.) Sw.
D. prasinata Ker Gawl. (3)
Monadenia cernua (Thunb.) T.Durand & Schinz (15)
Monadenia inflata Sond. (3)
Monadenia prasinata (Ker Gawl.) Lindl. (3)
Satyrium cernuum Thunb. (3)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–300 m. WC, EC

cernua (Thunb.) Sw. in part = **D. physodes**

charpentieriana Rchb.f. = **D. multifida**

chrysostachya in sense of Batten & Bokelmann = **D. polygonoides**

chrysostachya Sw.
D. gracilis Lindl. (1)
Perennial. Herb, geophyte. Ht 0.25–1.1 m. Alt 30–2100 m. LIM, M, S, FS, KZN, L, EC

chrysostachya Sw. × *D. rhodantha* Schltr. = **D. ×paludicola**

clavicornis H.P.Linder
Perennial. Herb, geophyte. Ht ± 0.4 m. Alt ?–2000 m. M

clavigera (Lindl.) Bolus = **Schizodium obliquum** subsp. **clavigerum**

cochlearis S.D.Johnson & Liltved
Perennial. Herb, geophyte. Ht up to 0.45 m. Alt ?–1500 m. WC

coerulea (Harv. ex Lindl.) Rchb.f. = **Brownleea coerulea**

comosa (Rchb.f.) Schltr.
D. affinis N.E.Br. (3)
Monadenia comosa Rchb.f. (15)
Monadenia rufescens in sense of Lindl., not of Thunb. (3)
Perennial. Herb, geophyte. Ht 0.08–0.6 m. Alt ?–1600 m. WC, EC

conferta Bolus
Monadenia conferta (Bolus) Kraenzl. (15)
Perennial. Herb, geophyte. Ht 0.08–0.22 m. Alt ?–600 m. WC

cooperi Rchb.f.
Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt 1800–2200 m. M, FS, KZN, L, EC

cooperi Rchb.f. var. *scullyi* (Bolus) Schltr. in part = **D. scullyi**

cornuta (L.) Sw.
D. aemula Bolus (2)
D. cornuta (L.) Sw. var. *aemula* (Bolus) Kraenzl. (2)
D. macrantha Sw. (2)
Orchis cornuta L. (2)
Satyrium cornutum (L.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 5–2590 m. M, KZN, L, WC, EC

cornuta (L.) Sw. var. *aemula* (Bolus) Kraenzl. = **D. cornuta**

crassicornis Lindl.
D. jacottetiae Kraenzl. (2)
D. macrantha in sense of Weale (15)
D. megaceras Hook.f. (2)
Perennial. Herb, geophyte. Ht 0.4–1.15 m. Alt 1000–2700 m. KZN, L, EC

culveri Schltr. = **D. hircicornis**

cylindrica (Thunb.) Sw.
Satyrium cylindricum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.08–0.35 m. Alt 15–1200 m. WC, EC

densiflora (Lindl.) Bolus
D. auriculata Bolus (3)
D. multiflora (Sond.) Bolus (3)
Monadenia auriculata (Bolus) Rolfe (3)
Monadenia densiflora Lindl. (15)
Monadenia multiflora Sond. (3)
Perennial. Herb, geophyte. Ht 0.075–0.195 m. Alt ?–1000 m. WC, EC

dracomontana Schelpe ex H.P.Linder
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 2100–2900 m. FS, KZN

draconis in sense of authors, not of (L.f.) Sw. in part = **D. draconis**

draconis in sense of authors, not of (L.f.) Sw. in part = **D. harveiana** subsp. **harveiana**

draconis in sense of authors, not of (L.f.) Sw. in part = **D. harveiana** subsp. **longicalcarata**

draconis in sense of authors, not of (L.f.) Sw. in part = **D. karooica**

draconis (L.f.) Sw.
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
Orchis draconis L.f. (2)
Satyrium draconis (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

draconis (L.f.) Sw. var. *harveiana* (Lindl.) Schltr. = **D. harveiana** subsp. **harveiana**

ecalcarata (G.J.Lewis) H.P.Linder
Monadenia ecalcarata Lewis (15)
Perennial. Herb, geophyte. Ht ± 0.13 m. Alt? WC

elegans Sond. ex Rchb.f.
Orthopenthea elegans (Sond. ex Rchb.f.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 1000–2000 m. WC

esterhuyseniae Schelpe ex H.P.Linder
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 1000–1200 m. WC

excelsa in sense of Lindl. = **D. procera**

excelsa (Thunb.) Sw., superfluous name = **D. tripetaloides**

extinctoria Rchb.f.
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–1300 m. LIM, M, S

falcata Schltr. = **D. tripetaloides**

fanniniae Rolfe = **D. nervosa**

fasciata Lindl.
Orthopenthea fasciata (Lindl.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt ?–1000 m. WC

ferruginea (Thunb.) Sw.
Satyrium ferrugineum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 750–1350 m. WC

filicornis (L.f.) Thunb.
D. filicornis (L.f.) Thunb. var. *latipetala* Bolus (2)
D. patens in sense of Sw., not of L.f. (2)
D. reflexa (Lindl.) Rchb.f. (2)
Orchis filicornis L.f. (2)
Penthea filicornis (L.f.) Lindl. (2)
Penthea reflexa Lindl. (2)
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 300–1000 m. WC, EC

filicornis (L.f.) Thunb. var. *latipetala* Bolus = **D. filicornis**

filicornis (L.f.) Thunb. × **D. tenuifolia** Sw.
Perennial. Herb, geophyte. Ht? Alt? WC

flexuosa (L.) Sw. = **Schizodium flexuosum**

forcipata Schltr.
Herschelia forcipata (Schltr.) Kraenzl. (15)
Herschelianthe forcipata (Schltr.) Rauschert (15)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt? WC?

forficaria Bolus
Forficaria graminifolia Lindl. (4)
Herschelia forficaria (Bolus) H.P.Linder (15)
Herschelianthe forficaria (Bolus) N.C.Anthony (15)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 100–1000 m. WC

fragrans Schltr. subsp. **fragrans**
Monadenia junodiana Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.07–0.5 m. Alt 1800–3000 m. LIM, M, KZN, L, EC

frigida Schltr. = **D. cephalotes** subsp. **frigida**

galpinii Rolfe
D. minax Kraenzl. (2)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–2000 m. KZN, EC

gerrardii Rolfe = **D. patula** var. **transvaalensis**

gladioliflora Burch. ex Lindl. subsp. **capricornis** (Rchb.f.) H.P.Linder
D. capricornis Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 750–1300 m. WC

gladioliflora Burch. ex Lindl. subsp. **gladioliflora**
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 800–1200 m. WC, EC

glandulosa Burch. ex Lindl.
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 600–1500 m. WC, EC

gracilis Lindl. = **D. chrysostachya**

graminifolia Ker Gawl. ex Spreng.
Herschelia coelestis Lindl. (4)
Herschelia graminifolia (Ker Gawl. ex Spreng.) T.Durand & Schinz (15)
Herschelianthe graminifolia (Ker Gawl. ex Spreng.) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 300–1000 m. WC, EC

graminifolia Ker Gawl. ex Spreng. × **D. ferruginea** (Thunb.) Sw.
Herschelianthe graminifolia (Ker Gawl. ex Spreng.) Rauschert × *D. ferruginea* (Thunb.) Sw. (9a)
×*Herscheliodisa vogelpoelii* H.P.Linder (15)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. WC

grandiflora L.f. = **D. uniflora**

gueinzii (Rchb.f.) Bolus = **Schizodium obliquum** subsp. **clavigerum**

hallackii Rolfe
D. stokoei L.Bolus (2)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–50 m. WC, EC

harveiana Lindl. subsp. **harveiana**
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
D. draconis (L.f.) Sw. var. *harveiana* (Lindl.) Schltr. (15)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ± 460–1500 m. WC

harveiana Lindl. subsp. **longicalcarata** S.D.Johnson & H.P.Linder
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 500–900 m. NC, WC

hemisphaerophora Rchb.f. = **D. versicolor**

hians (L.f.) Spreng.
D. lacera Sw. (4)
D. lacera Sw. var. *multifida* N.E.Br. (4)
D. outeniquensis Schltr. (4)
Herschelia hians (L.f.) A.V.Hall (15)
Herschelia lacera (Sw.) Fourc. (4)
Herschelianthe hians (L.f.) Rauschert (15)
Herschelianthe lacera (Sw.) Rauschert (15)
Limodorum hians (L.f.) Thunb. (4)
Satyrium hians L.f. (4)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1000 m. WC, EC

hircicornis Rchb.f.
D. amblyopetala Schltr. (2)
D. culveri Schltr. (2)
D. laeta Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–1500 m. LIM, M, KZN

huttonii Rchb.f. = **D. sanguinea**

intermedia H.P.Linder
D. patula in sense of Compton (15)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–1360 m. S

introrsa Kurzweil, Liltved & H.P.Linder
Perennial. Herb, geophyte. Ht up to 0.15 m. Alt ?–1000 m. WC

jacottetiae Kraenzl. = **D. crassicornis**

karooica S.D.Johnson & H.P.Linder
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1500 m. NC, WC

kraussii Rolfe = **D. pulchra**

lacera in sense of Schltr. = **D. venusta**

lacera Sw. = **D. hians**

lacera Sw. var. *multifida* N.E.Br. = **D. hians**

laeta Rchb.f. = **D. hircicornis**

leptostachys Sond. = **D. tenuis**

lineata Bolus
D. neglecta in sense of Schltr. (2)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 600–1200 m. WC

longicornu L.f.
Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.2 m. Alt 600–1000 m. WC

longifolia Lindl.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 600–1200 m. WC

longipetala (Lindl.) Bolus = **Schizodium longipetalum**

lugens Bolus var. **lugens**
Herschelia lugens (Bolus) Kraenzl. (15)
Herschelianthe lugens (Bolus) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.45–1 m. Alt ± 20–600 m. WC, EC

lugens Bolus var. **nigrescens** (H.P.Linder) H.P.Linder
Herschelia lugens (Bolus) Kraenzl. var. *nigrescens* H.P.Linder (15)
Herschelianthe lugens (Bolus) Rauschert var. *nigrescens* (H.P.Linder) N.C.Anthony (15)
Perennial. Herb, geophyte. Ht 0.45–1 m. Alt ?–50 m. EC

lutea H.P.Linder = **D. tenuifolia**

macowanii Rchb.f. = **D. versicolor**

macrantha in sense of Weale = **D. crassicornis**

macrantha Sw. = **D. cornuta**

macroceras (Sond.) Rchb.f. = **Brownleea macroceras**

macrostachya in sense of Bolus (1911) = **D. reticulata**

macrostachya (Lindl.) Bolus
Monadenia macrostachya Lindl. (15)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–1500 m. NC

maculata Harv. ex Lindl. = **D. ocellata**

maculata L.f.
Schizodium maculatum (L.f.) Lindl. (2)
Perennial. Herb, geophyte, lithophyte. Ht 0.06–0.3 m. Alt 600–1200 m. WC

maculomarronina McMurtry
D. versicolor Rchb.f. × *D. hircicornis* Rchb.f. (15)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–1680 m. M, KZN

marlothii Bolus
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 600–1200 m. WC, EC

megaceras Hook.f. = **D. crassicornis**

melaleuca (Thunb.) Sw. = **D. bivalvata**

micrantha (Lindl.) Bolus = **D. bracteata**

micropetala Schltr.
Perennial. Herb, geophyte. Ht 0.06–0.3 m. Alt 600–1500 m. WC, EC

minax Kraenzl. = **D. galpinii**

minor (Sond.) Rchb.f.
Orthopenthea minor (Sond.) Rolfe (2)
Penthea minor Sond. (2)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 1000–2000 m. WC

modesta Rchb.f. = **D. vaginata**

montana Sond.
D. poikilantha Kraenzl. (2)
D. pulchra Sond. var. *montana* (Sond.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–2400 m. EC

multifida Lindl.
D. charpentieriana Rchb.f. (4)
Herschelia charpentieriana (Rchb.f.) Kraenzl. (4)
Herschelia multifida (Lindl.) Rolfe (15)
Herschelianthe charpentieriana (Rchb.f.) Rauschert (15)
Herschelianthe multifida (Lindl.) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 330–1500 m. WC

multiflora (Sond.) Bolus = **D. densiflora**

natalensis Lindl. = **D. polygonoides**

neglecta in sense of Schltr. = **D. lineata**

neglecta Sond.
Perennial. Herb, geophyte. Ht 0.09–0.18 m. Alt ?–1200 m. WC

nervosa in sense of Bolus (1896) = **D. patula** var. **patula**

nervosa in sense of Bolus (1913) = **D. patula** var. **transvaalensis**

nervosa Lindl.
D. fanniniae Rolfe (2)
Perennial. Herb, geophyte. Ht 0.4–0.85 m. Alt 300–2010 m. M, S, KZN, EC

newdigateae L.Bolus
Herschelia newdigateae (L.Bolus) H.P.Linder (15)
Herschelianthe newdigateae (L.Bolus) N.C.Anthony (15)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt? WC

nivea H.P.Linder
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 2000–2500 m. KZN, L, EC

nubigena H.P.Linder
Perennial. Herb, geophyte. Ht 0.14–0.21 m. Alt ?–1000 m. WC

×**nuwebergensis** H.P.Linder (14)
D. tripetaloides (L.f.) N.E.Br. × *D. caulescens* Lindl. (14)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt? WC

obliqua (Lindl.) Bolus = **Schizodium obliquum** subsp. **obliquum**

obtusa Lindl. subsp. **hottentotica** H.P.Linder
Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt 200–1500 m. WC

obtusa Lindl. subsp. **obtusa**
D. tabularis Sond. (2)
Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt ?–1000 m. WC

obtusa Lindl. subsp. **picta** (Sond.) H.P.Linder
D. pappei Rolfe (2)
D. picta Sond. (2)
Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt 300–1500 m. WC, EC

ocellata Bolus
D. maculata Harv. ex Lindl. (2)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 1000–1500 m. WC

oligantha Rchb.f.
D. parvilabris Bolus (2)
Orthopenthea triloba (Sond.) Rolfe (2)
Penthea triloba Sond. (2)
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt ?–1000 m. WC

ophrydea (Lindl.) Bolus
Brownleea pentheriana Kraenzl. ex Zahlbr. (3)
Monadenia ophrydea Lindl. (15)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. WC, EC

oreophila Bolus subsp. **erecta** H.P.Linder
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 2250–2700 m. KZN, L, EC

oreophila Bolus subsp. **oreophila**
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 1200–2100 m. M, FS, KZN, EC

outeniquensis Schltr. = **D. hians**

ovalifolia Sond.
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–1200 m. WC

×**paludicola** J.L.Stewart & J.C.Manning
D. chrysostachya Sw. × *D. rhodantha* Schltr. (5)
Perennial. Herb, geophyte. Ht up to 0.65 m. Alt ?–1500 m. KZN

pappei Rolfe = **D. obtusa** subsp. **picta**

parviflora (Harv. ex Lindl.) Rchb.f. = **Brownleea parviflora**

parvilabris Bolus = **D. oligantha**

patens in sense of (L.f.) Thunb., not of Sw., misapplied name = **D. tenuifolia**

patens in sense of Sw., not of L.f. = **D. filicornis**

patula in sense of Compton = **D. intermedia**

patula Sond. var. **patula**
D. nervosa in sense of Bolus (1896) (15)
D. stenoglossa Bolus (2)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–2000 m. M, KZN, EC

patula Sond. var. **transvaalensis** Summerh.
D. gerrardii Rolfe (2)
D. nervosa in sense of Bolus (1913) (15)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 200–1800 m. LIM, M, S, KZN, EC

physodes Sw.
D. cernua (Thunb.) Sw., in part (2)
Monadenia physodes (Sw.) Rchb.f. (15)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–1000 m. WC

picta Sond. = **D. obtusa** subsp. **picta**

pillansii L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 600–1500 m. WC

poikilantha Kraenzl. = **D. montana**

polygonoides Lindl.
D. chrysostachya in sense of Batten & Bokelmann (15)
D. natalensis Lindl. (1)
Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 5–1000 m. LIM, NW, G, M, S, KZN, EC

porrecta Sw.
D. zeyheri Sond. (2)
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 1000–2000 m. FS, L, EC

praetermissa Schltr. = **D. bracteata**

prasinata Ker Gawl.= **D. cernua**

procera H.P.Linder
D. excelsa in sense of Lindl. (4)
Herschelia excelsa in sense of Rolfe (4)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

propinqua Sond. = **D. spathulata** subsp. **spathulata**

propinqua Sond. var. *trifida* Sond. = **D. spathulata** subsp. **spathulata**

pulchra Sond.
D. kraussii Rolfe (2)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 1200–2100 m. FS, KZN, L, EC

pulchra Sond. var. *montana* (Sond.) Schltr. = **D. montana**

pulchra Sond. × **D. montana** Sond.
Perennial. Herb, geophyte. Ht? Alt? KZN

purpurascens Bolus
Herschelia purpurascens (Bolus) Kraenzl. (15)
Herschelianthe purpurascens (Bolus) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–300 m. WC

pygmaea Bolus
Monadenia pygmaea (Bolus) T.Durand & Schinz (15)
Perennial. Herb, geophyte. Ht 0.045–0.15 m. Alt ?–1000 m. WC

racemosa L.f.
D. racemosa L.f. var. *isopetala* Bolus (2)
D. secunda (Thunb.) Sw. (2)
Satyrium secundum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.3–1 m. Alt 5–1200 m. WC, EC

racemosa L.f. var. *isopetala* Bolus = **D. racemosa**

racemosa L.f. var. *venosa* (Sw.) Schltr. = **D. venosa**

racemosa L.f. × **D.** ?**atricapilla** (Harv. ex Lindl.) Bolus (15)
Perennial. Herb, geophyte. Ht? Alt? WC

recurvata (Sond.) Rchb.f. = **Brownleea recurvata**

reflexa (Lindl.) Rchb.f. = **D. filicornis**

reticulata Bolus
D. macrostachya in sense of Bolus (1911) (15)
Monadenia reticulata (Bolus) T.Durand & Schinz (3)
Perennial. Herb, geophyte. Ht 0.08–0.4 m. Alt ?–1700 m. WC

rhodantha Schltr.
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1500–2000 m. LIM, M, KZN, EC

richardiana Lehm. ex Bolus
Orthopenthea obtusa (Lindl.) Schelpe (2)
Orthopenthea richardiana (Lehm. ex Bolus) Rolfe (2)
Penthea obtusa Lindl. (2)
Perennial. Herb, geophyte. Ht 0.04–0.3 m. Alt 1000–1500 m. WC

rosea Lindl.
Orthopenthea rosea (Lindl.) Rolfe (2)
Perennial. Herb, geophyte, lithophyte. Ht 0.06–0.2 m. Alt 600–1000 m. WC

rufescens (Thunb.) Sw.
Monadenia lancifolia Sond. (3)
Monadenia leptostachya Sond. (3)
Monadenia macrocera Lindl. (3)
Monadenia rufescens (Thunb.) Lindl. (15)
Satyrium rufescens Thunb. (3)
Perennial. Herb, geophyte. Ht 0.14–0.4 m. Alt ?–1000 m. WC

rungweensis Schltr. subsp. *rhodesiaca* (Summerh.) Summerh. = **D. zimbabweensis**

sabulosa Bolus
Monadenia sabulosa (Bolus) Kraenzl. (15)
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt ?–1200 m. WC

sabulosa Bolus × **D. atrorubens** Schltr.
Monadenia sabulosa (Bolus) Kraenzl. × *M. atrorubens* (Schltr.) Rolfe (3)
Perennial. Herb, geophyte. Ht? Alt? WC

sagittalis (L.f.) Sw.
D. attenuata Lindl. (2)
Orchis sagittalis L.f. (2)
Satyrium sagittale (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.07–0.6 m. Alt ?–1000 m. WC, EC

sagittalis (L.f.) Sw. var. *triloba* (Lindl.) Schltr. = **D. triloba**

salteri G.J.Lewis
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1000 m. WC

sanguinea Sond.
D. huttonii Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt? KZN, EC

sankeyi Rolfe
D. basutorum in sense of Kraenzl., not of Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 2400–3000 m. S, KZN, L, EC

saxicola Schltr.
Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.4 m. Alt 960–2800 m. LIM, M, S

schizodioides Sond.
Orthopenthea schizodioides (Sond.) Rolfe (2)
Perennial. Herb, geophyte, lithophyte. Ht 0.05–0.25 m. Alt 1000–1800 m. WC

schlechteriana Bolus
Herschelia schlechteriana (Bolus) H.P.Linder (15)
Herschelianthe schlechteriana (Bolus) N.C.Anthony (15)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 300–1000 m. WC

scullyi Bolus
D. cooperi Rchb.f. var. *scullyi* (Bolus) Schltr. in part (2)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 1500–2000 m. KZN, EC

secunda (Thunb.) Sw. = **D. racemosa**

similis Summerh.
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–300 m. KZN, EC

spathulata (L.f.) Sw. subsp. **spathulata**
D. atropurpurea Sond. (4)
D. propinqua Sond. (4)
D. propinqua Sond. var. *trifida* Sond. (4)
D. spathulata (L.f.) Sw. var. *atropurpurea* (Sond.) Schltr. (4)
Herschelia atropurpurea (Sond.) Rolfe (15)
Herschelia spathulata (L.f.) Rolfe subsp. *spathulata* (15)
Herschelianthe atropurpurea (Sond.) Rauschert (15)
Herschelianthe spathulata (L.f.) Rauschert subsp. *spathulata* (3)
Orchis spathulata L.f. (4)
Satyrium spathulatum (L.f.) Thunb. (4)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 150–1000 m. NC, WC

spathulata (L.f.) Sw. subsp. **tripartita** (Lindl.) H.P.Linder
D. tripartita Lindl. (4)
Herschelia spathulata (L.f.) Rolfe subsp. *tripartita* (Lindl.) H.P.Linder (15)
Herschelia tripartita (Lindl.) Rolfe (4)
Herschelianthe spathulata (L.f.) Rauschert subsp. *tripartita* (Lindl.) N.C.Anthony (15)
Herschelianthe tripartita (Lindl.) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–800 m. WC

spathulata (L.f.) Sw. var. *atropurpurea* (Sond.) Schltr. = **D. spathulata** subsp. **spathulata**

stachyoides Rchb.f.
Monadenia leydenburgensis Kraenzl. (2)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 1000–2000 m. LIM, M, S, FS, KZN, L, EC

stenoglossa Bolus = **D. patula** var. **patula**

stokoei L.Bolus = **D. hallackii**

stricta Sond.
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 1800–2400 m. KZN, L, EC

subtenuicornis H.P.Linder
Perennial. Herb, geophyte. Ht 0.13–0.25 m. Alt ?–1200 m. WC

tabularis Sond. = **D. obtusa** subsp. **obtusa**

telipogonis Rchb.f.
Orthopenthea telipogonis (Rchb.f.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.03–0.25 m. Alt 300–1500 m. WC

tenella (L.f.) Sw. subsp. **pusilla** H.P.Linder
Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt 300–1200 m. WC

tenella (L.f.) Sw. subsp. **tenella**
Orchis tenella L.f. (2)
Orchis tenuifolia Burm.f. (2)
Satyrium tenellum (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt ?–200 m. WC

tenella (L.f.) Sw. var. *brachyceras* (Lindl.) Schltr. = **D. brachyceras**

tenuicornis Bolus
Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 700–1200 m. WC

tenuifolia Sw.
D. lutea H.P.Linder (15)
D. patens in sense of (L.f.) Thunb., not of Sw., misapplied name (12)
Ophrys patens L.f. (2)
Penthea patens (L.f.) Lindl. (2)
Serapias patens (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 5–1800 m. WC

tenuis Lindl.
Amphigena leptostachys (Sond.) Rolfe (2)
Amphigena tenuis (Lindl.) Rolfe (2)
D. leptostachys Sond. (2)
Monadenia tenuis (Lindl.) Kraenzl. (2)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–1000 m. WC

thodei Schltr. ex Kraenzl.
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 1800–3000 m. M, KZN, L, EC

torta (Thunb.) Sw. = **Schizodium satyrioides**

triloba Lindl.
D. sagittalis (L.f.) Sw. var. *triloba* (Lindl.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 1000–1500 m. WC

tripartita Lindl. = **D. spathulata** subsp. **tripartita**

tripetaloides (L.f.) N.E.Br.
D. excelsa (Thunb.) Sw., superfluous name (2)
D. falcata Schltr. (2)
D. tripetaloides (L.f.) N.E.Br. subsp. *tripetaloides* (15)
D. venosa in sense of Lindl., not of Sw., superfluous name (2)
Orchis tripetaloides L.f. (2)
Satyrium excelsum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt 75–1500 m. KZN, WC, EC

tripetaloides (L.f.) N.E.Br. subsp. *aurata* (Bolus) H.P.Linder = **D. aurata**

tripetaloides (L.f.) N.E.Br. subsp. *tripetaloides* = **D. tripetaloides**

tripetaloides (L.f.) N.E.Br. var. *aurata* Bolus = **D. aurata**

tripetaloides (L.f.) N.E.Br. × *D. caulescens* Lindl. = **D. ×nuwebergensis**

tysonii Bolus
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 100–3000 m. KZN, L, WC, EC

uncinata Bolus
Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 100–1000 m. WC, EC

uniflora P.J.Bergius
D. grandiflora L.f. (2)
Satyrium grandiflora (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 100–1200 m. WC

uniflora P.J.Bergius × *D. caulescens* Lindl. = **D. ×brendae**

vaginata Harv. ex Lindl.
D. modesta Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 300–1300 m. WC, EC

vasselotii Bolus ex Schltr.
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 600–1300 m. WC, EC

venosa in sense of Lindl., not of Sw., superfluous name = **D. tripetaloides**

venosa Sw.
D. racemosa L.f. var. *venosa* (Sw.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 600–1250 m. WC

venusta Bolus
D. lacera in sense of Schltr. (15)
Herschelia venusta (Bolus) Kraenzl. (15)
Herschelianthe venusta (Bolus) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–50 m. WC, EC

versicolor Rchb.f.
D. hemisphaerophora Rchb.f. (2)
D. macowanii Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.2–0.7 m. Alt ?–2400 m. LIM, G, M, S, FS, KZN, L, EC

versicolor Rchb.f. × *D. hircicornis* Rchb.f. = **D. maculomarronina**

virginalis H.P.Linder
Perennial. Herb, geophyte, lithophyte. Ht? Alt ?–1000 m. WC

welwitschii Rchb.f. subsp. **welwitschii**
D. breyeri Schltr. (1)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt ?–1500 m. LIM, S

woodii Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 5–1220 m. LIM, G, M, S, KZN, EC

zeyheri Sond. = **D. porrecta**

zimbabweensis H.P.Linder
D. rungweensis Schltr. subsp. *rhodesiaca* (Summerh.) Summerh. (2)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–2000 m. M

zuluensis Rolfe
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 500–1400 m. M, KZN

DISPERIS Sw. 1437000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 195–210.
(2) Manning. 1990. *South African Journal of Botany* 56: 493–496.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 299–320.

allisonii Rolfe = **D. cooperi**

anomala Schltr. = **D. stenoplectron**

anthoceros Rchb.f.
D. hamadryas Schltr. (1)
Perennial. Herb, geophyte. Ht 0.09–0.27 m. Alt 600–1800 m. LIM, NW, G, M, S, KZN

bicolor Rolfe = **D. tysonii**

bodkinii Bolus
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 25–760 m. WC

bolusiana Schltr. ex Bolus subsp. **bolusiana**
D. purpurata Rchb.f. var. *parviflora* Bolus (2)
D. purpurata Rchb.f. var. *parvifolia* Bolus (2)
Perennial. Herb, geophyte. Ht 0.06–0.26 m. Alt 60–1200 m. WC

bolusiana Schltr. ex Bolus subsp. **macrocorys** (Rolfe) J.C.Manning
D. macrocorys Rolfe (2)
Perennial. Herb, geophyte. Ht 0.06–0.26 m. Alt 900–1000 m. WC

buchananii Rolfe = **D. cooperi**

capensis (L.f.) Sw. var. **brevicaudata** Rolfe
Dipera tenera Spreng. in part (3)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 350–1100 m. WC, EC

capensis (L.f.) Sw. var. **capensis**
Arethusa capensis L.f. (3)
Dipera tenera Spreng. in part (3)
D. capensis (L.f.) Sw. var. *tenera* (Spreng.) Sond. (3)
Perennial. Herb, geophyte. Ht 0.07–0.65 m. Alt 10–1100 m. WC, EC

capensis (L.f.) Sw. var. *tenera* (Spreng.) Sond. = **D. capensis** var. **capensis**

cardiophora Harv.
Perennial. Herb, geophyte. Ht 0.11–0.26 m. Alt 500–2500 m. M, KZN, EC

circumflexa (L.) T.Durand & Schinz subsp. **aemula** (Schltr.) J.C.Manning
D. circumflexa (L.) T.Durand & Schinz var. *aemula* (Schltr.) Kraenzl. (3)
D. secunda (Thunb.) Sw. var. *aemula* Schltr. (3)
Perennial. Herb, geophyte. Ht up to 0.28 m. Alt 150–800 m. NC, WC

circumflexa (L.) T.Durand & Schinz subsp. **circumflexa**
Arethusa secunda Thunb., illegitimate name (3)
D. circumflexa (L.) T.Durand & Schinz var. *circumflexa* (3)
D. secunda (Thunb.) Sw. (3)
Orchis circumflexa L. (3)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 100–1000 m. WC

circumflexa (L.) T.Durand & Schinz var. *aemula* (Schltr.) Kraenzl. = **D. circumflexa** subsp. **aemula**

circumflexa (L.) T.Durand & Schinz var. *circumflexa* = **D. circumflexa** subsp. **circumflexa**

concinna Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 1400–2300 m. G, M, KZN

cooperi Harv.
D. allisonii Rolfe (1)
D. buchananii Rolfe (1)
D. ermelensis Rolfe (1)
Perennial. Herb, geophyte. Ht 0.14–0.38 m. Alt 1200–2100 m. M, FS, KZN

cucullata Sw.
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 30–350 m. WC

disaeformis Schltr.
Perennial. Herb, geophyte. Ht 0.07–0.15 m. Alt 350–1000 m. LIM, KZN, WC, EC

ermelensis Rolfe = **D. cooperi**

fanniniae Harv.
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 150–2100 m. LIM, M, S, FS, KZN, L, EC

flava Rolfe = **D. wealei**

gracilis Schltr. = **D. wealei**

hamadryas Schltr. = **D. anthoceros**

johnstonii Rolfe
Perennial. Herb, geophyte. Ht 0.045–0.15 m. Alt 50–600 m. KZN

kermesina Rolfe = **D. tysonii**

lindleyana Rchb.f.
Perennial. Herb, geophyte. Ht 0.14–0.3 m. Alt 750–1950 m. LIM, M, S, KZN, WC, EC

macowanii Bolus
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt 1500–2500 m. LIM, KZN, WC, EC

macrocorys Rolfe = **D. bolusiana** subsp. **macrocorys**

micrantha Lindl.
Perennial. Herb, geophyte. Ht 0.06–0.18 m. Alt 550–1200 m. LIM, G, M, S, KZN, EC

namaquensis Bolus = **D. purpurata** subsp. **purpurata**

natalensis Rolfe = **D. stenoplectron**

nelsonii Rolfe = **D. virginalis**

oxyglossa Bolus

Perennial. Herb, geophyte. Ht 0.16–0.33 m. Alt 1200–2700 m. KZN, EC

paludosa Harv. ex Lindl.
Perennial. Herb, geophyte. Ht 0.2–0.46 m. Alt 20–1050 m. WC, EC

purpurata Rchb.f. subsp. **pallescens** Bruyns
Perennial. Herb, geophyte. Ht 0.045–0.14 m. Alt ?–1350 m. NC

purpurata Rchb.f. subsp. **purpurata**
D. namaquensis Bolus (3)
Perennial. Herb, geophyte. Ht 0.045–0.14 m. Alt 800–1500 m. NC, WC

purpurata Rchb.f. var. *parviflora* Bolus = **D. bolusiana** subsp. **bolusiana**

purpurata Rchb.f. var. *parvifolia* Bolus = **D. bolusiana** subsp. **bolusiana**

renibractea Schltr.
Perennial. Herb, geophyte. Ht 0.09–0.28 m. Alt 1300–2800 m. M, KZN, EC

secunda (Thunb.) Sw. = **D. circumflexa** subsp. **circumflexa**

secunda (Thunb.) Sw. var. *aemula* Schltr. = **D. circumflexa** subsp. **aemula**

stenoglossa Schltr. = **D. woodii**

stenoplectron Rchb.f.
D. anomala Schltr. (1)
D. natalensis Rolfe (1)
Perennial. Herb, geophyte. Ht 0.14–0.23 m. Alt 1200–2850 m. M, KZN, L, EC

thorncroftii Schltr.
Perennial. Herb, geophyte. Ht 0.1–0.26 m. Alt 900–3050 m. M, KZN, WC, EC

tysonii Bolus
D. bicolor Rolfe (1)
D. kermesina Rolfe (1)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1200–3050 m. M, S, KZN, L, EC

villosa (L.f.) Sw.
Arethusa villosa L.f. (3)
Perennial. Herb, geophyte. Ht 0.06–0.18 m. Alt 20–210 m. WC, EC

virginalis Schltr.
D. nelsonii Rolfe (1)
Perennial. Herb, geophyte. Ht 0.13–0.21 m. Alt ?–2040 m. LIM

wealei Rchb.f.
D. flava Rolfe (1)
D. gracilis Schltr. (1)
Perennial. Herb, geophyte. Ht 0.14–0.3 m. Alt 1500–2700 m. LIM, M, KZN, L, EC

woodii Bolus
D. stenoglossa Schltr. (2)
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 2–1800 m. KZN, EC

DRACOMONTICOLA H.P.Linder & Kurzweil 1431010

(1) Linder & Kurzweil. 1995. *Willdenowia* 25: 229–234.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 87.

virginea (Bolus) H.P.Linder & Kurzweil
Brachycorythis virginea (Bolus) Rolfe (1)
Neobolusia virginea (Bolus) Schltr. (1)
Platanthera virginea Bolus (1)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 1500–3100 m. FS, KZN, L, EC

DRYOPEIA Thouars = **DISPERIS**

EPIDENDRUM L. 1614000

capense L.f. = **Mystacidium capense**

distichum Lam. = **Oberonia disticha**

umbellatum G.Forst. = **Bulbophyllum umbellatum**

EPIPHORA Lindl. 1566000

pubescens Lindl. = **Polystachya pubescens**

ERPORCHIS Thouars = **PLATYLEPIS**

ERPORKIS Thouars = **PLATYLEPIS**

EULOPHIA R.Br. ex Lindl. 1648000

(1) Hall. 1965. *Journal of South African Botany*, Suppl. 5: 1–248.
(2) Stewart *et al.* 1982. *Wild Orchids of southern Africa*: 229–251.
(3) Cribb. 1989. *FTEA* Orchidaceae: 422–480.
(4) Thomas. 1998. *Kew Bulletin* 53: 1005–1007.
(5) La Croix & Cribb. 1998. *FZ* 11: 458–537.
(6) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 363–395.

aculeata (L.f.) Spreng. subsp. **aculeata**
Cymbidium aculeatum (L.f.) Sw. (1)
Cymbidium pedicellatum (L.f.) Sw. (1)
Cymbidium plicatum Harv. ex Lindl. (1)
Cyrtopera pedicellata (L.f.) Lindl. (1)
E. capensis in sense of Bolus (6)
E. culveri Schltr. (1)
E. pedicellata (L.f.) Spreng. (1)
Satyrium aculeatum L.f. (1)
Satyrium pedicellatum L.f. (1)
Serapias aculeata (L.f.) Thunb. (1)
Serapias pedicellata (L.f.) Thunb. (1)
Perennial. Herb, geophyte. Ht 0.06–0.65 m. Alt 60–1830 m. M, S, L, WC, EC

aculeata (L.f.) Spreng. subsp. **huttonii** (Rolfe) A.V.Hall
E. huttonii Rolfe (1)
E. oliveriana Bolus (6)
Perennial. Herb, geophyte. Ht 0.06–0.65 m. Alt 670–2200 m. M, S, FS, KZN, EC

acuminata Rolfe = **E. calanthoides**

adenoglossa (Lindl.) Rchb.f.
Cymbidium adenoglossum Lindl. (3)
E. nigricans Schltr. (3)
Perennial. Herb, geophyte. Ht 0.3–0.9 m. Alt 700–1370 m. G, M, KZN

aemula Schltr. = **E. hians** var. **nutans**

aequalis (Lindl.) Bolus = **E. parviflora**

aliwalensis Rolfe = **E. hians** var. **inaequalis**

allisonii Rolfe = **E. calanthoides**

amajubae Schltr. = **E. hians** var. **nutans**

amplipetala Schltr. = **E. parvilabris**

angolensis (Rchb.f.) Summerh.
Cymbidium angolense Rchb.f. (1)
E. buchanani (Rchb.f.) Bolus (1)
Lissochilus angolensis (Rchb.f.) Rchb.f. (1)
Lissochilus buchanani Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.45–2 m. Alt 3–1310 m. B, LIM, M, S, KZN, EC

antennata Schltr. = **E. longisepala**

arenaria (Lindl.) Bolus = **E. cucullata**

arenicola Schltr.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–1000 m. B

austrooccidentalis Sölch = **E. speciosa**

bainesii Rolfe = **E. ovalis** var. **bainesii**

bakeri Rolfe = **E. ovalis** var. **ovalis**

barbata in sense of Bolus, not of (Thunb.) Spreng., misapplied name = **E. hians** var. **nutans**

barbata (Thunb.) Spreng. = **Acrolophia barbata**

bicolor in sense of Rchb.f. & Sond., not of Dalzell, also not of Blume = **E. welwitschii**

bilamellata Schltr. = **E. parviflora**

bilamellata Schltr. var. *euryceras* Schltr. = **E. parviflora**

boltoni Harv. ex Rolfe = **E. foliosa**

brachystyla Schltr. = **E. zeyheriana**

buchanani in sense of (Rchb.f.) T.Durand & Schinz, not of (Rchb.f.) Bolus = **E. foliosa**

buchanani (Rchb.f.) Bolus = **E. angolensis**

bulbinoides Schltr. = **E. milnei**

caffra Rchb.f. = **E. petersii**

calanthoides Schltr.
E. acuminata Rolfe (1)
E. allisonii Rolfe (1)
E. subintegra Rolfe (1)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt ?–1890 m. M, FS, KZN, EC

callichroma Rchb.f.
Acrolophia paniculata P.J.Cribb (3)
Perennial. Herb, geophyte, succulent. Ht up to 0.5 m. Alt? S

capensis in sense of Bolus = **E. aculeata** subsp. **aculeata**

carunculifera Rchb.f. = **E. hians** var. **nutans**

chlorantha Schltr.
Perennial. Herb, geophyte. Ht 0.09–0.35 m. Alt ?–1525 m. M, S

chrysantha Schltr. = **E. odontoglossa**

chrysops Summerh. = **E. schweinfurthii**

circinnata Rolfe = **E. petersii**

clavicornis Lindl. var. *clavicornis* = **E. hians** var. **hians**

clavicornis Lindl. var. *inaequalis* (Schltr.) A.V.Hall = **E. hians** var. **inaequalis**

clavicornis Lindl. var. *nutans* (Sond.) A.V.Hall = **E. hians** var. **nutans**

clitellifera (Rchb.f.) Bolus
Lissochilus clitellifer Rchb.f. (1)
Lissochilus rehmannii Rolfe (1)
Perennial. Herb, geophyte, succulent. Ht 0.13–0.35 m. Alt 655–1380 m. LIM, NW, G, M, S, FS, KZN, EC

cochlearis Lindl. = **Acrolophia cochlearis**

coddii A.V.Hall
Perennial. Herb, geophyte. Ht 0.28–0.45 m. Alt ?–1675 m. LIM, G

coeloglossa Schltr.
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ± 30–100 m. KZN, EC

collina Schltr. = **E. tenella**

comosa Sond. = **Acrolophia capensis**

complanata I.Verd. = **E. ovalis** var. **bainesii**

cooperi Rchb.f.
E. fragrans Schltr. (1)
E. robusta Rolfe in part (1)
E. sankeyi Rolfe (1)
Perennial. Herb, geophyte. Ht 0.16–0.37 m. Alt ?–1705 m. LIM, G, M, FS

corallorrhiziformis Schltr. = **E. milnei**

cucullata (Afzel. ex Sw.) Steud.
E. arenaria (Lindl.) Bolus (1)
Limodorum cucullatum Afzel. ex Sw. (1)
Lissochilus amabilis Schltr. (1)
Lissochilus arenarius Lindl. (1)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 30–155 m. KZN

culveri Schltr. = **E. aculeata** subsp. **aculeata**

decaryana H.Perrier = **Oeceoclades decaryana**

decurva Schltr. = **E. hians** var. **nutans**

deflexa Rolfe = **E. ovalis** var. **ovalis**

dissimilis R.A.Dyer = **Oeceoclades lonchophylla**

dregeana Lindl. = **E. ovalis** var. **ovalis**

dregeana Lindl. var. *angustior* Sond. = **E. ovalis** var. **ovalis**

durbanensis Rolfe = **E. odontoglossa**

elegantula Rolfe = **E. parviflora**

emarginata Lindl. = **E. hians** var. **hians**

engleri Rolfe = **E. hians** var. **inaequalis**

ensata Lindl.
Perennial. Herb, geophyte. Ht 0.25–1 m. Alt 5–1525 m. LIM, M, S, KZN, EC

ernestii Schltr. = **E. hians** var. **nutans**

flaccida Schltr. = **E. tenella**

flanaganii Bolus = **E. hians** var. **nutans**

foliosa (Lindl.) Bolus
Cymbidium buchanani Rchb.f. (1)
Cyrtopera foliosa Lindl. (1)
E. boltoni Harv. ex Rolfe (1)
E. buchanani in sense of (Rchb.f.) T.Durand & Schinz, not of (Rchb.f.) Bolus (1)
E. inamoena Kraenzl. (1)
E. reichenbachiana Bolus (1)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt ?–2000 m. LIM, G, M, S, FS, KZN, L, EC

fragrans Schltr. = **E. cooperi**

fridericii (Rchb.f.) A.V.Hall
Lissochilus fridericii Rchb.f. (1)
Lissochilus latifolius Schltr. (1)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 765–915 m. N, LIM, M

galpinii Schltr. = **E. hians** var. **nutans**

gladioloides Rolfe = **E. hians** var. **nutans**

guineensis Lindl.
Perennial. Herb, geophyte. Ht 0.15–0.65 m. Alt ?–950 m. B

haygarthii Rolfe = **E. ovalis** var. **ovalis**

hereroensis Schltr.
E. pillansii Bolus (1)
Perennial. Herb, geophyte, succulent. Ht 0.25–0.55 m. Alt 715–1210 m. N, B, LIM, NW, G, FS, NC, EC

hians Spreng. var. **hians**
E. clavicornis Lindl. var. *clavicornis* (4)
E. emarginata Lindl. (1)
E. obcordata Rolfe (1)
E. robusta Rolfe in part (1)
E. violacea Rchb.f. (1)
Graphorchis clavicornis (Lindl.) Kuntze (1)
Graphorchis emarginata (Lindl.) Kuntze (1)
Perennial. Herb, geophyte. Ht 0.11–0.92 m. Alt 60–2135 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

hians Spreng. var. **inaequalis** (Schltr.) S.Thomas
E. aliwalensis Rolfe (1)
E. clavicornis Lindl. var. *inaequalis* (Schltr.) A.V.Hall (4)
E. engleri Rolfe (1)
E. inaequalis Schltr. (1)
E. longipes Rolfe (1)
E. transvaalensis Rolfe (1)
E. watkinsonii Rolfe (1)
Perennial. Herb, geophyte. Ht 0.11–0.92 m. Alt ± 50–1675 m. LIM, G, M, S, FS, KZN, L, EC

hians Spreng. var. **nutans** (Sond.) S.Thomas
E. aemula Schltr. (1)
E. amajubae Schltr. (1)
E. barbata in sense of Bolus, not of (Thunb.) Spreng., misapplied name (1)
E. carunculifera Rchb.f. (1)
E. clavicornis Lindl. var. *nutans* (Sond.) A.V.Hall (4)
E. decurva Schltr. (1)
E. ernestii Schltr. (1)
E. flanaganii Bolus (1)
E. galpinii Schltr. (1)
E. gladioloides Rolfe (1)
E. laxiflora Schltr. (1)
E. nelsonii Rolfe (1)
E. nutans Sond. (1)
E. purpurascens Rolfe (1)
E. triloba Rolfe (1)
Perennial. Herb, geophyte. Ht 0.19–0.92 m. Alt 6–1950 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

holubii Rolfe
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–1000 m. B

horsfallii (Bateman) Summerh.
Lissochilus horsfallii Bateman (1)
Lissochilus sandersonii Rchb.f. (1)
Lissochilus transvaalensis Rolfe (1)
Perennial. Herb, geophyte, succulent. Ht 0.6–2 m. Alt 10–920 m. B, LIM, M, KZN

huttonii Rolfe = **E. aculeata** subsp. **huttonii**

inaequalis Schltr. = **E. hians** var. **inaequalis**

inamoena Kraenzl. = **E. foliosa**

inandensis Rolfe = **E. parviflora**

jumelleana Schltr. = **E. livingstoneana**

krebsii (Rchb.f.) Bolus = **E. streptopetala**

krebsii (Rchb.f.) Bolus var. *purpurata* (Ridl.) Bolus = **E. streptopetala**

kyimbilae Schltr.
Perennial. Herb, geophyte. Ht 0.35–0.85 m. Alt ?–1000 m. B

lamellata Lindl. = **Acrolophia lamellata**

latilabris Summerh.
Lissochilus schweinfurthii Rchb.f. (6)
Perennial. Herb, geophyte. Ht up to 1.3 m. Alt?–1000 m. B

latipetala Rolfe = **E. parvilabris**

laxiflora Schltr. = **E. hians** var. **nutans**

leachii Greatrex ex A.V.Hall
Perennial. Herb, geophyte, succulent. Ht 0.45–0.6 m. Alt ?–1220 m. N, LIM, G, KZN

leontoglossa Rchb.f.
E. stenantha Schltr. (1)
Perennial. Herb, geophyte. Ht 0.06–0.45 m. Alt 45–2075 m. LIM, G, M, S, FS, KZN, L, EC

leucantha (Kraenzl.) Sölch = **E. speciosa**

lissochiloides Lindl. = **E. platypetala**

litoralis Schltr.
Perennial. Herb, geophyte. Ht 0.2–0.66 m. Alt 15–610 m. WC

livingstoneana (Rchb.f.) Schltr.
E. jumelleana Schltr. (3)
E. robusta in sense of Schltr. (6)
Lissochilus jumelleanus (Schltr.) Schltr. (3)
Lissochilus livingstoneanus Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt ?–1000 m. N, B, LIM

lonchophylla Rchb.f. = **Oeceoclades lonchophylla**

longicornis (Thunb.) Spreng., illegitimate name = **Mystacidium capense**

longipes Rolfe = **E. hians** var. **inaequalis**

longisepala Rendle
E. antennata Schltr. (3)
Perennial. Herb, geophyte. Ht 0.2–0.63 m. Alt 20–105 m. KZN

lunata Schltr. = **Acrolophia barbata**

mackenii Rolfe ex Hemsl. = **Oeceoclades mackenii**

macowanii Rolfe
E. schnelliae L.Bolus (1)
Perennial. Herb, geophyte. Ht 0.23–0.4 m. Alt 30–610 m. KZN, EC

meleagris Rchb.f.
Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt ?–2000 m. KZN, EC

micrantha Lindl. = **Acrolophia micrantha**

milnei Rchb.f.
E. bulbinoides Schltr. (1)
E. corallorrhiziformis Schltr. (1)
Perennial. Herb, geophyte. Ht 0.18–0.52 m. Alt 30–1555 m. LIM, NW, G, M, S, KZN

natalensis Rchb.f. = **E. tenella**

nelsonii Rolfe = **E. hians** var. **nutans**

nigricans Schltr. = **E. adenoglossa**

nutans in sense of Bolus = **E. tenella**

nutans Sond. = **E. hians** var. **nutans**

obcordata Rolfe = **E. hians** var. **hians**

odontoglossa Rchb.f.
Cyrtopera papillosa Rolfe (1)
E. chrysantha Schltr. (1)
E. durbanensis Rolfe (1)
E. papillosa (Rolfe) Schltr. (1)
Graphorchis odontoglossa (Rchb.f.) Kuntze (1)
Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt 2–1275 m. LIM, M, S, KZN, EC

oliveriana Bolus = **E. aculeata** subsp. **huttonii**

oliveriana (Rchb.f.) Bolus = **E. parviflora**

ovalis Lindl. subsp. *bainesii* (Rolfe) A.V.Hall = **E. ovalis** var. **bainesii**

ovalis Lindl. subsp. *ovalis* = **E. ovalis** var. **ovalis**

ovalis Lindl. var. **bainesii** (Rolfe) P.J.Cribb & la Croix
E. bainesii Rolfe (1)
E. complanata I.Verd. (1)
E. ovalis Lindl. subsp. *bainesii* (Rolfe) A.V.Hall (5)
E. pretoriensis L.Bolus (1)
E. transvaalensis in sense of Schltr., not of Rolfe (1)
E. transvaalensis Schltr. var. *thorncroftii* Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.65 m. Alt 750–1980 m. LIM, G, M, S, FS

ovalis Lindl. var. **ovalis**
E. bakeri Rolfe (1)
E. deflexa Rolfe (1)
E. dregeana Lindl. (1)
E. dregeana Lindl. var. *angustior* Sond. (1)
E. haygarthii Rolfe (1)
E. ovalis Lindl. subsp. *ovalis* (5)
E. ovatipetala Rolfe (1)

E. thunbergii Rolfe (1)
Graphorchis ovalis (Lindl.) Kuntze (1)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 50–2255 m. LIM, NW, G, M, S, FS, KZN, L, EC

ovatipetala Rolfe = **E. ovalis** var. **ovalis**

papillosa (Rolfe) Schltr. = **E. odontoglossa**

parviflora (Lindl.) A.V.Hall
Cyrtopera oliveriana Rchb.f. (1)
E. aequalis (Lindl.) Bolus (1)
E. bilamellata Schltr. (1)
E. bilamellata Schltr. var. *euryceras* Schltr. (1)
E. elegantula Rolfe (1)
E. inandensis Rolfe (1)
E. oliveriana (Rchb.f.) Bolus (1)
E. rupestris in sense of Rchb.f., not of Wall. ex Lindl. (1)
E. rupincola Rchb.f. (1)
E. saundersiae Rolfe (1)
Graphorchis rupestris (Rchb.f.) Kuntze (1)
Lissochilus aequalis Lindl. (1)
Lissochilus parviflorus Lindl. (1)
Perennial. Herb, geophyte. Ht 0.2–0.53 m. Alt 160–1980 m. LIM, G, M, S, KZN, EC

parvilabris Lindl.
E. amplipetala Schltr. (1)
E. latipetala Rolfe (1)
E. rehmannii Rolfe (1)
E. stewartiae Rolfe (1)
Perennial. Herb, geophyte. Ht 0.3–0.85 m. Alt 365–2075 m. LIM, M, S, KZN, EC

pedicellata (L.f.) Spreng. = **E. aculeata** subsp. **aculeata**

peglerae Rolfe = **E. tabularis**

pentheri Schltr. = **E. schweinfurthii**

petersii (Rchb.f.) Rchb.f.
E. caffra Rchb.f. (1)
E. circinnata Rolfe (1)
Galeandra petersii Rchb.f. (1)
Perennial. Herb, geophyte, succulent. Ht 0.8–2 m. Alt 106–1220 m. LIM, M, S, KZN

pillansii Bolus = **E. hereroensis**

platypetala Lindl.
E. lissochiloides Lindl. (1)
Graphorchis lissochiloides (Lindl.) Kuntze (1)
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt ?–1220 m. WC, EC

pretoriensis L.Bolus = **E. ovalis** var. **bainesii**

purpurascens Rolfe = **E. hians** var. **nutans**

rehmannii Rolfe = **E. parvilabris**

reichenbachiana Bolus = **E. foliosa**

robusta in sense of Schltr. = **E. livingstoneana**

robusta Rolfe in part = **E. cooperi**

robusta Rolfe in part = **E. hians** var. **hians**

rupestris in sense of Rchb.f., not of Wall. ex Lindl. = **E. parviflora**

rupincola Rchb.f. = **E. parviflora**

sankeyi Rolfe = **E. cooperi**

saundersiae Rolfe = **E. parviflora**

schnelliae L.Bolus = **E. macowanii**

schweinfurthii Kraenzl.
E. chrysops Summerh. (3)
E. pentheri Schltr. (1)
Lissochilus aurantiacus Rchb.f. (3)
Lissochilus holubii Rolfe (3)
Perennial. Herb, geophyte, succulent. Ht up to 0.8 m. Alt ?–610 m. B, LIM, M

speciosa (R.Br. ex Lindl.) Bolus
E. austrooccidentalis Sölch (6)
E. leucantha (Kraenzl.) Sölch (6)
E. speciosa (R.Br. ex Lindl.) Bolus var. *culveri* Schltr. (1)
E. wakefieldii (Rchb.f. & S.Moore) Summerh. (5)
Lissochilus hereroensis in sense of Kraenzl. (6)
Lissochilus leucanthus Kraenzl. (6)
Lissochilus speciosus R.Br. ex Lindl. (1)
Lissochilus wakefieldii Rchb.f. & S.Moore (5)
Perennial. Herb, geophyte, succulent. Ht 0.4–0.9 m. Alt 5–1220 m. N, B, LIM, M, S, KZN, WC, EC

speciosa (R.Br. ex Lindl.) Bolus var. *culveri* Schltr. = **E. speciosa**

sphaerocarpa Sond. = **Acrolophia capensis**

stenantha Schltr. = **E. leontoglossa**

stewartiae Rolfe = **E. parvilabris**

streptopetala Lindl.
E. krebsii (Rchb.f.) Bolus (1)
E. krebsii (Rchb.f.) Bolus var. *purpurata* (Ridl.) Bolus (1)
Lissochilus krebsii Rchb.f. (1)
Lissochilus krebsii Rchb.f. var. *purpuratus* Ridl. (1)
Lissochilus streptopetalus (Lindl.) Lindl. (1)
Perennial. Herb, geophyte, succulent. Ht 0.4–2.3 m. Alt 60–1525 m. LIM, NW, G, M, S, KZN, EC

subintegra Rolfe = **E. calanthoides**

tabularis (L.f.) Bolus
Cymbidium tabulare (L.f.) Sw. (1)
E. peglerae Rolfe (1)
Satyrium tabulare L.f. (1)
Serapias tabularis (L.f.) Thunb. (1)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 305–1050 m. WC, EC

tainioides Schltr. = **Oeceoclades lonchophylla**

tenella Rchb.f.
E. collina Schltr. (1)
E. flaccida Schltr. (1)
E. natalensis Rchb.f. (1)
E. nutans in sense of Bolus (6)
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 245–1770 m. M, KZN, EC

thunbergii Rolfe = **E. ovalis** var. **ovalis**

transvaalensis in sense of Schltr., not of Rolfe = **E. ovalis** var. **bainesii**

transvaalensis Rolfe, not of Schltr. = **E. hians** var. **inaequalis**

transvaalensis Schltr. var. *thorncroftii* Schltr. = **E. ovalis** var. **bainesii**

triloba Rolfe = **E. hians** var. **nutans**

tristis (L.f.) Spreng. = **Acrolophia capensis**

tuberculata Bolus
Lissochilus leendertziae Schltr. (1)
Lissochilus platypetalus Lindl. (1)
Perennial. Herb, geophyte, succulent. Ht 0.15–0.4 m. Alt 155–1525 m. B, NW, G, WC, EC

ustulata (Bolus) Bolus = **Acrolophia ustulata**

violacea Rchb.f. = **E. hians** var. **hians**

wakefieldii (Rchb.f. & S.Moore) Summerh. = **E. speciosa**

walleri (Rchb.f) Kraenzl.
Cyrtopera walleri Rchb.f. (3)
Perennial. Herb, geophyte. Ht up to 1.3 m. Alt ?–305 m. N, B

watkinsonii Rolfe = **E. hians** var. **inaequalis**

welwitschii (Rchb.f.) Rolfe
E. bicolor in sense of Rchb.f. & Sond., not of Dalzell, also not of Blume (1)
E. zeyheri Hook.f. (1)
E. woodii Schltr. (1)
Orthochilus welwitschii Rchb.f. (1)

Perennial. Herb, geophyte. Ht 0.25–0.9 m. Alt 565–1980 m. LIM, NW, G, M, S, FS, KZN, L, EC

woodii Schltr. = **E. welwitschii**

zeyheriana Sond.
E. brachystyla Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt ?–2180 m. M, S, KZN, EC

zeyheri Hook.f. = **E. welwitschii**

EULOPHIDIUM Pfitzer 1648010

decaryanum (H.Perrier) Summerh. = **Oeceoclades decaryana**

dissimile R.A.Dyer = **Oeceoclades lonchophylla**

lonchophylla (Rchb.f.) Schltr. = **Oeceoclades lonchophylla**

mackenii (Rolfe ex Hemsl.) Schltr. = **Oeceoclades mackenii**

tainioides (Schltr.) Summerh. = **Oeceoclades lonchophylla**

EVOTA Rolfe 1439020

affinis (Sond.) Rolfe = **Ceratandra harveyana**

bicolor (Sond. ex Bolus) Rolfe = **Ceratandra bicolor**

harveyana (Lindl.) Rolfe = **Ceratandra harveyana**

venosa (Lindl.) Schelpe = **Ceratandra venosa**

EVOTELLA Kurzweil & H.P.Linder 1439030

(1) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 325, 326.

rubiginosa (Sond. ex Bolus) Kurzweil & H.P.Linder
Corycium rubiginosum (Sond. ex Bolus) Rolfe (2)
Pterygodium rubiginosum Sond. ex Bolus (1)
Perennial. Herb, geophyte. Ht up to 0.29 m. Alt 450–1250 m. WC

FORFICARIA Lindl. 1435020

graminifolia Lindl. = **Disa forficaria**

GALEANDRA Lindl. 1562000

petersii Rchb.f. = **Eulophia petersii**

***GASTRODIA** R.Br. 1486000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 352–354.

sesamoides R.Br.
Perennial. Herb, geophyte. Ht 0.3–1.5 m. Alt ?–800 m. WC

GRAPHORCHIS Thouars 1648060

clavicornis (Lindl.) Kuntze = **Eulophia hians** var. **hians**

emarginata (Lindl.) Kuntze = **Eulophia hians** var. **hians**

lissochiloides (Lindl.) Kuntze = **Eulophia platypetala**

odontoglossa (Rchb.f.) Kuntze = **Eulophia odontoglossa**

ovalis (Lindl.) Kuntze = **Eulophia ovalis** var. **ovalis**

rupestris (Rchb.f.) Kuntze = **Eulophia parviflora**

GUSSONEA A.Rich. 1828125

chiloschistae (Rchb.f.) Schltr. = **Microcoelia exilis**

exile (Lindl.) Ridl. = **Microcoelia exilis**

GYMNADENIA R.Br. 1405000

bulbinella (Rchb.f.) Kraenzl. = **Schizochilus bulbinella**

gerrardii (Rchb.f.) Kraenzl. = **Schizochilus gerrardii**

zeyheri (Sond.) Kraenzl. = **Schizochilus zeyheri**

HABENARIA Willd. 1422000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 82–96.
(2) Manning. 1989. *South African Journal of Botany* 55: 192–195.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 110–136.

anguiceps Bolus
H. readei Harv. ex Rolfe (1)
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 155–2500 m. M, KZN, EC

arenaria Lindl.
Bonatea micrantha Lindl. (3)
H. micrantha (Lindl.) Rchb.f. (1)
Perennial. Herb, geophyte. Ht up to 0.41 m. Alt 30–1500 m. M, KZN, WC, EC

armatissima Rchb.f.
H. dinteriana Kraenzl. (1)
H. lugardae Rolfe (1)
Perennial. Herb, geophyte. Ht up to 0.7 m. Alt ?–1550 m. N, B

barberae Schltr. = **H. tridens**

barbertoni Kraenzl. & Schltr.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1585 m. G, M

bicolor Conrath & Kraenzl.
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1600 m. G

bilabrella (Lindl.) Kraenzl. = **H. falcicornis** subsp. **falcicornis**

boltoni Harv. = **Bonatea speciosa** var. **speciosa**

bolusiana Schltr. = **H. lithophila**

bonatea Rchb.f. var. *boltonii* (Harv.) Bolus = **Bonatea speciosa** var. **speciosa**

caffra Schltr. = **H. falcicornis** subsp. **caffra**

cassidea (Sond.) Rchb.f. = **Bonatea cassidea**

chlorotica Rchb.f. = **H. filicornis**

ciliosa Lindl.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 400–1400 m. KZN, EC

ciliosa of author in part = **H. pseudociliosa**

clavata (Lindl.) Rchb.f.
Bonatea clavata Lindl. (3)
Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 60–2000 m. LIM, G, M, S, FS, KZN, L, EC

cornuta Lindl.
Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt ?–2200 m. LIM, G, M, S, KZN, EC

culveri Schltr.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 150–1000 m. NW, M, S, KZN

densiflora (Sond.) Rchb.f. = **Bonatea speciosa** var. **speciosa**

dinteriana Kraenzl. = **H. armatissima**

dives Rchb.f.
H. orangana Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.15–0.73 m. Alt 12–2600 m. M, S, FS, KZN, L, EC

dregeana Lindl.
Perennial. Herb, geophyte. Ht 0.17–0.57 m. Alt 300–2000 m. LIM, G, M, S, FS, KZN, L, EC

elatior Schltr. = **H. nyikana**

epipactidea Rchb.f.
Bonatea foliosa (Sw.) Lindl. (3)
Bonatea foliosa (Sw.) Lindl. var. *pauciflora* Sond. (3)
H. epipactidea Rchb.f. var. *schinzii* (Rolfe) Kraenzl. (3)
H. foliosa (Sw.) Rchb.f. (1)
H. hircina Rchb.f. (3)
H. perfoliata Kraenzl. (3)
H. polyphylla Kraenzl. (1)
H. rautanenii Kraenzl. (3)
H. schinzii Rolfe (3)
Orchis foliosa Sw. (3)
Perennial. Herb, geophyte. Ht 0.12–0.61 m. Alt 60–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

epipactidea Rchb.f. var. *schinzii* (Rolfe) Kraenzl. = **H. epipactidea**

falcicornis (Burch. ex Lindl.) Bolus subsp. **caffra** (Schltr.) J.C.Manning
H. caffra Schltr. (1)
H. falcicornis (Burch. ex Lindl.) Bolus var. *caffra* (Schltr.) Renz & Schelpe (2)
H. tetrapetala in sense of Kraenzl. (2)
Perennial. Herb, geophyte. Ht 0.35–0.83 m. Alt 15–2900 m. LIM, NW, G, M, S, FS, KZN, L

falcicornis (Burch. ex Lindl.) Bolus subsp. **falcicornis**
Bilabrella falcicornis Lindl. (3)
Bonatea bilabrella Lindl. (3)
Bonatea tetrapetala Lindl. (3)
H. bilabrella (Lindl.) Kraenzl. (3)
H. falcicornis (Burch. ex Lindl.) Bolus var. *falcicornis* (3)
H. mundtii Kraenzl. (3)
H. tetramera Bolus, superfluous name (3)
H. tetrapetala (Lindl.) Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.22–0.83 m. Alt 61–2600 m. KZN, L, WC, EC

falcicornis (Burch. ex Lindl.) Bolus var. *caffra* (Schltr.) Renz & Schelpe = **H. falcicornis** subsp. **caffra**

falcicornis (Burch. ex Lindl.) Bolus var. *falcicornis* = **H. falcicornis** subsp. **falcicornis**

filicornis Lindl.
H. chlorotica Rchb.f. (3)
H. filicornis Lindl. var. *chlorotica* (Rchb.f.) Geerinck (3)
H. natalensis Rchb.f. (3)
H. pertenuis Kraenzl. (3)
H. wilmsiana Kraenzl. (3)
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 400–2000 m. B, LIM, G, M, S, KZN

filicornis Lindl. var. *chlorotica* (Rchb.f.) Geerinck = **H. filicornis**

foliosa (Sw.) Rchb.f. = **H. epipactidea**

galpinii Bolus
H. incurva Rolfe (3)
Perennial. Herb, geophyte. Ht 0.13–0.5 m. Alt 900–2000 m. LIM, NW, G, M

gerrardii Rchb.f. = **H. tridens**

hircina Rchb.f. = **H. epipactidea**

holstii Kraenzl. = **H. malacophylla**

humilior Rchb.f.
H. rehmannii Bolus (2)
H. tetrapetaloides Schltr. (2)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1500 m. LIM, G, KZN

ichneumonea (Sw.) Lindl.
Orchis ichneumonea Sw. (3)
Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 1000–1100 m. B

incurva Rolfe = **H. galpinii**

insignis Schltr. = **Bonatea polypodantha**

involuta Bolus = **H. schimperiana**

kraenzliniana Schltr.
H. kraenzliniana Schltr. var. *natalensis* Rolfe (3)
Perennial. Herb, geophyte. Ht 0.2–0.37 m. Alt 1000–1400 m. LIM, G, KZN

kraenzliniana Schltr. var. *natalensis* Rolfe = **H. kraenzliniana**

laevigata Lindl.
H. ornithopoda Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 610–2600 m. LIM, M, FS, KZN, EC

lithophila Schltr.
H. bolusiana Schltr. (1)
H. macowaniana Kraenzl. (1)
H. petri Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt 366–2900 m. G, M, FS, KZN, L, WC, EC

lithophila Schltr. subsp. *mossii* G.Will. = **H. mossii**

lugardae Rolfe = **H. armatissima**

macowaniana Kraenzl. = **H. lithophila**

macrocorchis Schltr. = **Bonatea speciosa** var. **antennifera**

malacophylla Rchb.f.
H. holstii Kraenzl. (1)
H. polyantha Kraenzl. (1)
H. pulla Schltr. (1)
Perennial. Herb, geophyte. Ht 0.28–0.7 m. Alt 150–2000 m. LIM, M, S, KZN, EC

micrantha (Lindl.) Rchb.f. = **H. arenaria**

microrhynchos Schltr. = **H. petitiana**

mossii (G.Will.) J.C.Manning
H. lithophila Schltr. subsp. *mossii* G.Will. (2)
Perennial. Herb, geophyte. Ht 0.18–0.24 m. Alt ?–1500 m. G, EC

mundtii Kraenzl. = **H. falcicornis** subsp. **falcicornis**

natalensis Rchb.f. = **H. filicornis**

nyikana Rchb.f.
H. elatior Schltr. (1)
H. tetrapetala (Lindl.) Rchb.f. var. *major* Schltr. (3)
Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 600–1200 m. LIM, G, M, S

occultans Welw. ex Rchb.f. = **Centrostigma occultans**

orangana Rchb.f. = **H. dives**

ornithopoda Rchb.f. = **H. laevigata**

pasmithii G.Will.
Perennial. Herb, geophyte. Ht 0.83–0.91 m. Alt ?–1000 m. B

perfoliata Kraenzl. = **H. epipactidea**

pertenuis Kraenzl. = **H. filicornis**

petitiana (A.Rich.) T.Durand & Schinz
H. microrhynchos Schltr. (1)
Herminium natalense Rchb.f. (3)
Peristylus natalensis (Rchb.f.) Rolfe (1)
Peristylus petitianus A.Rich. (3)
Platanthera natalensis (Rchb.f.) Schltr. (3)
Platanthera petitiana (A.Rich.) Engl. (3)
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt up to 2000 m. LIM, M, KZN

petri Schltr. = **H. lithophila**

polyantha Kraenzl. = **H. malacophylla**

polyphylla Kraenzl. = **H. epipactidea**

polypodantha Rchb.f. = **Bonatea polypodantha**

porrecta Bolus = **Bonatea porrecta**

pseudociliosa Schelpe ex J.C.Manning
H. ciliosa of author in part (2)
Perennial. Herb, geophyte. Ht 0.24–0.47 m. Alt 50–1700 m. M, KZN, EC

pulla Schltr. = **H. malacophylla**

rautaneniana Kraenzl.
H. trachychila Kraenzl. (1)
Perennial. Herb, geophyte. Ht up to 0.8 m. Alt? N, 'TVL'

rautanenii Kraenzl. = **H. epipactidea**

readei Harv. ex Rolfe = **H. anguiceps**

rehmannii Bolus = **H. humilior**

robusta N.E.Br. = **Bonatea speciosa** var. **speciosa**

saundersiae Harv. = **Bonatea saundersiae**

saundersioides Kraenzl. & Schltr. = **Bonatea saundersioides**

schimperiana Hochst. ex A.Rich.
H. involuta Bolus (1)
Perennial. Herb, geophyte. Ht up to 1 m. Alt 915–2500 m. LIM, M, S, KZN

schinzii Rolfe = **H. epipactidea**

schlechteri Kraenzl. = **Centrostigma occultans**

stenorhynchos Schltr.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1900 m. LIM

steudneri Rchb.f. = **Bonatea steudneri**

subarmata Rchb.f.
Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt up to 1800 m. N

tetramera Bolus, superfluous name = **H. falcicornis** subsp. **falcicornis**

tetrapetala in sense of Kraenzl. = **H. falcicornis** subsp. **caffra**

tetrapetala (Lindl.) Rchb.f. = **H. falcicornis** subsp. **falcicornis**

tetrapetala (Lindl.) Rchb.f. var. *major* Schltr. = **H. nyikana**

tetrapetaloides Schltr. = **H. humilior**

trachychila Kraenzl. = **H. rautaneniana**

transvaalensis Schltr.
Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 1500–1800 m. LIM, M, KZN, L

tridens Lindl.
H. barberae Schltr. (3)
H. gerrardii Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.075–0.44 m. Alt 400–1500 m. NW, G, M, KZN, EC

tridens Lindl. × **H. malacophylla** Rchb.f.
Perennial. Herb, geophyte. Ht? Alt? 'TVL'

trilobulata Schltr.
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt ?–1000 m. B, LIM, M, KZN

tysonii Bolus
Perennial. Herb, geophyte. Ht 0.15–0.38 m. Alt 365–2094 m. M, KZN, EC

umvotensis Rolfe = **Bonatea saundersioides**

wilmsiana Kraenzl. = **H. filicornis**

woodii Schltr.
Perennial. Herb, geophyte. Ht up to 0.58 m. Alt ?–600 m. KZN

HALLACKIA Harv. 1414010

fimbriata Harv. = **Huttonaea fimbriata**

HAPLOSTELLIS Endl. = **NERVILIA**

HERMINIUM L. 1402000

natalense Rchb.f. = **Habenaria petitiana**

HERSCHELIA Lindl. 1435000

atropurpurea (Sond.) Rolfe = **Disa spathulata** subsp. **spathulata**

bachmanniana Kraenzl. = **Disa baurii**

barbata (L.f.) Bolus = **Disa barbata**

baurii (Bolus) Kraenzl. = **Disa baurii**

charpentieriana (Rchb.f.) Kraenzl. = **Disa multifida**

coelestis Lindl. = **Disa graminifolia**

excelsa in sense of Rolfe = **Disa procera**

forcipata (Schltr.) Kraenzl. = **Disa forcipata**

forficaria (Bolus) H.P.Linder = **Disa forficaria**

graminifolia (Ker Gawl. ex Spreng.) T.Durand & Schinz = **Disa graminifolia**

hians (L.f.) A.V.Hall = **Disa hians**

lacera (Sw.) Fourc. = **Disa hians**

lugens (Bolus) Kraenzl. = **Disa lugens** var. **lugens**

lugens (Bolus) Kraenzl. var. *nigrescens* H.P.Linder = **Disa lugens** var. **nigrescens**

multifida (Lindl.) Rolfe = **Disa multifida**

newdigateae (L.Bolus) H.P.Linder = **Disa newdigateae**

purpurascens (Bolus) Kraenzl. = **Disa purpurascens**

schlechteriana (Bolus) H.P.Linder = **Disa schlechteriana**

spathulata (L.f.) Rolfe subsp. *spathulata* = **Disa spathulata** subsp. **spathulata**

spathulata (L.f.) Rolfe subsp. *tripartita* (Lindl.) H.P.Linder = **Disa spathulata** subsp. **tripartita**

tripartita (Lindl.) Rolfe = **Disa spathulata** subsp. **tripartita**

venusta (Bolus) Kraenzl. = **Disa venusta**

HERSCHELIANTHE Rauschert 1435010

atropurpurea (Sond.) Rauschert = **Disa spathulata** subsp. **spathulata**

bachmanniana (Kraenzl.) Rauschert = **Disa baurii**

barbata (L.f.) N.C.Anthony = **Disa barbata**

baurii (Bolus) Rauschert = **Disa baurii**

charpentieriana (Rchb.f.) Rauschert = **Disa multifida**

forcipata (Schltr.) Rauschert = **Disa forcipata**

forficaria (Bolus) N.C.Anthony = **Disa forficaria**

graminifolia (Ker Gawl. ex Spreng.) Rauschert = **Disa graminifolia**

graminifolia (Ker Gawl. ex Spreng.) Rauschert × *Disa ferruginea* (Thunb.) Sw. = **Disa graminifolia × Disa ferruginea**

hians (L.f.) Rauschert = **Disa hians**

lacera (Sw.) Rauschert = **Disa hians**

lugens (Bolus) Rauschert = **Disa lugens** var. **lugens**

lugens (Bolus) Rauschert var. *nigrescens* (H.P.Linder) N.C.Anthony = **Disa lugens** var. **nigrescens**

multifida (Lindl.) Rauschert = **Disa multifida**

newdigateae (L.Bolus) N.C.Anthony = **Disa newdigateae**

purpurascens (Bolus) Rauschert = **Disa purpurascens**

schlechteriana (Bolus) N.C.Anthony = **Disa schlechteriana**

spathulata (L.f.) Rauschert subsp. *spathulata* = **Disa spathulata** subsp. **spathulata**

spathulata (L.f.) Rauschert subsp. *tripartita* (Lindl.) N.C.Anthony = **Disa spathulata** subsp. **tripartita**

tripartita (Lindl.) Rauschert = **Disa spathulata** subsp. **tripartita**

venusta (Bolus) Rauschert = **Disa venusta**

×*HERSCHELIODISA* H.P.Linder 1434050

vogelpoelii H.P.Linder = **Disa graminifolia × Disa ferruginea**

HIPPORCHIS Thouars = **SATYRIUM**

HIPPORKIS Thouars = **SATYRIUM**

HOLOTHRIX Rich. ex Lindl. 1408000

(1) Immelman. 1981. *Bothalia* 13: 455–456.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 58–66.
(3) Immelman. 1996. *Bothalia* 26: 125–140.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 96–110.

aspera (Lindl.) Rchb.f.
Bucculina aspera Lindl. (3)
H. confusa Rolfe (1)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 75–915 m. NC, WC

brachylabris Sond. = **H. exilis**

brevipetala Immelman & Schelpe
H. hispidula in sense of Schltr. in part (3)
H. parvifolia Lindl. (1835) in part, not of Lindl. (1836) (3)
Perennial. Herb, geophyte. Ht up to 0.32 m. Alt ?–460 m. WC, EC

burchellii in sense of Kraenzl., not of Lindl. = **H. scopularia**

burchellii (Lindl.) Rchb.f.
Scopularia burchellii Lindl. (3)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 30–1220 m. WC, EC

cernua (Burm.f.) Schelpe
H. gracilis Lindl. (3)
H. harveyana Lindl. (3)
H. hispidula (L.f.) T.Durand & Schinz (3)
H. monotris (Lindl.) Rchb.f. (3)
H. parvifolia Lindl. (1835) in part, not of Lindl. (1836) (1)
H. squamulosa Lindl. (3)
H. squamulosa Lindl. var. *glabrata* Bolus (1)
H. squamulosa Lindl. var. *hirsuta* Bolus (1)
H. squamulosa Lindl. var. *scabra* Bolus (1)
H. squamulosa Lindl. var. *typica* Schltr. (3)
Monotris secunda in sense of Lindl., not of *Orchis secunda* Thunb. (3)
Orchis cernua Burm.f. (3)
Orchis hispida Thunb. (1794) in part (3)
Orchis hispidula L.f. (3)
Perennial. Herb, geophyte. Ht up to 0.26 m. Alt 20–1200 m. NC, WC, EC

condensata Sond. = **H. villosa** var. **condensata**

confusa Rolfe = **H. aspera**

culveri Bolus
Deroemera culveri (Bolus) Schltr. (3)
H. culveri Bolus var. *integra* Bolus (1)
Perennial. Herb, geophyte. Ht up to 0.14 m. Alt ?–650 m. M

culveri Bolus var. *integra* Bolus = **H. culveri**

exilis Lindl.
H. brachylabris Sond. (3)
H. exilis Lindl. var. *brachylabris* (Sond.) Bolus (1)
Perennial. Herb, geophyte. Ht up to 0.29 m. Alt 90–610 m. WC, EC

exilis Lindl. var. *brachylabris* (Sond.) Bolus = **H. exilis**

filicornis Immelman & Schelpe
Perennial. Herb, geophyte. Ht up to 0.26 m. Alt ?–800 m. N, NC

gracilis Lindl. = **H. cernua**

grandiflora (Sond.) Rchb.f.
Scopularia grandiflora Sond. (3)
Perennial. Herb, geophyte. Ht up to 0.51 m. Alt? WC, EC

harveyana Lindl. = **H. cernua**

hispidula in sense of Schltr. = **H. brevipetala**

hispidula (L.f.) T.Durand & Schinz = **H. cernua**

incurva Lindl.
H. rupicola Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.17 m. Alt ?–3000 m. FS, KZN, L, EC

lindleyana Rchb.f. = **H. parviflora**

lindleyana Rchb.f. var. *parviflora* (Lindl.) Rolfe = **H. parviflora**

lithophila Schltr. = **H. villosa** var. **condensata**

longicornu G.J.Lewis
Perennial. Herb, geophyte. Ht up to 0.16 m. Alt? EC

macowaniana Rchb.f.
Perennial. Herb, geophyte. Ht up to 0.07 m. Alt? EC

majubensis C.Archer & R.H.Archer
Perennial. Herb, geophyte, lithophyte. Ht up to 0.55 m. Alt ?–2100 m. KZN

micrantha Schltr.
Perennial. Herb, geophyte. Ht up to 0.17 m. Alt? G

monotris (Lindl.) Rchb.f. = **H. cernua**

multisecta Bolus = **H. scopularia**

mundii Sond.
Perennial. Herb, geophyte. Ht up to 0.16 m. Alt ?–750 m. WC, EC

orthoceras (Harv.) Rchb.f.
Tryphia orthoceras Harv. (3)
Perennial. Herb, geophyte. Ht 0.06–0.3 m. Alt 305–1950 m. LIM, M, FS, KZN, L, EC

parviflora (Lindl.) Rchb.f.
H. lindleyana Rchb.f. (1)
H. lindleyana Rchb.f. var. *parviflora* (Lindl.) Rolfe (3)
Tryphia parviflora Lindl. (1)
Tryphia secunda Lindl., not *Orchis secunda* Thunb. (1823) (1)
Perennial. Herb, geophyte. Ht up to 0.24 m. Alt 60–915 m. KZN, WC, EC

parvifolia Lindl. (1835) in part, not of Lindl. (1836) = **H. brevipetala**

parvifolia Lindl. (1835) in part, not of Lindl. (1836) = **H. cernua**

parvifolia Lindl. (1836) in part, not of Lindl. (1835) = **H. villosa** var. **villosa**

pilosa (Burch. ex Lindl.) Rchb.f.
Saccidium pilosum Lindl. (3)
Perennial. Herb, geophyte. Ht up to 0.55 m. Alt ?–610 m. WC, EC

randii Rendle
H. reckii Bolus (3)
Perennial. Herb, geophyte. Ht 0.17–0.42 m. Alt ?–1370 m. LIM, G

reckii Bolus = **H. randii**

rupicola Schltr. = **H. incurva**

schlechteriana Schltr. ex Kraenzl.
Perennial. Herb, geophyte. Ht up to 0.27 m. Alt 155–1310 m. NC, WC, EC

scopularia (Lindl.) Rchb.f.
H. burchellii in sense of Kraenzl., not of Lindl. (3)
H. multisecta Bolus (1)
Scopularia secunda Lindl., not *Orchis secunda* Thunb. (3)
Perennial. Herb, geophyte. Ht 0.11–0.34 m. Alt 685–2900 m. M, FS, KZN, L, EC

secunda (Thunb.) Rchb.f.
Orchis secunda Thunb. (3)
Tryphia major Sond. (3)
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 100–1005 m. NC, WC

squamulosa Lindl. = **H. cernua**

squamulosa Lindl. var. *glabrata* Bolus = **H. cernua**

squamulosa Lindl. var. *hirsuta* Bolus = **H. cernua**

squamulosa Lindl. var. *scabra* Bolus = **H. cernua**

squamulosa Lindl. var. *typica* Schltr. = **H. cernua**

thodei Rolfe
Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt ?–2590 m. FS, KZN, L, EC

villosa Lindl. var. **condensata** (Sond.) Immelman
H. condensata Sond. (1)
H. lithophila Schltr. (1)
Perennial. Herb, geophyte, lithophyte. Ht up to 0.3 m. Alt 855–915 m. NC, WC, EC

villosa Lindl. var. **villosa**
H. parvifolia Lindl. (1836) in part, not of Lindl. (1835) (3)
Orchis hispida Thunb. (1794); Thunb. (1823) in part as to specimen *Thunberg β* (UPS) (3)
Perennial. Herb, geophyte. Ht up to 0.365 m. Alt 60–2000 m. NC, WC, EC

HUTTONAEA Harv. 1414000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 68–71.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 295–298.

fimbriata (Harv.) Rchb.f.
Hallackia fimbriata Harv. (2)
Perennial. Herb, geophyte. Ht 0.17–0.32 m. Alt 900–1800 m. KZN, EC

grandiflora (Schltr.) Rolfe
H. oreophila Schltr. var. *grandiflora* Schltr. (2)
Perennial. Herb, geophyte. Ht 0.09–0.25 m. Alt 2300–2800 m. FS, KZN, L, EC

oreophila Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1300–2200 m. KZN, EC

oreophila Schltr. var. *grandiflora* Schltr. = **H. grandiflora**

pulchra Harv.
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 1000–1800 m. M, KZN, EC

woodii Schltr.
Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 1200–2100 m. KZN

JUMELLEA Schltr. 1828140

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 260.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 425–427.
(3) La Croix. 2000. *Curtis's Botanical Magazine* 17: 208–215.

filicornoides (De Wild.) Schltr. = **J. walleri**

walleri (Rolfe) la Croix
Angraecum filicornoides De Wild. (2)
J. filicornoides (De Wild.) Schltr. (3)
Mystacidium walleri Rolfe (3)
Perennial. Herb, epiphyte. Ht up to 0.39 m. Alt 350–1700 m. LIM, KZN

LEPTORCHIS Thouars = **LIPARIS**

LEPTORKIS Thouars = **LIPARIS**

LIMODORUM L. 1534010

barbatum Thunb. = **Acrolophia barbata**

capense P.J.Bergius = **Acrolophia capensis**

cucullatum Afzel. ex Sw. = **Eulophia cucullata**

hians (L.f.) Thunb. = **Disa hians**

longicornu Thunb., illegitimate name = **Mystacidium capense**

triste (L.f.) Thunb. = **Acrolophia capensis**

LIPARIS Rich. 1556000

(1) Stewart. 1981. *American Orchid Society Bulletin* 50: 547–552.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 216–218.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 359–362.

bowkeri Harv.
L. gerrardii Rchb.f. (1)
L. neglecta Schltr. (1)
Perennial. Herb, geophyte, epiphyte, succulent. Ht 0.1–0.2 m. Alt 500–1860 m. LIM, NW, M, S, KZN, EC

capensis Lindl.
Sturmia capensis (Lindl.) Sond. (3)
Perennial. Herb, geophyte. Ht up to 0.1 m. Alt up to 600 m. WC, EC

deistelii Schltr. (insufficiently known)
L. odontochilus Summerh. (3)
Perennial. Herb, geophyte, epiphyte, succulent. Ht up to 0.15 m. Alt 1700–2750 m. LIM

gerrardii Rchb.f. = **L. bowkeri**

neglecta Schltr. = **L. bowkeri**

odontochilus Summerh. = **L. deistelii**

remota J.L.Stewart & Schelpe
Perennial. Herb, geophyte, epiphyte, succulent. Ht 0.1–0.2 m. Alt ?–1000 m. S, KZN, WC, EC

LISSOCHILUS R.Br. 1647000

aequalis Lindl. = **Eulophia parviflora**

amabilis Schltr. = **Eulophia cucullata**

angolensis (Rchb.f.) Rchb.f. = **Eulophia angolensis**

arenarius Lindl. = **Eulophia cucullata**
aurantiacus Rchb.f. = **Eulophia schweinfurthii**
buchanani Rchb.f. = **Eulophia angolensis**
clitellifer Rchb.f. = **Eulophia clitellifera**
decaryanus (H.Perrier) H.Perrier = **Oeceoclades decaryana**
fridericii Rchb.f. = **Eulophia fridericii**
hereroensis in sense of Kraenzl. = **Eulophia speciosa**
holubii Rolfe = **Eulophia schweinfurthii**
horsfallii Bateman = **Eulophia horsfallii**
jumelleanus (Schltr.) Schltr. = **Eulophia livingstoneana**
krebsii Rchb.f. = **Eulophia streptopetala**
krebsii Rchb.f. var. *purpuratus* Ridl. = **Eulophia streptopetala**
latifolius Schltr. = **Eulophia fridericii**
leendertziae Schltr. = **Eulophia tuberculata**
leucanthus Kraenzl. = **Eulophia speciosa**
livingstoneanus Rchb.f. = **Eulophia livingstoneana**
lonchophylla (Rchb.f.) H.Perrier = **Oeceoclades lonchophylla**
parviflorus Lindl. = **Eulophia parviflora**
platypetalus Lindl. = **Eulophia tuberculata**
rehmannii Rolfe = **Eulophia clitellifera**
sandersonii Rchb.f. = **Eulophia horsfallii**
schweinfurthii Rchb.f. = **Eulophia latilabris**
speciosus R.Br. ex Lindl. = **Eulophia speciosa**
streptopetalus (Lindl.) Lindl. = **Eulophia streptopetala**
transvaalensis Rolfe = **Eulophia horsfallii**
wakefieldii Rchb.f. & S.Moore = **Eulophia speciosa**

LISTROSTACHYS Rchb.f. 1835020

arcuata (Lindl.) Rchb.f. = **Cyrtorchis arcuata** subsp. **arcuata**
fragrantissima Rchb.f. = **Diaphananthe fragrantissima**
imbricata Rolfe = **Bolusiella maudiae**
muscicola (Rchb.f.) Rolfe = **Rangaeris muscicola**

MARGELLIANTHA P.J.Cribb 1837010

caffra (Bolus) P.J.Cribb & J.L.Stewart = **Diaphananthe caffra**

MARIARISQUETA Guinea = **CHEIROSTYLIS**

MEGACLINIUM Lindl. 1707000

sandersonii Hook. = **Bulbophyllum sandersonii** subsp. **sandersonii**
scaberulum Rolfe = **Bulbophyllum scaberulum** var. **scaberulum**

MICROCOELIA Lindl. 1828120

(1) Jonsson. 1981. *Symbolae Botanicae Upsalienses* 23: 1–151.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 260, 261.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 437–439.

exilis Lindl.
Angraecum chiloschistae Rchb.f. (2)
Gussonea chiloschistae (Rchb.f.) Schltr. (3)
Gussonea exile (Lindl.) Ridl. (3)
Mystacidium exile (Lindl.) T.Durand & Schinz (3)
Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt ?–520 m. KZN

obovata Summerh.
Perennial. Herb, epiphyte. Ht up to 0.03 m. Alt ?–1100 m. KZN

MONADENIA Lindl. 1436000

atrorubens (Schltr.) Rolfe = **Disa atrorubens**
auriculata (Bolus) Rolfe = **Disa densiflora**
basutorum (Schltr.) Rolfe = **Disa basutorum**
bolusiana (Schltr.) Rolfe = **Disa bolusiana**
bracteata (Sw.) T.Durand & Schinz = **Disa bracteata**
brevicornis Lindl. = **Disa brevicornis**
cernua (Thunb.) T.Durand & Schinz = **Disa cernua**
comosa Rchb.f. = **Disa comosa**
conferta (Bolus) Kraenzl. = **Disa conferta**
densiflora Lindl. = **Disa densiflora**
ecalcarata G.J.Lewis = **Disa ecalcarata**
inflata Sond. = **Disa cernua**
junodiana Kraenzl. = **Disa fragrans** subsp. **fragrans**
lancifolia Sond. = **Disa rufescens**
leptostachya Sond. = **Disa rufescens**
leydenburgensis Kraenzl. = **Disa stachyoides**
macrocera Lindl. = **Disa rufescens**
macrostachya Lindl. = **Disa macrostachya**
micrantha Lindl. = **Disa bracteata**
multiflora Sond. = **Disa densiflora**
ophrydea in sense of Kraenzl. = **Disa atrorubens**
ophrydea Lindl. = **Disa ophrydea**
physodes (Sw.) Rchb.f. = **Disa physodes**
prasinata (Ker Gawl.) Lindl. = **Disa cernua**
pygmaea (Bolus) T.Durand & Schinz = **Disa pygmaea**
reticulata (Bolus) T.Durand & Schinz = **Disa reticulata**
rufescens in sense of Lindl., not of Thunb. = **Disa comosa**
rufescens (Thunb.) Lindl. = **Disa rufescens**
sabulosa (Bolus) Kraenzl. = **Disa sabulosa**
sabulosa (Bolus) Kraenzl. × *M. atrorubens* (Schltr.) Rolfe = **Disa sabulosa** × **Disa atrorubens**
tenuis (Lindl.) Kraenzl. = **Disa tenuis**

MONOCHILUS Wall. ex Lindl. 1502010

gymnochiloides Ridl. = **Cheirostylis gymnochiloides**

MONOTRIS Lindl. 1408020

secunda in sense of Lindl., not of *Orchis secunda* Thunb. = **Holothrix cernua**

MYSTACIDIUM Lindl. 1837000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 267–271.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 439–444.

aliceae Bolus
Perennial. Herb, epiphyte. Ht up to 0.07 m. Alt ?–300 m. KZN, EC

brayboniae Summerh.
Perennial. Herb, epiphyte. Ht up to 0.06 m. Alt ?–1220 m. LIM

caffrum (Bolus) Bolus = **Diaphananthe caffra**

capense (L.f.) Schltr.
Aeranthus filicornis (Lindl.) Rchb.f., illegitimate name (2)
Angraecum capense (L.f.) Lindl. (1)
Epidendrum capense L.f. (2)
Eulophia longicornis (Thunb.) Spreng., illegitimate name (2)
Limodorum longicornu Thunb., illegitimate name (2)
M. filicorne Lindl., illegitimate name (2)
M. longicornu (Thunb.) T.Durand & Schinz, illegitimate name (2)

Perennial. Herb, epiphyte. Ht up to 0.13 m. Alt 15–915 m. M, S, KZN, WC, EC

exile (Lindl.) T.Durand & Schinz = **Microcoelia exilis**

filicorne Lindl., illegitimate name = **M. capense**

flanaganii (Bolus) Bolus
Angraecum flanaganii Bolus (1)
Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt 610–1820 m. M, KZN, EC

gerrardii (Rchb.f.) Bolus = **Diaphananthe xanthopollinia**

gracile Harv.
Aeranthus gracilis (Harv.) Rchb.f. (2)
Perennial. Herb, epiphyte. Ht up to 0.03 m. Alt ?–2135 m. LIM, M, KZN, EC

gracile in sense of Bolus = **M. venosum**

longicornu (Thunb.) T.Durand & Schinz, illegitimate name = **M. capense**

millarii Bolus = **Diaphananthe millarii**

muscicolum (Rchb.f.) T.Durand & Schinz = **Rangaeris muscicola**

peglerae Bolus = **Diaphananthe xanthopollinia**

pusillum Harv.
Aeranthus pusillus (Harv.) Rchb.f. (2)
Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt 30–460 m. M, KZN, EC

taeniophylloides Kraenzl. = **M. venosum**

venosum Harv. ex Rolfe
M. gracile in sense of Bolus (2)
M. taeniophylloides Kraenzl. (2)
Perennial. Herb, epiphyte. Ht up to 0.05 m. Alt 25–1675 m. LIM, M, S, KZN, EC

walleri Rolfe = **Jumellea walleri**

xanthopollinium (Rchb.f.) T.Durand & Schinz = **Diaphananthe xanthopollinia**

NEOBOLUSIA Schltr. 1429000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 71, 72.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 85–87.

tysonii (Bolus) Schltr.
Brachycorythis junodiana Kraenzl. (2)
Brachycorythis tysonii Bolus (1)
Perennial. Herb, geophyte. Ht 0.15–0.8 m. Alt 600–2350 m. LIM, M, S, KZN, L, EC

virginea (Bolus) Schltr. = **Dracomonticola virginea**

NERVILIA Comm. ex Gaudich. 1468000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 213–215.
(2) Pettersson. 1990. *Nordic Journal of Botany* 9: 487–497.
(3) Pettersson. 1991. *Orchid Monographs* 5: 1–89.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 354–359.

adolphii in sense of J.L.Stewart *et al.* in part = **N. gassneri**

bicarinata (Blume) Schltr.
N. grandiflora in sense of I.Verd. (3)
N. natalensis in sense of J.H.Ross (3)
N. umbrosa (Rchb.f.) Schltr. (3)
N. viridiflava (Rchb.f.) Schltr. (3)
Pogonia bicarinata Blume (3)
Pogonia umbrosa Rchb.f. (3)
Pogonia viridiflava Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.17–0.75 m. Alt ?–1500 m. LIM, M, KZN

crociformis (Zoll. & Moritzi) Seidenf.
Bolborchis crociformis Zoll. & Moritzi (3)
N. erosa P.J.Cribb (3)
N. humilis Schltr. (3)
N. reniformis Schltr. (3)
Perennial. Herb, geophyte. Ht 0.02–0.1 m. Alt 75–2000 m. M, S

erosa P.J.Cribb = **N. crociformis**

gassneri Börge Pett.
N. adolphii in sense of J.L.Stewart *et al.* in part (3)
Perennial. Herb, geophyte. Ht 0.025–0.1 m. Alt 1150–1900 m. LIM

grandiflora in sense of I.Verd. = **N. bicarinata**

grandiflora Schltr. = **N. renschiana**

humilis Schltr. = **N. crociformis**

kotschyi (Rchb.f.) Schltr. var. **purpurata** (Rchb.f. & Sond.) Börge Pett.
N. purpurata (Rchb.f. & Sond.) Schltr. (3)
Pogonia purpurata Rchb.f. & Sond. (3)
Perennial. Herb, geophyte. Ht 0.08–0.42 m. Alt ?–1200 m. NW, G, M

natalensis in sense of J.H.Ross = **N. bicarinata**

natalensis Schelpe = **N. renschiana**

purpurata in sense of J.L.Stewart *et al.* in part = **N. renschiana**

purpurata (Rchb.f. & Sond.) Schltr. = **N. kotschyi** var. **purpurata**

reniformis Schltr. = **N. crociformis**

renschiana (Rchb.f.) Schltr.
N. grandiflora Schltr. (3)
N. natalensis Schelpe (3)
N. purpurata in sense of J.L.Stewart *et al.* in part (3)
N. umbrosa in sense of Schelpe (3)
Pogonia purpurata in sense of Bews (3)
Pogonia renschiana Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt 100–1760 m. KZN

umbrosa in sense of Schelpe = **N. renschiana**

umbrosa (Rchb.f.) Schltr. = **N. bicarinata**

viridiflava (Rchb.f.) Schltr. = **N. bicarinata**

NOTIOPHRYS Lindl. 1516020

glandulosa Lindl. = **Platylepis glandulosa**

OBERONIA Lindl. 1558000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 215, 216.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 362, 363.

disticha (Lam.) Schltr.
Epidendrum distichum Lam. (2)
Perennial. Herb, epiphyte. Ht up to 0.1 m. Alt ?–800 m. LIM

OECEOCLADES Lindl. 1648020

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 251–253.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 395–398.

decaryana (H.Perrier) Garay & P.Taylor
Eulophia decaryana H.Perrier (2)
Eulophidium decaryanum (H.Perrier) Summerh. (2)
Lissochilus decaryanus (H.Perrier) H.Perrier (2)
Perennial. Herb, succulent. Ht 0.5–1 m. Alt ?–80 m. KZN

lonchophylla (Rchb.f.) Garay & P.Taylor
Eulophia dissimilis R.A.Dyer (1)
Eulophia lonchophylla Rchb.f. (2)
Eulophia tainioides Schltr. (2)
Eulophidium dissimile R.A.Dyer (1)
Eulophidium lonchophylla (Rchb.f.) Schltr. (2)
Eulophidium tainioides (Schltr.) Summerh. (1)
Lissochilus lonchophylla (Rchb.f.) H.Perrier (2)

Perennial. Herb, succulent, terrestrial, epiphyte. Ht up to 0.5 m. Alt? KZN

mackenii (Rolfe ex Hemsl.) Garay & P.Taylor
Eulophia mackenii Rolfe ex Hemsl. (1)
Eulophidium mackenii (Rolfe ex Hemsl.) Schltr. (1)
Perennial. Herb, succulent, terrestrial. Ht up to 0.3 m. Alt? KZN

OMMATODIUM Lindl. 1438010

volucris (L.f.) Lindl. = **Pterygodium volucris**

OPHRYS L. 1394000

alaris L.f. = **Pterygodium catholicum**
alata Thunb. = **Pterygodium alatum**
atrata L. = **Ceratandra atrata**
bicolor Thunb. = **Corycium bicolorum**
bivalvata L.f. = **Disa bivalvata**
bracteata L.f. = **Satyrium bracteatum**
caffra L. = **Pterygodium caffrum**
catholica L. = **Pterygodium catholicum**
inversa Thunb. = **Pterygodium inversum**
patens L.f. = **Disa tenuifolia**
triphylla Thunb. = **Pterygodium volucris**
volucris L.f. = **Pterygodium volucris**
volucris Thunb. = **Corycium orobanchoides**

ORCHIS L. 1396000

barbata L.f. = **Disa barbata**
bicornis L. = **Satyrium bicorne**
biflora L. = **Schizodium satyrioides**
burmanniana L. = **Bartholina burmanniana**
carnea Dryand. = **Satyrium carneum**
cernua Burm.f. = **Holothrix cernua**
circumflexa L. = **Disperis circumflexa** subsp. **circumflexa**
cornuta L. = **Disa cornuta**
draconis L.f. = **Disa draconis**
filicornis L.f. = **Disa filicornis**
flexuosa L. = **Schizodium flexuosum**
foliosa Sw. = **Habenaria epipactidea**
hispida Thunb. (1794), in part = **Holothrix cernua**
hispida Thunb. (1794); Thunb. (1823) in part as to specimen *Thunberg ß* (UPS) = **Holothrix villosa** var. **villosa**
hispidula L.f. = **Holothrix cernua**
ichneumonea Sw. = **Habenaria ichneumonea**
pectinata Thunb., illegitimate name = **Bartholina burmanniana**
sagittalis L.f. = **Disa sagittalis**
satyrioides L. = **Schizodium satyrioides**
secunda Thunb. = **Holothrix secunda**
spathulata L.f. = **Disa spathulata** subsp. **spathulata**
speciosa L.f. = **Bonatea speciosa** var. **speciosa**
tenella L.f. = **Disa tenella** subsp. **tenella**
tenuifolia Burm.f. = **Disa tenella** subsp. **tenella**
tripetaloides L.f. = **Disa tripetaloides**

ORTHOCHILUS Hochst. ex A.Rich. 1648040

welwitschii Rchb.f. = **Eulophia welwitschii**

ORTHOPENTHEA Rolfe 1434020

atricapilla (Harv. ex Lindl.) Rolfe = **Disa atricapilla**
bivalvata (L.f.) Rolfe = **Disa bivalvata**
bodkinii (Bolus) Rolfe = **Disa bodkinii**
elegans (Sond. ex Rchb.f.) Rolfe = **Disa elegans**
fasciata (Lindl.) Rolfe = **Disa fasciata**
minor (Sond.) Rolfe = **Disa minor**
obtusa (Lindl.) Schelpe = **Disa richardiana**
richardiana (Lehm. ex Bolus.) Rolfe = **Disa richardiana**
rosea (Lindl.) Rolfe = **Disa rosea**
schizodioides (Sond.) Rolfe = **Disa schizodioides**
telipogonis (Rchb.f.) Rolfe = **Disa telipogonis**
triloba (Sond.) Rolfe = **Disa oligantha**

PACHITES Lindl. 1426000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 180.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 150–152.

appressa Lindl.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 450–1000 m. WC

bodkinii Bolus
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 300–1000 m. WC

PENTHEA Lindl. 1434030

atricapilla Harv. ex Lindl. = **Disa atricapilla**
filicornis (L.f.) Lindl. = **Disa filicornis**
melaleuca (Thunb.) Lindl. = **Disa bivalvata**
minor Sond. = **Disa minor**
obtusa Lindl. = **Disa richardiana**
patens (L.f.) Lindl. = **Disa tenuifolia**
reflexa Lindl. = **Disa filicornis**
triloba Sond. = **Disa oligantha**

PERISTYLUS Blume 1410020

natalensis (Rchb.f.) Rolfe = **Habenaria petitiana**
petitianus A.Rich. = **Habenaria petitiana**

PLATANTHERA Rich. 1410000

bulbinella (Rchb.f.) Schltr. = **Schizochilus bulbinella**
gerrardii (Rchb.f.) Schltr. = **Schizochilus gerrardii**
inhambanensis Schltr. = **Brachycorythis inhambanensis**
macowaniana (Rchb.f.) Schltr. = **Brachycorythis macowaniana**
natalensis (Rchb.f.) Schltr. = **Habenaria petitiana**
petitiana (A.Rich.) Engl. = **Habenaria petitiana**
tenuior (Rchb.f.) Schltr. = **Brachycorythis tenuior**
virginea Bolus = **Dracomonticola virginea**
zeyheri (Sond.) Schltr. = **Schizochilus zeyheri**

PLATYCORYNE Rchb.f. 1422030

(1) La Croix & Cribb. 1995. *FZ* 11: 148–157.

mediocris Summerh.
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? M

PLATYLEPIS A.Rich. 1516000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 212.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 75, 76.

angolensis (Rchb.f.) T.Durand & Schinz = **P. glandulosa**

australis Rolfe = **P. glandulosa**

glandulosa (Lindl.) Rchb.f.
Diplogastra angolensis Rchb.f. (2)
Notiophrys glandulosa Lindl. (2)
P. angolensis (Rchb.f.) T.Durand & Schinz (2)
P. australis Rolfe (1)
Perennial. Herb. Ht 0.15–0.5 m. Alt 5–50 m. KZN

POGONIA Juss. 1464000

bicarinata Blume = **Nervilia bicarinata**

purpurata in sense of Bews = **Nervilia renschiana**

purpurata Rchb.f. & Sond. = **Nervilia kotschyi** var. **purpurata**

renschiana Rchb.f. = **Nervilia renschiana**

umbrosa Rchb.f. = **Nervilia bicarinata**

viridiflava Rchb.f. = **Nervilia bicarinata**

POLYSTACHYA Hook. 1565000

(1) Ball. 1978. *Southern African epiphytic orchids*: 1–247.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 222–229.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 407–416.

albescens Ridl. subsp. **imbricata** (Rolfe) Summerh.
P. imbricata Rolfe (3)
P. oligophylla Schltr. (3)
Perennial. Herb, epiphyte. Ht 0.15–0.4 m. Alt ?–1200 m. LIM, M, S

capensis Sond. ex Harv. = **P. ottoniana**

concreta (Jacq.) Garay & Sweet in part = **P. tessellata**

concreta (Jacq.) Garay & Sweet in part = **P. modesta**

cultrata Lindl. = **P. cultriformis**

cultriformis (Thouars) Spreng.
Dendrobium cultriforme Thouars (3)
P. cultrata Lindl. (3)
P. gerrardii Harv. (2)
Perennial. Herb, epiphyte. Ht 0.23–0.3 m. Alt ?–1860 m. M, S, KZN

fusiformis (Thouars) Lindl.
Dendrobium fusiformis Thouars (3)
Perennial. Herb, succulent, epiphyte. Ht up to 0.3 m. Alt 450–1400 m. LIM, M, KZN, EC

gerrardii Harv. = **P. cultriformis**

glaberrima Schltr. = **P. ottoniana**

imbricata Rolfe = **P. albescens** subsp. **imbricata**

lindleyana Harv., illegitimate name = **P. pubescens**

modesta Rchb.f.
P. concreta (Jacq.) Garay & Sweet in part (3)
P. rigidula Rchb.f. (3)
P. similis Rchb.f. (3)
Perennial. Herb, succulent, epiphyte. Ht up to 0.4 m. Alt? KZN

natalensis Rolfe = **P. transvaalensis**

oligophylla Schltr. = **P. albescens** subsp. **imbricata**

ottoniana Rchb.f.
P. capensis Sond. ex Harv. (3)
P. glaberrima Schltr. (2)
P. pisobulbon Kraenzl. (2)
Perennial. Herb, succulent, epiphyte. Ht 0.04–0.15 m. Alt 185–1800 m. LIM, M, S, KZN, WC, EC

pisobulbon Kraenzl. = **P. ottoniana**

pubescens (Lindl.) Rchb.f.
Epiphora pubescens Lindl. (3)
P. lindleyana Harv. illegitimate name (3)
Perennial. Herb, succulent, epiphyte. Ht 0.1–0.2 m. Alt 180–1560 m. LIM, M, S, KZN, EC

rigidula Rchb.f. = **P. modesta**

sandersonii Harv.
Perennial. Herb, succulent, epiphyte. Ht 0.08–0.2 m. Alt 45–380 m. LIM, S, KZN, EC

sandersonii in sense of Pole Evans = **P. zambesiaca**

similis Rchb.f. = **P. modesta**

tessellata Lindl.
P. concreta (Jacq.) Garay & Sweet in part (3)
P. tessellata Lindl. var. *tricruris* (Rchb.f.) Schelpe (3)
P. tricruris Rchb.f. (3)
Perennial. Herb, succulent, lithophyte, epiphyte. Ht 0.23–0.6 m. Alt 305–775 m. LIM, M, S, KZN, EC

tessellata Lindl. var. *tricruris* (Rchb.f.) Schelpe = **P. tessellata**

transvaalensis Schltr.
P. natalensis Rolfe (2)
Perennial. Herb, epiphyte. Ht 0.1–0.3 m. Alt 762–1900 m. LIM, M, S, KZN

tricruris Rchb.f. = **P. tessellata**

zambesiaca Rolfe
P. sandersonii in sense of Pole Evans (3)
Perennial. Herb, succulent, epiphyte. Ht 0.08–0.17 m. Alt ?–1807 m. LIM, S

zuluensis L.Bolus
Perennial. Herb, succulent, lithophyte, epiphyte. Ht 0.35–0.4 m. Alt ?–1370 m. S, KZN

PTERYGODIUM Sw. 1438000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 183–189.
(2) Linder. 1988. *South African Journal of Botany* 54: 496–500.
(3) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 327–339.

acutifolium Lindl.
Perennial. Herb, geophyte. Ht 0.22–0.47 m. Alt 50–1500 m. WC, EC

alare (L.f.) Druce = **P. catholicum**

alatum (Thunb.) Sw.
Ophrys alata Thunb. (4)
Perennial. Herb, geophyte. Ht up to 0.18 m. Alt 10–1000 m. WC, EC

atratum (L.) Sw. = **Ceratandra atrata**

bicolorum (Thunb.) Schltr. = **Corycium bicolorum**

bifidum (Sond.) Schltr. = **Corycium bifidum**

caffrum (L.) Sw.
Ophrys caffra L. (4)
Perennial. Herb, geophyte. Ht up to 0.34 m. Alt 30–450 m. WC, EC

carnosum Lindl. = **Corycium carnosum**

catholicum (L.) Sw.
Arethusa alaris (L.f.) Thunb. (4)
Ophrys alaris L.f. (4)
Ophrys catholica L. (4)
P. alare (L.f.) Druce (4)
Perennial. Herb, geophyte. Ht 0.1–0.34 m. Alt 15–1600 m. WC, EC

cleistogamum (Bolus) Schltr. = **P. newdigateae** var. **cleistogamum**

connivens Schelpe
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt ?–60 m. WC

cooperi Rolfe
P. macloughlinii L.Bolus (1)
Perennial. Herb, geophyte. Ht 0.17–0.29 m. Alt 1500–2800 m. KZN, L, EC

crispum (Thunb.) Schltr. = **Corycium crispum**

cruciferum Sond.
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–100 m. WC

deflexum Bolus = **Corycium deflexum**

excisum (Lindl.) Schltr. = **Corycium excisum**

flanaganii Bolus = **Corycium flanaganii**

hallii (Schelpe) Kurzweil & H.P.Linder
Anochilus hallii Schelpe (3)
Perennial. Herb, geophyte. Ht 0.45–0.5 m. Alt ?–1600 m. NC, WC

hastatum Bolus
Perennial. Herb, geophyte. Ht 0.13–0.35 m. Alt 1200–3000 m. LIM, M, S, FS, KZN, L, EC

inversum (Thunb.) Sw.
Anochilus inversus (Thunb.) Rolfe (3)
Ophrys inversa Thunb. (4)
Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 90–1000 m. WC

leucanthum Bolus
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 1300–2400 m. KZN, L, EC

macloughlinii L.Bolus = **P. cooperi**

magnum Rchb.f.
Corycium magnum (Rchb.f.) Rolfe (3)
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 500–2000 m. LIM, M, S, FS, KZN, EC

microglossum (Lindl.) Schltr. = **Corycium microglossum**

mundii Schltr. = **Corycium bicolorum**

newdigateae Bolus var. **cleistogamum** Bolus
P. cleistogamum (Bolus) Schltr. (4)
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt ?–610 m. WC, EC

newdigateae Bolus var. **newdigateae**
Perennial. Herb, geophyte. Ht up to 0.35 m. Alt? WC

nigrescens (Sond.) Schltr. = **Corycium nigrescens**

orobanchoides (L.f.) Schltr. = **Corycium orobanchoides**

patersoniae Schltr. = **Corycium carnosum**

pentherianum Schltr.
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 600–1200 m. WC

platypetalum Lindl.
Perennial. Herb, geophyte. Ht up to 0.24 m. Alt 550–1500 m. WC

rubiginosum Sond. ex Bolus = **Evotella rubiginosa**

schelpei H.P.Linder
Perennial. Herb, geophyte. Ht 0.09–0.3 m. Alt 400–1130 m. NC, WC

tricuspidatum (Bolus) Schltr. = **Corycium tricuspidatum**

venosum Lindl. = **Ceratandra venosa**

vestitum (Sw.) Schltr. = **Corycium orobanchoides**

volucris (L.f.) Sw.
Ommatodium volucris (L.f.) Lindl. (1)
Ophrys triphylla Thunb. (4)
Ophrys volucris L.f. (4)
Perennial. Herb, geophyte. Ht up to 0.52 m. Alt 60–900 m. WC, EC

RADINOCION Ridl. = **AERANGIS**

RANGAERIS (Schltr.) Summerh. 1830010

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 265.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 444, 445.

muscicola (Rchb.f.) Summerh.
Aeranthus muscicola Rchb.f. (2)
Listrostachys muscicola (Rchb.f.) Rolfe (2)
Mystacidium muscicolum (Rchb.f.) T.Durand & Schinz (2)
Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 180–335 m. M, KZN, EC

RHAPHIDORHYNCHUS Finet 1828130

kotschyi (Rchb.f.) Finet = **Aerangis kotschyana**

RHIPIDOGLOSSUM Schltr. 1828050

gerrardii (Rchb.f.) Schltr. = **Diaphananthe xanthopollinia**

peglerae (Bolus) Schltr. = **Diaphananthe xanthopollinia**

xanthopollinium (Rchb.f.) Schltr. = **Diaphananthe xanthopollinia**

SACCIDIUM Lindl. 1408010

pilosum Lindl. = **Holothrix pilosa**

SACCOLABIUM Blume 1822000

pachyglossa (Rchb.f.) Rolfe = **Acampe pachyglossa**

SATYRIDIUM Lindl. 1430010

rostratum Lindl. = **Satyrium rhynchanthum**

SATYRIUM Sw. 1430000

(1) Hall. 1982. *Contributions from the Bolus Herbarium* 10: 1–142.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 160–179.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 152–181.

aculeatum L.f. = **Eulophia aculeata** subsp. **aculeata**

acuminatum Lindl.
Perennial. Herb, geophyte. Ht 0.12–0.61 m. Alt 100–1500 m. WC, EC

aphyllum Schltr. = **S. parviflorum**

atherstonei Rchb.f. = **S. trinerve**

aureum Paxton = **S. coriifolium**

barbatum (L.f.) Thunb. = **Disa barbata**

beyrichianum Kraenzl. = **S. neglectum** subsp. **woodii**

bicallosum Thunb.
Diplecthrum bicallosum (Thunb.) Pers. (1)
S. bicallosum Thunb. var. *ocellatum* Bolus (1)
S. bicallosum Thunb. var. *thunbergianum* Bolus (1)
Perennial. Herb, geophyte. Ht 0.05–0.35 m. Alt ?–1000 m. WC

bicallosum Thunb. var. *ocellatum* Bolus = **S. bicallosum**

bicallosum Thunb. var. *thunbergianum* Bolus = **S. bicallosum**

bicorne (L.) Thunb.
Orchis bicornis L. (1)
S. cucullatum Sw. (1)
Perennial. Herb, geophyte. Ht 0.14–0.61 m. Alt ?–1200 m. WC, NC

bifidum Thunb. = **Schizodium bifidum**

bowiei Rolfe = **S. bracteatum**

bracteatum in sense of Lindl., not of Thunb. = **S. retusum**

bracteatum (L.f.) Thunb.
Diplecthrum bracteatum (L.f.) Pers. (1)
Ophrys bracteata L.f. (1)
S. bowiei Rolfe (1)
S. bracteatum (L.f.) Thunb. var. *glandulosum* Sond. (1)
S. bracteatum (L.f.) Thunb. var. *latebracteatum* Sond. (1)
S. bracteatum (L.f.) Thunb. var. *lineatum* (Lindl.) Sond. (1)
S. bracteatum (L.f.) Thunb. var. *nanum* Bolus (1)
S. bracteatum (L.f.) Thunb. var. *pictum* (Lindl.) Schltr. (1)
S. bracteatum (L.f.) Thunb. var. *saxicolum* (Bolus) Schltr. (1)
S. cordifolium Lindl. (1)
S. dregei Rolfe (1)
S. fanniniae Rolfe (1)
S. lineatum Lindl. (1)
S. paludicolum Schltr. (1)
S. pictum Lindl. (1)
S. saxicolum Bolus (1)
Perennial. Herb, geophyte, lithophyte. Ht 0.03–0.33 m. Alt 20–2000 m. LIM, M, KZN, WC, EC

bracteatum (L.f.) Thunb. var. *glandulosum* Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *latebracteatum* Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *lineatum* (Lindl.) Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *nanum* Bolus = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *pictum* (Lindl.) Schltr. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *saxicolum* (Bolus) Schltr. = **S. bracteatum**

candidum Lindl.
S. candidum Lindl. var. *minus* Sond. (1)
S. utriculatum Sond. (1)
Perennial. Herb, geophyte. Ht 0.2–0.62 m. Alt ?–300 m. WC

candidum Lindl. var. *minus* Sond. = **S. candidum**

candidum Lindl. × *S. bicallosum* Thunb. = **×S. guthriei**

capense (P.J.Bergius) Houtt. = **Acrolophia capensis**

carneum (Dryand.) Sims
Orchis carnea Dryand. (1)
Perennial. Herb, geophyte. Ht 0.34–0.8 m. Alt ?–300 m. WC

carneum (Dryand.) Sims × **S. coriifolium** Sw.
Perennial. Herb, geophyte. Ht? Alt? WC

cassideum Lindl. = **S. parviflorum**

cernuum Thunb. = **Disa cernua**

cordifolium Lindl. = **S. bracteatum**

coriifolium Sw.
Diplecthrum coriifolium (Sw.) Pers. (1)
S. aureum Paxton (1)
S. coriifolium Sw. var. *maculatum* Hook.f. (1)
Perennial. Herb, geophyte. Ht 0.18–0.77 m. Alt 15–750 m. WC, EC

coriifolium Sw. var. *maculatum* Hook.f. = **S. coriifolium**

cornutum (L.) Thunb. = **Disa cornuta**

cristatum in sense of Pole Evans = **S. cristatum** var. **longilabiatum**

cristatum Sond. var. **cristatum**
S. pentadactylum Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.14–0.55 m. Alt 607–2430 m. LIM, NW, G, M, S, FS, KZN, L, EC

cristatum Sond. var. **longilabiatum** A.V.Hall
S. cristatum in sense of Pole Evans (3)
Perennial. Herb, geophyte. Ht 0.14–0.55 m. Alt 1000–2000 m. LIM, M, S, KZN, L, EC

cucullatum Sw. = **S. bicorne**

cylindricum Thunb. = **Disa cylindrica**

debile Bolus = **S. retusum**

densiflorum Lindl. = **S. parviflorum**

draconis (L.f.) Thunb. = **Disa draconis**

dregei Rolfe = **S. bracteatum**

emarcidum Bolus = **S. ligulatum**

erectum Sw.
Diplecthrum erectum (Sw.) Pers. (1)
S. papillosum Lindl. (1)
S. pustulatum Lindl. (1)
Perennial. Herb, geophyte. Ht 0.1–0.56 m. Alt 250–1500 m. NC, WC, EC

erectum Sw. × **S. bicorne** (L.) Thunb.
Perennial. Herb, geophyte. Ht? Alt? WC

erectum Sw. × **S. coriifolium** Sw.
Perennial. Herb, geophyte. Ht? Alt? WC

eriostomum Lindl. = **S. parviflorum**

excelsum Thunb. = **Disa tripetaloides**

fanniniae Rolfe = **S. bracteatum**

ferrugineum Thunb. = **Disa ferruginea**

flexuosum (L.) Thunb. = **Schizodium flexuosum**

foliosum Sw.
Perennial. Herb, geophyte. Ht 0.23–0.31 m. Alt? WC

foliosum Sw. var. *helonioides* Lindl. = **S. hallackii** subsp. **hallackii**

grandiflora (L.f.) Thunb. = **Disa uniflora**

×guthriei Bolus
S. candidum Lindl. × *S. bicallosum* Thunb. (1)
Perennial. Herb, geophyte. Ht? Alt? WC

hallackii Bolus subsp. **hallackii**
S. foliosum Sw. var. *helonioides* Lindl. (1)
Perennial. Herb, geophyte. Ht 0.19–0.62 m. Alt ?–600 m. WC, EC

hallackii Bolus subsp. **ocellatum** (Bolus) A.V.Hall
S. nutans Kraenzl. (1)
S. ocellatum Bolus (1)
Perennial. Herb, geophyte. Ht 0.19–0.62 m. Alt 610–2100 m. LIM, NW, G, M, S, KZN, L, EC

hians L.f. = **Disa hians**

humile Lindl.
S. ochroleucum Bolus (1)
Perennial. Herb, geophyte. Ht 0.1–0.42 m. Alt 150–1500 m. WC

jacottetiae Kraenzl. = **S. membranaceum**

jacottetianum Kraenzl. = **S. longicauda** var. **jacottetianum**

ligulatum Lindl.
S. emarcidum Bolus (1)
Perennial. Herb, geophyte. Ht 0.09–0.55 m. Alt 3–2000 m. FS, KZN, NC, WC, EC

lindleyanum Bolus = **S. retusum**

lineatum Lindl. = **S. bracteatum**

longicauda Lindl. var. **jacottetianum** (Kraenzl.) A.V.Hall
S. jacottetianum Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.17–0.85 m. Alt 600–3000 m. M, FS, KZN, L, EC

longicauda Lindl. var. **longicauda**
S. platystigma Schltr. (1)
Perennial. Herb, geophyte. Ht 0.18–0.85 m. Alt 30–2100 m. LIM, M, S, FS, KZN, L, WC, EC

longicauda Lindl. × *S. neglectum* Schltr. subsp. *woodii* (Schltr.) A.V. Hall = **S. rhodanthum**

longicolle Lindl.
S. maculatum Burch. ex Lindl. (1)
Perennial. Herb, geophyte. Ht 0.11–0.43 m. Alt 15–760 m. WC, EC

lupulinum Lindl.
S. pallidiflorum Schltr. (1)
Perennial. Herb, geophyte. Ht 0.14–0.5 m. Alt 200–900 m. WC, EC

lydenburgense Rchb.f. = **S. parviflorum**

macrophyllum Lindl.
Perennial. Herb, geophyte. Ht 0.25–1.06 m. Alt 355–1800 m. KZN, EC

maculatum Burch. ex Lindl. = **S. longicolle**

marginatum Bolus = **S. stenopetalum** subsp. **brevicalcaratum**

membranaceum Sw.
S. jacottetiae Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.17–0.57 m. Alt 60–1600 m. WC, EC

microrrhynchum Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.36 m. Alt 1600–3300 m. M, KZN, EC

militare Lindl. = **S. sphaerocarpum**

monopetalum Kraenzl. = **S. trinerve**

muticum Lindl.
Perennial. Herb, geophyte. Ht 0.18–0.37 m. Alt ?–200 m. WC

neglectum Schltr. subsp. **neglectum**
Perennial. Herb, geophyte. Ht 0.2–1.07 m. Alt 900–3035 m. LIM, M, S, FS, KZN, L, EC

neglectum Schltr. subsp. **woodii** (Schltr.) A.V.Hall
S. beyrichianum Kraenzl. (1)
S. woodii Schltr. (1)
Perennial. Herb, geophyte. Ht 0.2–1.07 m. Alt 300–900 m. KZN, EC

nutans Kraenzl. = **S. hallackii** subsp. **ocellatum**

ocellatum Bolus = **S. hallackii** subsp. **ocellatum**

ochroleucum Bolus = **S. humile**

odorum Sond.
Perennial. Herb, geophyte. Ht 0.1–0.56 m. Alt ?–650 m. WC

orobanchoides L.f. = **Corycium orobanchoides**

outeniquense Schltr.
Perennial. Herb, geophyte. Ht 0.1–0.28 m. Alt 160–1000 m. WC, EC

pallens S.D.Johnson & Kurzweil
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–900 m. WC

pallidiflorum Schltr. = **S. lupulinum**

paludicolum Schltr. = **S. bracteatum**

papillosum Lindl. = **S. erectum**

parviflorum in sense of Lindl., not of Sw. = **S. stenopetalum** subsp. **brevicalcaratum**

parviflorum Sw.
Diplecthrum parviflorum (Sw.) Pers. (1)
S. aphyllum Schltr. (1)
S. cassideum Lindl. (1)
S. densiflorum Lindl. (1)
S. eriostomum Lindl. (1)
S. lydenburgense Rchb.f. (1)
S. tenuifolium Kraenzl. (1)
S. wilmsianum Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.15–1.3 m. Alt 60–2685 m. LIM, G, M, S, FS, KZN, L, WC, EC

pedicellatum L.f. = **Eulophia aculeata** subsp. **aculeata**

pentadactylum Kraenzl. = **S. cristatum** var. **cristatum**

pentherianum Kraenzl. = **S. pygmaeum**

pictum Lindl. = **S. bracteatum**

platystigma Schltr. = **S. longicauda** var. **longicauda**

princeps Bolus
Perennial. Herb, geophyte. Ht 0.28–0.86 m. Alt ?–150 m. WC, EC

pulchrum S.D.Johnson & Kurzweil
Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–800 m. WC

pumilum Thunb.
Aviceps pumila (Thunb.) Lindl. (1)
Diplecthrum pumilum (Thunb.) Pers. (1)
Perennial. Herb, geophyte. Ht 0.01–0.03 m. Alt 450–1200 m. NC, WC

pustulatum Lindl. = **S. erectum**

pygmaeum Sond.
S. pentherianum Kraenzl. (1)
S. schlechteri Rolfe (1)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 240–1550 m. WC

retusum Lindl.
S. bracteatum in sense of Lindl., not of Thunb. (1)
S. debile Bolus (1)
S. lindleyanum Bolus (1)
Perennial. Herb, geophyte. Ht 0.04–0.31 m. Alt ?–1700 m. WC, EC

rhodanthum Schltr.
S. longicauda Lindl. × *S. neglectum* Schltr. subsp. *woodii* (Schltr.) A.V.Hall (3)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? KZN

rhynchanthum Bolus
Satyridium rostratum Lindl. (3)
Perennial. Herb, geophyte. Ht 0.16–0.4 m. Alt 300–1000 m. WC

rufescens Thunb. = **Disa rufescens**

rupestre Schltr. ex Bolus
Perennial. Herb, geophyte. Ht 0.1–0.43 m. Alt 60–1500 m. WC, EC

sagittale (L.f.) Thunb. = **Disa sagittalis**

saxicolum Bolus = **S. bracteatum**

schlechteri Rolfe = **S. pygmaeum**

secundum Thunb. = **Disa racemosa**

spathulatum (L.f.) Thunb.= **Disa spathulata** subsp. **spathulata**

sphaerocarpum Lindl.
S. militare Lindl. (1)
Perennial. Herb, geophyte. Ht 0.17–0.51 m. Alt 4–2210 m. KZN, EC

stenopetalum Lindl. subsp. **brevicalcaratum** (Bolus) A.V.Hall
S. marginatum Bolus (1)
S. parviflorum in sense of Lindl., not of Sw. (1)
S. stenopetalum Lindl. var. *brevicalcaratum* Bolus (1)
S. stenopetalum Lindl. var. *parviflorum* (Lindl.) Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.55 m. Alt 60–900 m. WC

stenopetalum Lindl. subsp. **stenopetalum**
Perennial. Herb, geophyte. Ht 0.15–0.56 m. Alt 45–730 m. WC, EC

stenopetalum Lindl. var. *brevicalcaratum* Bolus = **S. stenopetalum** subsp. **brevicalcaratum**

stenopetalum Lindl. var. *parviflorum* (Lindl.) Schltr. = **S. stenopetalum** subsp. **brevicalcaratum**

striatum Thunb.
Diplecthrum striatum (Thunb.) Pers. (1)
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 100–800 m. WC

tabulare L.f. = **Eulophia tabularis**

tenellum (L.f.) Thunb. = **Disa tenella** subsp. **tenella**

tenuifolium Kraenzl. = **S. parviflorum**

tortum Thunb. = **Schizodium satyrioides**

trinerve Lindl.
S. atherstonei Rchb.f. (1)
S. monopetalum Kraenzl. (1)
S. triphyllum Kraenzl. (1)
Perennial. Herb, geophyte. Ht 0.21–0.87 m. Alt ?–2180 m. LIM, G, M, S, KZN, EC

triphyllum Kraenzl. = **S. trinerve**

triste L.f. = **Acrolophia capensis**

utriculatum Sond. = **S. candidum**

wilmsianum Kraenzl. = **S. parviflorum**

woodii Schltr. = **S. neglectum** subsp. **woodii**

SCHIZOCHILUS Sond. 1431000

(1) Linder. 1980. *Journal of South African Botany* 46: 379–434.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 75–79.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 87–94.

albiflos Schltr. = **S. angustifolius**

angustifolius Rolfe
S. albiflos Schltr. (1)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 2100–3000 m. KZN

angustifolius Rolfe corrected by Schltr. = **S. flexuosus**

baurii Schltr. = **S. flexuosus**

bolusii Schltr. = **S. zeyheri**

bulbinella in sense of Compton = **S. cecilii** subsp. **culveri**

bulbinella (Rchb.f.) Bolus
Brachycorythis bulbinella Rchb.f. (1)
Gymnadenia bulbinella (Rchb.f.) Kraenzl. (1)
Platanthera bulbinella (Rchb.f.) Schltr. (1)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 1500–2500 m. KZN, EC

bulbinella (Rchb.f.) Bolus × **S. flexuosus** Harv. ex Rolfe (1)
Perennial. Herb, geophyte. Ht? Alt? KZN, L

caffrus Schltr. = **S. zeyheri**

cecilii Rolfe subsp. **culveri** (Schltr.) H.P.Linder
S. bulbinella in sense of Compton (1)
S. culveri Schltr. (1)
S. galpinii Schltr. (1)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–2130 m. LIM, M, S

cecilii Rolfe subsp. **transvaalensis** (Rolfe) H.P.Linder
? *S. tenellus* Schltr. (1)
S. transvaalensis Rolfe (1)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–2200 m. LIM, M

clavatus Schltr. = **S. zeyheri**

crenulatus H.P.Linder
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt ?–1525 m. M

culveri Schltr. = **S. cecilii** subsp. **culveri**

flexuosus Harv. ex Rolfe
S. angustifolius Rolfe, corrected by Schltr. (1)
S. baurii Schltr. (1)
S. pulchellus Schltr. (1)
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 1500–2500 m. M, KZN, EC

galpinii Schltr. = **S. cecilii** subsp. **culveri**

gerrardii (Rchb.f.) Bolus
Brachycorythis gerrardii Rchb.f. (1)
Gymnadenia gerrardii (Rchb.f.) Kraenzl. (1)
Platanthera gerrardii (Rchb.f.) Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1215 m. KZN

grandiflorus Schltr. = **S. zeyheri**

grandiflorus Schltr. var. *crenulatus* Schltr. = **S. zeyheri**

huttonae Schltr. = **S. zeyheri**

lilacinus Schelpe ex H.P.Linder
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 605–1800 m. M

pulchellus Schltr. = **S. flexuosus**

rehmannii Rolfe = **S. zeyheri**

rudatisii Schltr. = **S. zeyheri**

sandersonii Harv. ex Rolfe = **S. zeyheri**

strictus Rolfe = **S. zeyheri**

tenellus Schltr. = **S. cecilii** subsp. **transvaalensis ?**

transvaalensis Rolfe = **S. cecilii** subsp. **transvaalensis**

trilobus Rolfe = **S. zeyheri**

woodii Schltr. = **S. zeyheri**

zeyheri Sond.
Brachycorythis zeyheri (Sond.) Rchb.f. (1)
Gymnadenia zeyheri (Sond.) Kraenzl. (1)
Platanthera zeyheri (Sond.) Schltr. (1)
S. bolusii Schltr. (1)
S. caffrus Schltr. (1)
S. clavatus Schltr. (1)
S. grandiflorus Schltr. (1)
S. grandiflorus Schltr. var. *crenulatus* Schltr. (1)
S. huttonae Schltr. (1)
S. rehmannii Rolfe (1)
S. rudatisii Schltr. (1)
S. sandersonii Harv. ex Rolfe (1)
S. strictus Rolfe (1)
S. trilobus Rolfe (1)
S. woodii Schltr. (1)
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 100–2150 m. LIM, G, M, S, FS, KZN, L, EC

SCHIZODIUM Lindl. 1432000

(1) Linder. 1981. *Journal of South African Botany* 47: 339–371.
(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 157–160.
(3) Garay. 1997. *Harvard Papers in Botany* 11: 47–54.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 182–187.

antenniferum Schltr. = **S. longipetalum**

arcuatum Lindl. = **S. satyrioides**

bifidum in sense of Schltr. in part = **S. longipetalum**

bifidum (Thunb.) Rchb.f.
Disa bifida (Thunb.) Sw. (1)
Satyrium bifidum Thunb. (1)
S. rigidum Lindl. (1)

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 45–1600 m. WC, EC

bifidum (Thunb.) Rchb.f. var. *clavigerum* (Lindl.) Schltr. = **S. obliquum** subsp. **clavigerum**

biflorum (L.) T.Durand & Schinz = **S. satyrioides**

clavigerum Lindl. = **S. obliquum** subsp. **clavigerum**

cornutum (L.) Schltr., name incorrectly in use since 1924 = **S. satyrioides**

flexuosum (L.) Lindl.
Disa flexuosa (L.) Sw. (1)
Orchis flexuosa L. (1)
Satyrium flexuosum (L.) Thunb. (1)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 90–1200 m. NC, WC

gueinzii Rchb.f. = **S. obliquum** subsp. **clavigerum**

inflexum Lindl.
Perennial. Herb, geophyte. Ht 0.08–0.35 m. Alt 300–2135 m. WC, EC

longipetalum Lindl.
Disa longipetala (Lindl.) Bolus (1)
S. antenniferum Schltr. (1)
S. bifidum in sense of Schltr. in part (1)
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt ± 100–500 m. WC

maculatum (L.f.) Lindl. = **Disa maculata**

modestum L.Bolus = **S. obliquum** subsp. **clavigerum**

obliquum Lindl. subsp. **clavigerum** (Lindl.) H.P.Linder
Disa clavigera (Lindl.) Bolus (1)
Disa gueinzii (Rchb.f.) Bolus (1)
S. bifidum (Thunb.) Rchb.f. var. *clavigerum* (Lindl.) Schltr. (1)
S. clavigerum Lindl. (1)
S. gueinzii Rchb.f. (1)
S. modestum L.Bolus (1)
S. obtusatum Lindl. (1)
Perennial. Herb, geophyte. Ht 0.08–0.24 m. Alt 275–765 m. WC

obliquum Lindl. subsp. **obliquum**
Disa obliqua (Lindl.) Bolus (1)
Perennial. Herb, geophyte. Ht 0.055–0.29 m. Alt ?–300 m. WC

obtusatum Lindl. = **S. obliquum** subsp. **clavigerum**

rigidum Lindl. = **S. bifidum**

satyrioides (L.) Garay
Disa torta (Thunb.) Sw. (1)
Orchis biflora L., illegitimate name (3)
Orchis satyrioides L. (3)
Satyrium tortum Thunb. (1)
S. arcuatum Lindl. (1)
S. biflorum (L.) T.Durand & Schinz (3)
S. cornutum (L.) Schltr., name incorrectly in use since 1924 (3)
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt 90–820 m. NC, WC

SCOPULARIA Lindl. 1413000

burchellii Lindl. = **Holothrix burchellii**

grandiflora Sond. = **Holothrix grandiflora**

secunda in sense of Lindl., not *Orchis secunda* Thunb. = **Holothrix scopularia**

SERAPIA L. 1397010

capensis L. = **Acrolophia barbata**

SERAPIAS L. 1397000

aculeata (L.f.) Thunb. = **Eulophia aculeata** subsp. **aculeata**

melaleuca Thunb. = **Disa bivalvata**

patens (L.f.) Thunb. = **Disa tenuifolia**

pedicellata (L.f.) Thunb. = **Eulophia aculeata** subsp. **aculeata**

tabularis (L.f.) Thunb. = **Eulophia tabularis**

SOLENANGIS Schltr. 1828100

(1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 445, 446.

aphylla (Thouars) Summerh., unconfirmed record
Angraecum aphyllum Thouars (1)
Perennial. Herb, epiphyte. Ht up to 0.4 m. Alt? KZN

STENOGLOTTIS Lindl. 1407000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 80–82.
(2) Stewart. 1989. *Kew Magazine* 6: 9–22.
(3) McDonald 1995. *South African Orchid Journal* 26: 117.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 146–149.

fimbriata Lindl.
S. fimbriata Lindl. var. *saxicola* Schltr. ex Kraenzl. (4)
Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.45 m. Alt 185–1890 m. LIM, M, S, KZN, EC

fimbriata Lindl. var. *saxicola* Schltr. ex Kraenzl. = **S. fimbriata**

longifolia Hook.f.
Perennial. Herb, geophyte, lithophyte. Ht 0.3–0.6 m. Alt 300–700 m. KZN, EC

macloughlinii (L.Bolus) G.J.McDonald = **S. woodii**

woodii Schltr.
Cynorchis macloughlinii L.Bolus (4); a typographical error which was later corrected to *Cynorkis macloughlinii* L.Bolus
Stenoglottis macloughlinii (L.Bolus) G.J.McDonald (3)
Perennial. Herb, geophyte, lithophyte. Ht 0.09–0.2 m. Alt 90–795 m. KZN, EC

zambesiaca Rolfe
Perennial. Herb, geophyte, epiphyte, lithophyte. Ht 0.1–0.35 m. Alt 1300–2150 m. LIM

STURMIA Rchb.f. 1556010

capensis (Lindl.) Sond. = **Liparis capensis**

TRIDACTYLE Schltr. 1828010

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 272–275.
(2) Linder. 1989. *Kew Bulletin* 44: 317–319.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 446–450.

bicaudata (Lindl.) Schltr. subsp. **bicaudata**
Angraecum bicaudatum Lindl. (1)
Perennial. Herb, epiphyte, succulent. Ht up to 0.5 m. Alt 90–1355 m. LIM, S, KZN, WC, EC

bicaudata (Lindl.) Schltr. subsp. **rupestris** H.P.Linder
Perennial. Herb, lithophyte, succulent. Ht? Alt 305–460 m. KZN, EC

gentilii (De Wild.) Schltr.
Angraecum gentilii De Wild. (2)
Perennial. Herb, epiphyte. Ht up to 0.5 m. Alt ?–50 m. KZN

tricuspis (Bolus) Schltr.
Angraecum tricuspe Bolus (1)
Perennial. Herb, epiphyte. Ht up to 0.25 m. Alt ?–1675 m. LIM, M, S, KZN, EC

tridentata (Harv.) Schltr.
Angraecun bolusii Rolfe (1)
Angraecum tridentatum Harv. (1)
Perennial. Herb, epiphyte, lithophyte. Ht up to 0.35 m. Alt ?–305 m. KZN, EC

TRYPHIA Lindl. 1408030

major Sond. = **Holothrix secunda**

orthoceras Harv. = **Holothrix orthoceras**

parviflora Lindl. = **Holothrix parviflora**

secunda Lindl., not *Orchis secunda* Thunb. (1823) = **Holothrix parviflora**

VANILLA Mill. 1480000

(1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 350, 351.

roscheri Rchb.f.
Perennial. Herb, climber, succulent. Ht? Alt? KZN

YPSILOPUS Summerh. 1830030

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 265.
(2) Cribb & Stewart. 1985. *Kew Bulletin* 40: 417.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 450, 451.

erectus (P.J.Cribb) P.J.Cribb & J.L.Stewart
Y. longifolius (Kraenzl.) Summerh. subsp. *erectus* P.J.Cribb (2)
Perennial. Herb, epiphyte. Ht up to 0.17 m. Alt? KZN, EC

longifolius (Kraenzl.) Summerh. subsp. *erectus* P.J.Cribb = **Y. erectus**

ZEUXINE Lindl. 1502000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 212.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 77, 78.

africana Rchb.f.
Z. cochlearis Schltr. (1)
Perennial. Herb, geophyte. Ht up to 0.2 m. Alt up to 5 m. B, KZN

cochlearis Schltr. = **Z. africana**

POACEAE

Compiled by L. Fish

*ACHNATHERUM P.Beauv. 9902634

(1) Barkworth. 1993. *Phytologia* 74: 6.

clandestinum (Hack.) Barkworth
Stipa clandestina Hack. (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 1000–1600 m. G?, NC, WC, EC

ACRACHNE Wight & Arn. ex Chiov. 9903311

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 258–260.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 31.
(3) Cope. 1999. *FZ* 10,2: 159, 160.

racemosa (Roem. & Schult.) Ohwi
A. verticillata (Roxb.) Chiov. (1)
Annual. Graminoid. Ht up to 0.8 m. Alt 100–1200 m. N, B, LIM, M, S

verticillata (Roxb.) Chiov. = **A. racemosa**

ACROCERAS Stapf 9901121

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 564–568.
(2) Clayton. 1989. *FZ* 10,3: 48–50.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 32.

macrum Stapf
Perennial. Graminoid. Ht up to 1.1 m. Alt 10–2000 m. N, B, LIM, G, M, KZN, WC, EC

pilgerianum Schweick. = **Panicum pilgerianum**

AGROPYRON Gaertn. 9904340

Note: see *Elymus*, an alternative genus that can be used.

distichum (Thunb.) P.Beauv. = **Thinopyrum distichum**

repens (L.) P.Beauv. = **Elytrigia repens**

AGROSTIS L. 9902430

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 96–102.
(2) Launert. 1971. *FZ* 10,1: 87.
(3) Smook & Stirton. 1979. *Bothalia* 12: 637.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 32–35.
(5) Rúgolo de Agrasar & Molina. 1992. *Parodiana* 7: 222–227.

*avenacea C.C.Gmel.
Annual. Graminoid. Ht up to 0.6 m. Alt 25–2300 m. M, FS, KZN, WC, EC

barbuligera Stapf var. **barbuligera**
Perennial. Graminoid. Ht up to 0.8 m. Alt 500–2500 m. M, FS, KZN, L, EC

barbuligera Stapf var. **longipilosa** Gooss. & Papendorf
Perennial. Graminoid. Ht up to 0.8 m. Alt 1400–1800 m. M, S, KZN

bergiana Trin. var. **bergiana**
Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 5–3000 m. FS, KZN, L, WC, EC

bergiana Trin. var. **laeviuscula** Stapf
Perennial. Graminoid. Ht 0.25–0.6 m. Alt 1200–2700 m. M, FS, KZN, L, WC

continuata Stapf
A. natalensis Stapf (2)
Perennial. Graminoid. Ht 0.6–0.9 m. Alt 1000–2400 m. LIM, NW, M, S, KZN

eriantha Hack. var. **eriantha**
Perennial. Graminoid. Ht up to 0.7 m. Alt 600–2400 m. G, M, S, FS, KZN, L, EC

eriantha Hack. var. **planifolia** Gooss. & Papendorf
Perennial. Graminoid. Ht up to 0.75 m. Alt 1300–1500 m. G

gigantea Roth
Perennial. Graminoid. Ht 0.4–0.75 m. Alt 200–2000 m. M, KZN, L, WC, EC

griquensis Stapf
Annual. Graminoid. Ht 0.03–0.2 m. Alt 1200–1800 m. N, FS, NC

huttoniae (Hack.) C.E.Hubb. = **A. lachnantha** var. **lachnantha**

lachnantha Nees var. *glabra* Gooss. & Papendorf = **A. lachnantha** var. **lachnantha**

lachnantha Nees var. **lachnantha**
A. huttoniae (Hack.) C.E.Hubb. (2)
A. lachnantha Nees var. *glabra* Gooss. & Papendorf (4)
Annual or short-lived perennial. Graminoid. Ht 0.3–0.9 m. Alt 15–2900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

*montevidensis Spreng. ex Nees
Annual, occ. perennial. Graminoid. Ht 0.2–0.6 m. Alt 600–1900 m. M, S, KZN, WC

natalensis Stapf = **A. continuata**

polypogonoides Stapf
Perennial. Graminoid. Ht up to 0.75 m. Alt 600–1200 m. NC, WC

schlechteri Rendle
Annual. Graminoid. Ht up to 0.65 m. Alt 200–900 m. WC

semiverticillata (Forssk.) C.Chr. = **Polypogon viridis**

subulifolia Stapf
Perennial or annual. Graminoid, helophyte? Ht up to 0.3 m. Alt 2500–3300 m. KZN, L, EC

*AIRA L. 9901850
(1) Clayton. 1972. *FWTA* 3,2: 371, 372.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 35, 36.
(3) Linder. 1991. *Bothalia* 21: 55.
(4) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 181, 182.

caryophyllea L., misapplied name = **A. cupaniana**

cupaniana Guss.
A. caryophyllea L., misapplied name (2)
Annual. Graminoid. Ht 0.03–0.4 m. Alt 20–2800 m. FS, KZN, L, NC, WC, EC

praecox L.
Annual. Graminoid. Ht up to 0.18 m. Alt 200–1000 m. WC

ALLOTEROPSIS J.Presl 9900940
(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 615–619.
(2) Gibbs Russell. 1983. *Bothalia* 14: 205–213.
(3) Clayton. 1989. *FZ* 10,3: 58–63.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 36, 37.

cimicina (L.) Stapf
Annual. Graminoid. Ht up to 1.2 m. Alt 30–1000 m. N, B

papillosa Clayton
Perennial. Graminoid. Ht 0.4–0.7 m. Alt 50–100 m. M, KZN

semialata Chippind., not of Gibbs Russ., concept invalid = **A. semialata** subsp. **semialata**

semialata (R.Br.) Hitchc. subsp. **eckloniana** (Nees) Gibbs Russ.
A. semialata (R.Br.) Hitchc. var. *ecklonii* (Stapf) Stapf (2)
Perennial. Graminoid. Ht up to 1.14 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

semialata (R.Br.) Hitchc. subsp. **semialata**
A. semialata Chippind., not of Gibbs Russ., concept invalid (2)
Perennial. Graminoid. Ht up to 1.8 m. Alt 20–1800 m. LIM, NW, G, M, S, FS, KZN

semialata (R.Br.) Hitchc. var. *ecklonii* (Stapf) Stapf = **A. semialata** subsp. **eckloniana**

*AMMOPHILA Host 9902560
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 93, 94.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 38.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 194.

arenaria (L.) Link
Perennial. Graminoid. Ht up to 1.3 m. Alt 4–50 m. WC, EC

ANDROPOGON L. 9900710
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 495–502.
(2) Anderson. 1960. *Bothalia* 7: 417, 418.
(3) Clayton. 1964. *Kew Bulletin* 17: 470.
(4) Anderson. 1966. *Bothalia* 9: 5–30.
(5) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 767–783.
(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 38–42.

abyssinicus in sense of Chippind., not of Fresen., misapplied name = **A. amethystinus**

amethystinus Steud.
A. abyssinicus in sense of Chippind., not of Fresen., misapplied name (6)
A. pilosellus Stapf (5)
Perennial. Graminoid. Ht up to 0.8 m. Alt 1500–2800 m. FS, KZN, L, EC

amplectens Nees = **Diheteropogon amplectens**

appendiculatus Nees
Perennial. Graminoid. Ht up to 1.4 m. Alt 5–3000 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

brazzae Franch.
Perennial. Graminoid. Ht up to 2 m. Alt 600–1200 m. N, B

chinensis (Nees) Merr.
A. schinzii Hack. (5)
Perennial. Graminoid. Ht up to 2 m. Alt 400–2000 m. N, B, LIM, NW, G, M, S, NC

distachyos L.
Perennial. Graminoid. Ht up to 1 m. Alt 1500–2200 m. M, FS, KZN

dulce Burm.f. = **Eleocharis dulcis**

eucomus Nees
Perennial. Graminoid. Ht up to 1 m. Alt 3–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fastigiatus Sw.
Diectomis fastigiata (Sw.) Kunth (5)
Annual. Graminoid. Ht up to 2 m. Alt 600–1500 m. B, LIM

festuciformis Rendle
Hypogynium schlechteri (Hack.) Pilg. (3)
Perennial. Graminoid. Ht up to 1 m. Alt 5–1000 m. KZN

filifolius (Nees) Steud. = **Diheteropogon filifolius**

gayanus Kunth var. **polycladus** (Hack.) Clayton
A. gayanus Kunth var. *squamulatus* (Hochst.) Stapf (5)
Perennial. Graminoid. Ht up to 3.6 m. Alt 5–1500 m. N, B, LIM, M, S, KZN

gayanus Kunth var. *squamulatus* (Hochst.) Stapf = **A. gayanus** var. **polycladus**

huillensis Rendle
Perennial. Graminoid. Ht up to 1.8 m. Alt 30–2100 m. N, B, LIM, NW, G, M, S, KZN

lacunosus J.G.Anderson
Perennial. Graminoid. Ht up to 0.9 m. Alt 1000–2200 m. M, S

laxatus Stapf
Perennial. Graminoid. Ht up to 0.9 m. Alt 100–1400 m. M, KZN

mannii Hook.f.
A. platybasis J.G.Anderson (5)
Perennial. Graminoid. Ht up to 0.6 m. Alt 1600–2200 m. LIM, M, S

pilosellus Stapf = **A. amethystinus**

platybasis J.G.Anderson = **A. mannii**

ravus J.G.Anderson
Perennial. Graminoid. Ht up to 0.9 m. Alt 1000–2450 m. M, S, FS, KZN, L, EC

schinzii Hack. = **A. chinensis**

schirensis A.Rich.
A. schirensis A.Rich. var. *angustifolius* Stapf (5)
Perennial. Graminoid. Ht up to 2.5 m. Alt 9–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC

schirensis A.Rich. var. *angustifolius* Stapf = **A. schirensis**

ANTHEPHORA Schreb. 9901380

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 436–439.
(2) Clayton. 1989. *FZ* 10,3: 190–192.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 42, 43.

aequiglumis Gooss. = **Tarigidia aequiglumis**

angustifolia Gooss. = **A. argentea**

argentea Gooss.
A. angustifolia Gooss. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 900–1400 m. N, B, NW, NC

pubescens Nees
A. ramosa Gooss. (2)
Perennial. Graminoid. Ht up to 5 m. Alt 30–1950 m. N, B, LIM, NW, G, M, FS, NC

ramosa Gooss. = **A. pubescens**

schinzii Hack.
Annual. Graminoid. Ht up to 0.35 m. Alt 800–1900 m. N, B, NC

ANTHOXANTHUM L. 9901640

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 90–92.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 43–45.

brevifolium Stapf
Perennial. Graminoid. Ht 0.15–0.22 m. Alt 2600–3000 m. EC

dregeanum (Nees) Stapf
Perennial. Graminoid. Ht up to 0.6 m. Alt 30–2200 m. WC

ecklonii (Nees ex Trin.) Stapf
Perennial. Graminoid. Ht up to 0.8 m. Alt 1200–3200 m. M, FS, KZN, L, WC, EC

***odoratum** L.
Perennial. Graminoid. Ht up to 1 m. Alt 900–1700 m. KZN, EC

tongo (Trin.) Stapf
Perennial. Graminoid. Ht up to 0.4 m. Alt 60–1600 m. WC

APOCHAETE (C.E.Hubb.) J.B.Phipps 9901741

hispida (L.f.) J.B.Phipps = **Tristachya leucothrix**

ARISTIDA L. 9902620

(1) De Winter. 1965. *Bothalia* 8: 201–404.
(2) Giess. 1971. *Bothalia* 10: 365, 366.
(3) Melderis. 1971. *FZ* 10,1: 97–131.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 45–55.

adscensionis L.
A. adscensionis L. subsp. *guineensis* (Trin. & Rupr.) Henrard (3)
A. curvata (Nees) T.Durand & Schinz (3)
A. submucronata Schumach. (3)
Annual. Graminoid. Ht up to 1 m. Alt 100–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

adscensionis L. subsp. *guineensis* (Trin. & Rupr.) Henrard = **A. adscensionis**

aequiglumis Hack.
Perennial. Graminoid. Ht up to 0.8 m. Alt 1200–1800 m. LIM, NW, G, M

alopecuroides Hack. = **A. congesta** subsp. **congesta**

amabilis Schweick. = **Stipagrostis amabilis**

andoniensis Henrard = **A. rhiniochloa**

angolensis C.E.Hubb. = **Sartidia angolensis**

argentea Schweick. = **A. mollissima** subsp. **argentea**

barbicollis Trin. & Rupr. = **A. congesta** subsp. **barbicollis**

bipartita (Nees) Trin. & Rupr.
Perennial, occ. biennial. Graminoid. Ht 0.15–0.65 m. Alt 40–2500 m. B?, LIM, NW, G, M, S, FS, KZN, L, EC

brevifolia (Nees) Steud. = **Stipagrostis brevifolia**

canescens Henrard subsp. **canescens**
Perennial. Graminoid. Ht up to 1.5 m. Alt 500–2100 m. B, LIM, NW, G, M, FS, KZN, NC, EC

canescens Henrard subsp. **ramosa** De Winter
Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1700 m. EC

capensis Thunb., not *Stipagrostis capensis* = **Stipagrostis zeyheri** subsp. **macropus**

capensis Thunb. var. *barbata* Stapf = **Stipagrostis zeyheri** subsp. **barbata**

capensis Thunb. var. *canescens* Trin. & Rupr. = **Stipagrostis zeyheri** subsp. **zeyheri**

capensis Thunb. var. *dieterleniana* Schweick. = **Stipagrostis zeyheri** subsp. **sericans**

capensis Thunb. var. *genuina* Henrard = **Stipagrostis zeyheri** subsp. **macropus**

capensis Thunb. var. *macropus* (Nees) Trin. & Rupr. = **Stipagrostis zeyheri** subsp. **macropus**

ciliata Desf. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *capensis* Trin. & Rupr. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *pectinata* Henrard = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *tricholaena* Hack. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *villosa* Hack. = **Stipagrostis ciliata** var. **capensis**

congesta Roem. & Schult. subsp. **barbicollis** (Trin. & Rupr.) De Winter
A. barbicollis Trin. & Rupr. (1)
Perennial, occ. annual. Graminoid. Ht up to 0.75 m. Alt 55–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

congesta Roem. & Schult. subsp. **congesta**
A. alopecuroides Hack. (1)
A. longicauda Hack. & Henriq. (1)
Perennial or annual. Graminoid. Ht up to 0.9 m. Alt 50–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

curvata (Nees) T.Durand & Schinz = **A. adscensionis**

damarensis Mez = **Stipagrostis damarensis**

dasydesmis (Pilg.) Mez
Perennial. Graminoid. Ht up to 0.8 m. Alt 700–1000 m. NC, WC

dewinteri Giess
Annual. Graminoid. Ht up to 1 m. Alt 300–900 m. N

diffusa Trin. subsp. **burkei** (Stapf) Melderis
A. diffusa Trin. var. *burkei* (Stapf) Schweick. (3)
Perennial. Graminoid. Ht up to 1 m. Alt 90–2800 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

diffusa Trin. subsp. **diffusa**
A. diffusa Trin. var. *genuina* Henrard (1)
A. diffusa Trin. var. *pseudo-hystrix* (Trin. & Rupr.) Henrard (1)
Perennial. Graminoid. Ht up to 0.75 m. Alt 75–1200 m. FS?, WC, EC

diffusa Trin. var. *burkei* (Stapf) Schweick. = **A. diffusa** subsp. **burkei**

diffusa Trin. var. *genuina* Henrard = **A. diffusa** subsp. **diffusa**

diffusa Trin. var. *pseudo-hystrix* (Trin. & Rupr.) Henrard = **A. diffusa** subsp. **diffusa**

dinteri Hack. = **Stipagrostis dinteri**

dregeana (Nees) Trin. & Rupr. = **Stipagrostis dregeana**

effusa Henrard
Annual. Graminoid. Ht 0.6–0.9 m. Alt 500–1700 m. N, B, LIM, NW, G

engleri Mez var. **engleri**
Perennial. Graminoid. Ht 0.35–0.7 m. Alt 600–1800 m. N, NC

engleri Mez var. **ramosissima** De Winter
Perennial. Graminoid. Ht 0.6–0.9 m. Alt 600–1400 m. N, NW, NC

fastigiata Hack. = **Stipagrostis fastigiata**

fontismagni Schweick. = **A. stipoides**

galpinii Stapf = **A. junciformis** subsp. **galpinii**

garubensis Pilg. = **Stipagrostis garubensis**

geminifolia (Nees) Trin. & Rupr. = **Stipagrostis geminifolia**

gonatostachys Pilg. = **Stipagrostis gonatostachys**

graciliflora Pilg. = **A. stipitata** subsp. **graciliflora**

gracilior Pilg. var. *gracilior* = **Stipagrostis hirtigluma** subsp. **patula**

gracilior Pilg. var. *intermedia* Schweick. = **Stipagrostis uniplumis** var. **intermedia**

gracilior Pilg. var. *pearsonii* Henrard = **Stipagrostis hirtigluma** subsp. **pearsonii**

hermannii Mez = **Stipagrostis hermannii**

hirtigluma Trin. & Rupr. = **Stipagrostis hirtigluma** subsp. **hirtigluma**

hochstetteriana Beck ex Hack. = **Stipagrostis hochstetteriana** var. **hochstetteriana**

hordeacea Kunth
Annual. Graminoid. Ht up to 0.9 m. Alt 700–1400 m. N, B

hubbardiana Schweick.
Annual. Graminoid. Ht 0.35–0.5 m. Alt 300–1400 m. N, B

jucunda Schweick. = **Sartidia jucunda**

junciformis Trin. & Rupr. subsp. **galpinii** (Stapf) De Winter
A. galpinii Stapf (1)
Perennial. Graminoid. Ht up to 0.5 m. Alt 30–3000 m. FS, KZN, L, EC

junciformis Trin. & Rupr. subsp. **junciformis**
Perennial. Graminoid. Ht up to 0.9 m. Alt 9–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

lanipes Mez = **Stipagrostis lanipes**

longicauda Hack. & Henriq. = **A. congesta** subsp. **congesta**

lutescens (Nees) Trin. & Rupr. = **Stipagrostis lutescens** var. **lutescens**

marlothii Hack. = **Stipagrostis lutescens** var. **marlothii**

meridionalis Henrard
Perennial. Graminoid. Ht up to 2 m. Alt 300–1700 m. N, B, LIM, NW, G, M, FS, NC

mollissima Pilg. subsp. **argentea** (Schweick.) Melderis
A. argentea Schweick. (3)
Perennial. Graminoid. Ht up to 1 m. Alt 600–1300 m. LIM, M

mollissima Pilg. subsp. **mollissima**
Perennial. Graminoid. Ht 0.5–0.85 m. Alt 600–1500 m. N, B, LIM, NW, FS, NC

monticola Henrard
Perennial. Graminoid. Ht up to 0.9 m. Alt 1200–2400 m. FS, KZN

namaquensis (Nees) Trin. & Rupr. = **Stipagrostis namaquensis**

obtusa Delile = **Stipagrostis obtusa**

parvula (Nees) De Winter
Stipa parvula Nees (1)
Annual. Graminoid. Ht up to 0.8 m. Alt 100–700 m. N, NC

pilgeri Henrard
Perennial. Graminoid. Ht up to 1.5 m. Alt 700–1700 m. N, B, LIM, NW, M

proxima Steud. = **Stipagrostis proxima**

recta Franch.
Perennial. Graminoid. Ht 0.4–0.5 m. Alt 1000–1800 m. LIM, G, M, S

rhiniochloa Hochst.
A. andoniensis Henrard (1)
Annual. Graminoid. Ht up to 0.9 m. Alt 200–1500 m. N, B, LIM, NW, M

sabulicola Pilg. = **Stipagrostis sabulicola**

scabrivalvis Hack. subsp. **contracta** (De Winter) Melderis
Annual. Graminoid. Ht up to 0.85 m. Alt 100–1200 m. N, B, LIM, M, S, KZN

scabrivalvis Hack. subsp. **scabrivalvis**
Annual. Graminoid. Ht up to 0.85 m. Alt 200–1600 m. N, B, LIM, NW, G, M, KZN, NC

schaeferi Mez var. *biseriata* Henrard = **Stipagrostis schaeferi**

schaeferi Mez var. *schaeferi* = **Stipagrostis schaeferi**

sciurus Stapf
Perennial. Graminoid. Ht up to 1.4 m. Alt 700–1700 m. LIM, M, S, FS, KZN

secalina Henrard = **Stipagrostis hochstetteriana** var. **secalina**

sericans Hack. in writings of Schinz = **Stipagrostis zeyheri** subsp. **sericans**

spectabilis Hack.
Perennial. Graminoid. Ht up to 1.75 m. Alt 300–1500 m. B, LIM, NW, G

stipitata Hack. subsp. **graciliflora** (Pilg.) Melderis
A. graciliflora Pilg. (1)
A. stipitata Hack. var. *graciliflora* (Pilg.) De Winter (3)

Perennial. Graminoid. Ht up to 0.9 m. Alt 20–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

stipitata Hack. subsp. **robusta** (Stent & J.M.Rattray) Melderis
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–2000 m. N, B, NC

stipitata Hack. subsp. **spicata** (De Winter) Melderis
Perennial. Graminoid. Ht up to 0.6 m. Alt 900–1400 m. N, B, LIM, NW, FS, NC

stipitata Hack. subsp. **stipitata**
Perennial. Graminoid. Ht up to 1.5 m. Alt 300–1500 m. N, B, LIM, NW, G, M, FS, NC

stipitata Hack. var. *graciliflora* (Pilg.) De Winter = **A. stipitata** subsp. **graciliflora**

stipoides Lam.
A. fontismagni Schweick. (1)
Annual. Graminoid. Ht up to 1.5 m. Alt 75–1000 m. N, B

subacaulis Nees ex Steud. = **Stipagrostis subacaulis**

submucronata Schumach. = **A. adscensionis**

transvaalensis Henrard
Perennial. Graminoid. Ht up to 0.7 m. Alt 600–2000 m. LIM, NW, G, M, S, KZN

uniplumis Licht. var. *neesii* Trin. & Rupr. = **Stipagrostis uniplumis** var. **neesii**

uniplumis Licht. var. *pearsonii* Henrard = **Stipagrostis uniplumis** var. **uniplumis**

uniplumis Licht. var. *uniplumis* = **Stipagrostis uniplumis** var. **uniplumis**

vestita Thunb.
Perennial. Graminoid. Ht up to 0.85 m. Alt 50–1500 m. N, NW, M, FS, NC, WC, EC

wildii Melderis
Annual. Graminoid. Ht up to 0.55 m. Alt 600–1000 m. B

*ARRHENATHERUM P.Beauv. 9902000

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 81, 82.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 55.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 173, 174.

elatius (L.) J.Presl & C.Presl
Perennial. Graminoid. Ht 0.5–1.4 m. Alt 1400–1600 m. KZN

ARTHRAXON P.Beauv. 9900670

(1) Van Welzen. 1981. *Blumea* 27: 255–300.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 2): 741–744.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 56.
(4) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7, Poaceae (Gramineae): 309, 310.

lanceolatus (Roxb.) Hochst. var. **lanceolatus**
A. prionodes (Steud.) Dandy (1)
Perennial. Graminoid. Ht up to 0.6 m. Alt 700–1000 m. LIM, M

prionodes (Steud.) Dandy = **A. lanceolatus** var. **lanceolatus**

*ARUNDINARIA Michx. 9904550

tessellata (Nees) Munro = **Thamnocalamus tessellatus**

ARUNDINELLA Raddi 9901730

(1) Clayton *et al.* 1974. *FTEA* Gramincae (Part 2): 407–409.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 56, 57.

nepalensis Trin.
Perennial. Graminoid. Ht up to 1.8 m. Alt 50–2200 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

*ARUNDO L. 9902130

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 229, 230.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 57, 58.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 10.

donax L.
Perennial. Graminoid. Ht up to 6 m. Alt 20–1600 m. N?, B, LIM, NW, G, M, FS, KZN, NC, WC, EC

*ASTHENATHERUM Nevski 9902033

forskalii of author, not of (Vahl) Nevski, misapplied name = **Centropodia glauca**

glaucum (Nees) Nevski = **Centropodia glauca**

glaucum (Nees) Nevski var. *lasiophyllum* (Pilg.) Conert = **Centropodia glauca**

mossamedense (Rendle) Conert = **Centropodia mossamedensis**

*AVENA L. 9901950

(1) Rocha Afonso. 1980. *Flora europaea* 5: 206–208.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 58, 59.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 174–176.

barbata Pott ex Link
Annual. Graminoid. Ht up to 1.3 m. Alt 10–700 m. WC, EC

byzantina K.Koch
Annual. Graminoid. Ht up to 1.6 m. Alt 30–600 m. WC

fatua L.
Annual. Graminoid. Ht 0.25–0.7 m. Alt 100–1000 m. G, WC, EC

sativa L.
Annual. Graminoid. Ht up to 1.5 m. Alt 5–1800 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

sterilis L.
Annual. Graminoid. Ht up to 1.45 m. Alt 100–1200 m. WC

*AXONOPUS P.Beauv. 9901050

(1) Clayton. 1989. *FZ* 10,3: 91–94.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 59, 60.

affinis Chase
A. compressus in sense of Chippind., not of (Sw.) P.Beauv., misapplied name (2)
Perennial. Graminoid. Ht 0.15–0.6 m. Alt 100–1600 m. LIM, M, S, KZN, EC

compressus in sense of Chippind., not of (Sw.) P.Beauv., misapplied name = **A. affinis**

*BAMBUSA Schreb. 9904710

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 31.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 60, 61.
(4) Stapleton. 1994. *Edinburgh Journal of Botany* 51: 1–12.
(5) Ohrnberger. 1999. *The bamboos of the world*: 254.

balcooa Roxb. ex Roxb.
Perennial. Graminoid. Ht 15–21 m. Alt 100–1900 m. LIM, M, KZN, EC

BECKEROPSIS K.Schum. 9901391

uniseta (Nees) K.Schum. = **Pennisetum unisetum**

BEWSIA Gooss. 9903442

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 286.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 61.
(3) Cope. 1999. *FZ* 10,2: 36.

biflora (Hack.) Gooss.
Diplachne biflora Hack. ex Schinz (1)
Perennial. Graminoid. Ht up to 1 m. Alt 20–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L?

BOTHRIOCHLOA Kuntze 9900630

(1) Chippindall. 1956. In Meredith, *The grasses and pastures of South Africa*: 482–484.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 719–721.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 62, 63.

bladhii (Retz.) S.T.Blake
B. glabra (Roxb.) A.Camus (2)
B. insculpta (A.Rich.) A.Camus var. *vegetior* (Hack.) C.E.Hubb. (2)
Perennial. Graminoid. Ht up to 1.8 m. Alt 70–2100 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

glabra (Roxb.) A.Camus = **B. bladhii**

insculpta (A.Rich.) A.Camus
B. pertusa of author, not of (L.) A.Camus, misapplied name (2)
Perennial. Graminoid. Ht up to 2 m. Alt 10–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

insculpta (A.Rich.) A.Camus var. *vegetior* (Hack.) C.E.Hubb. = **B. bladhii**

pertusa of author, not of (L.) A.Camus, misapplied name = **B. insculpta**

radicans (Lehm.) A.Camus
Perennial. Graminoid. Ht up to 0.7 m. Alt 40–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

BRACHIARIA (Trin.) Griseb. 9901040

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 370–379.
(2) Scholz. 1978. *Willdenowia* 8: 384.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 575–600.
(4) Webster. 1987. *The Australian Paniceae (Poaceae)*: 1–322.
(5) Clayton. 1989. *FZ* 10,3: 62–78.
(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 63–68.
(7) Morrone & Zuloaga. 1992. *Darwiniana* 31: 43–109.

***advena** Vickery
Annual or perennial. Graminoid. Ht 0.2–0.8 m. Alt 1500–2200 m. NW, G, M, FS, L, EC

arrecta (T.Durand & Schinz) Stent
B. latifolia Stapf (3)
Perennial. Graminoid. Ht up to 1.3 m. Alt 1–1000 m. N, B, M, KZN, EC

bovonei (Chiov.) Robyns
Perennial. Graminoid. Ht up to 1 m. Alt 100–1800 m. LIM, M, S, KZN

brizantha (A.Rich.) Stapf
Perennial. Graminoid. Ht 0.3–2 m. Alt 50–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

chusqueoides (Hack.) Clayton
Panicum chusqueoides Hack. (3)
Panicum obumbratum Stapf (5)
Annual. Graminoid. Ht 0.3–0.75 m. Alt 5–1600 m. KZN, WC, EC

deflexa (Schumach.) C.E.Hubb. ex Robyns
Pseudobrachiaria deflexa (Schumach.) Launert (3)
Annual. Graminoid. Ht 0.15–0.7 m. Alt 100–1500 m. N, B, LIM, NW, G, M, S, KZN

dictyoneura (Fig. & De Not.) Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 200–2440 m. N, B, M, S, KZN

dura Stapf var. **dura**
Perennial. Graminoid. Ht up to 1.5 m. Alt 200–1100 m. N, B

dura Stapf var. **pilosa** J.G.Anderson
Perennial. Graminoid. Ht up to 1.3 m. Alt 1200–1300 m. NC

eruciformis (Sm.) Griseb.
Annual. Graminoid. Ht up to 1 m. Alt 30–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

filifolia Stapf = **B. subulifolia**

glomerata (Hack.) A.Camus
Annual. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. N, B, FS, NC

grossa Stapf
Annual. Graminoid. Ht up to 1.5 m. Alt 600–1500 m. N, B, LIM

humidicola (Rendle) Schweick.
Perennial. Graminoid. Ht up to 1 m. Alt 1–1400 m. N, B, LIM, M, S, KZN

latifolia Stapf = **B. arrecta**

malacodes (Mez & K.Schum.) Scholz
B. poaeoides Stapf (2)
Annual. Graminoid. Ht up to 0.85 m. Alt 600–1600 m. N

marlothii (Hack.) Stent
Annual, occ. perennial. Graminoid. Ht up to 0.9 m. Alt 900–1950 m. N, B, NW, FS, KZN, L, NC, EC

nigropedata (Ficalho & Hiern) Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

poaeoides Stapf = **B. malacodes**

psammophila (Welw. ex Rendle) Launert
Annual. Graminoid. Ht up to 0.45 m. Alt 10–400 m. N

schoenfelderi C.E.Hubb. & Schweick.
Annual or perennial. Graminoid. Ht 0.3–0.8 m. Alt 200–1200 m. N

serrata (Thunb.) Stapf
B. serrata (Thunb.) Stapf var. *gossypina* (A.Rich.) Stapf (3)
Perennial. Graminoid. Ht up to 1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

serrata (Thunb.) Stapf var. *gossypina* (A.Rich.) Stapf = **B. serrata**

subulifolia (Mez) Clayton
B. filifolia Stapf (3)
Perennial. Graminoid. Ht 0.2–1 m. Alt 1200–1800 m. LIM, G, M

xantholeuca (Schinz) Stapf
Annual. Graminoid. Ht up to 0.6 m. Alt 200–1800 m. N, B, LIM, G, M, S, KZN

BRACHYACHNE (Benth.) Stapf 9902970

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 68, 69.
(2) Cope 1999. *FZ* 10,2: 238–242.

patentiflora (Stent & J.M.Rattray) C.E.Hubb.
Perennial. Graminoid. Ht up to 0.5 m. Alt 600–1000 m. B

BRACHYCHLOA S.M.Phillips 9902864

(1) Phillips. 1982. *Kew Bulletin* 37: 159.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 69–40.
(3) Cope. 1999. *FZ* 10,2: 47–49.

fragilis S.M.Phillips
Annual. Graminoid. Ht 0.25–0.5 m. Alt 50–900 m. LIM, KZN

schiemanniana (Schweick.) S.M.Phillips
Heterocarpha schiemanniana Schweick. (1)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 50–200 m. KZN

BRACHYPODIUM P.Beauv. 9904320

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 68.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 70–73.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 70, 71.

bolusii Stapf
Perennial. Graminoid. Ht up to 0.7 m. Alt 200–3100 m. FS, KZN, L, NC, WC, EC

***distachyon** (L.) P.Beauv.
Annual. Graminoid. Ht up to 0.7 m. Alt 40–800 m. NC, WC

flexum Nees
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 100–2500 m. LIM, NW, M, S, FS, KZN, L, NC, WC, EC

*BRIZA L. 9904040

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 47–49.
(2) Launert. 1971. *FZ* 10,1: 45–47.
(3) Matthei. 1975. *Willdenowia,* Beiheft 8: 79–88.
(4) Clayton & Renvoize. 1986. *Kew Bulletin,* Additional Series 13: 99, 100.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 72, 73.

maxima L.
Annual. Graminoid. Ht up to 1 m. Alt 5–1800 m. LIM, G, FS, KZN, NC, WC, EC

minor L.
Annual. Graminoid. Ht up to 0.6 m. Alt 30–1600 m. NW, G, M, NC, WC, EC

subaristatum Lam.
B. triloba Nees (3)
Chascolytrum subaristatum (Lam.) Desv. (5)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 50–600 m. WC, EC

triloba Nees = **B. subaristatum**

BROMUS L. 9904280

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 62–68.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 66–70.
(3) Pinto-Escobar. 1976. *Caldasia* 11: 9–16.
(4) Tutin. 1980. *Flora europaea* 5: 182, 183.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 73–76.
(6) Veldkamp *et al.* 1991. *Blumea* 35: 483–491.
(7) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 202–210.

***alopecurus** Poir.
Annual. Graminoid. Ht 0.15–0.3 m. Alt 300–800 m. WC

***catharticus** Vahl
B. unioloides Humb., Bonpl. & Kunth (3)
B. willdenowii Kunth (3)
Annual or perennial. Graminoid. Ht up to 1 m. Alt 10–3000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***commutatus** Schrad.
Annual. Graminoid. Ht 0.15–0.9 m. Alt 200–1900 m. FS, KZN, L, NC, WC, EC

***diandrus** Roth
Annual. Graminoid. Ht up to 1.1 m. Alt 5–1500 m. N, LIM, NW, M, FS, KZN, NC, WC, EC

firmior (Nees) Stapf
B. firmior (Nees) Stapf var. *leiorhachis* Stapf (5)
Perennial. Graminoid. Ht 0.5–1.5 m. Alt 1800–2700 m. M, FS, KZN, L, EC

firmior (Nees) Stapf var. *leiorhachis* Stapf = **B. firmior**

***hordeaceus** L. subsp. **ferronii** (Mabille) P.M.Sm.
Annual. Graminoid. Ht up to 0.2 m. Alt 10–200 m. EC

***hordeaceus** L. subsp. **molliformis** (J.Lloyd) Maire & Weiller
B. molliformis Lloyd (4)
Annual. Graminoid. Ht up to 0.6 m. Alt 20–1800 m. M, NC, WC, EC

***inermis** Leyss.
Perennial. Graminoid. Ht up to 1 m. Alt 1400–1500 m. G, M, EC

japonicus in sense of Chippind., not of Thunb. var. *japonicus*, misapplied name = **B. pectinatus**

japonicus in sense of Chippind., not of Thunb. var. *velutinus* (Nocca) Asch. & Graebn., misapplied name = **B. pectinatus**

leptoclados Nees
Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2805 m. NW, G, M, FS, KZN, L, NC, WC, EC

***madritensis** L.
Annual. Graminoid. Ht 0.12–0.6 m. Alt 200–400 m. WC

molliformis Lloyd = **B. hordeaceus** subsp. **molliformis**

natalensis Stapf
B. natalensis Stapf var. *lasiophilus* Stapf (5)
B. speciosus in sense of Compton, not of Nees, misapplied name (5)
Perennial. Graminoid. Ht up to 1.2 m. Alt 1200–2000 m. LIM, M, S, KZN

natalensis Stapf var. *lasiophilus* Stapf = **B. natalensis**

pectinatus Thunb.
B. japonicus in sense of Chippind., not of Thunb. var. *japonicus*, misapplied name (5)
B. japonicus in sense of Chippind., not of Thunb. var. *velutinus* (Nocca) Asch. & Graebn., misapplied name (5)
Annual. Graminoid. Ht up to 0.8 m. Alt 15–2000 m. NW, G, M, FS, NC, WC, EC

***rigidus** Roth
Annual. Graminoid. Ht 0.4–0.7 m. Alt 30–900 m. WC, EC

***rubens** L.
Annual. Graminoid. Ht 0.15–0.45 m. Alt 10–100 m. N

speciosus in sense of Compton, not of Nees, misapplied name = **B. natalensis**

speciosus Nees
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 700–3000 m. M, FS, KZN, L, EC

***tectorum** L.
Annual. Graminoid. Ht up to 0.25 m. Alt 900–1200 m. G, NC

unioloides Humb., Bonpl. & Kunth = **B. catharticus**
willdenowii Kunth = **B. catharticus**

CALAMAGROSTIS Adans. 9902460

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 94, 95.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 102–104.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 76, 77.

epigeios (L.) Roth var. **capensis** Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 1300–1900 m. NW, G, WC, EC

CATABROSIA P.Beauv. 9903800

aquatica in sense of Gibbs Russ. *et al.*, not of (L.) P.Beauv., misapplied name = **Colpodium drakensbergense**

CATALEPIS Stapf & Stent 9902942

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 207, 208.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 77, 78.

gracilis Stapf & Stent
Perennial. Graminoid. Ht 0.1–0.4 m. Alt 1600–3000 m. G, M, FS, KZN, L, EC

*CATAPODIUM Link 9904200

(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 107.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 78, 79.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 167.

rigidum (L.) C.E.Hubb.
Desmazeria rigida (L.) Tutin (2)
Scleropoa rigida (L.) Griseb. (2)
Annual. Graminoid. Ht up to 0.45 m. Alt 10–600 m. WC, EC

CENCHRUS L. 9901400

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 449–453.
(2) DeLisle. 1963. *Iowa State Journal of Science* 37: 259–351.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 79, 80.

***biflorus** Roxb.
Annual. Graminoid. Ht up to 0.9 m. Alt 300–1300 m. N, B, LIM

***brownii** Roem. & Schult.
Annual. Graminoid. Ht up to 0.9 m. Alt 9–200 m. KZN

ciliaris L.
Perennial. Graminoid. Ht up to 1.5 m. Alt 50–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

***incertus** M.A.Curtis
C. pauciflorus Benth. (2)
Annual. Graminoid. Ht 0.05–0.4 m. Alt 30–1400 m. LIM, FS, KZN, NC, WC, EC

pauciflorus Benth. = **C. incertus**

CENTROPODIA Rchb. 9902035

(1) Conert. 1962. *Senckebergiana biologica* 43: 239–266.
(2) Launert. 1970. *FSWA* 160: 35, 36.
(3) Cope. 1982. *Kew Bulletin* 37: 657–659.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 80, 81.

glauca (Nees) Cope
Asthenatherum forskalii of author, not of (Vahl) Nevski, misapplied name (4)
Asthenatherum glaucum (Nees) Nevski (3)
Asthenatherum glaucum (Nees) Nevski var. *lasiophyllum* (Pilg.) Conert (2)
Danthonia forskalii in sense of Chippind., not of (Vahl) R.Br., mispplied name (1)
Danthonia glauca Nees (1)
Perennial or annual. Graminoid. Ht up to 0.75 m. Alt 100–1400 m. N, B, NW, NC

mossamedensis (Rendle) Cope
Asthenatherum mossamedense (Rendle) Conert (3)
Danthonia mossamedensis Rendle (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2000 m. N

CHAETOBROMUS Nees 9902060

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 81, 82.
(2) Verboom & Linder. 1998. *Nordic Journal of Botany* 18: 57–77.

dregeanus Barker in part = **C. involucratus** subsp. **involucratus**
dregeanus Nees = **C. involucratus** subsp. **dregeanus**
interceptus Nees = **C. involucratus** subsp. **dregeanus**
involucratus in sense of Stapf, misapplied name = **C. involucratus** subsp. **sericeus**

involucratus (Schrad.) Nees subsp. **dregeanus** (Nees) Verboom
C. dregeanus Nees (2)
C. interceptus Nees (2)
C. schlechteri Pilg. (2)
Danthonia dregeana Steud. (2)
Danthonia intercepta (Nees) Steud. (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 10–1500 m. NC, WC

involucratus (Schrad.) Nees subsp. **involucratus**
C. dregeanus Barker in part (2)
C. schraderi Stapf (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 5–150 m. NC, WC

involucratus (Schrad.) Nees subsp. **sericeus** (Nees) Verboom
C. involucratus in sense of Stapf, misapplied name (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 10–700 m. N, M, NC

schlechteri Pilg. = **C. involucratus** subsp. **dregeanus**
schraderi Stapf = **C. involucratus** subsp. **involucratus**

CHASCOLYTRUM Desv. 9904041

subaristatum (Lam.) Desv. = **Briza subaristatum**

CHLORIS Sw. 9903010

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 337–347.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 82–85.
(3) Cope. 1999. *FZ* 10,2: 209–214.

diluta Renvoize
Perennial. Graminoid. Ht up to 1 m. Alt 900–1700 m. LIM, M

flabellata (Hack.) Launert
Perennial. Graminoid. Ht up to 0.45 m. Alt 5–400 m. N

gayana Kunth
Perennial. Graminoid. Ht up to 1.2 m. Alt 2–2100 m. N, B, LIM, G, M, S, FS, KZN, L, WC, EC

mossambicensis K.Schum.
Tetrapogon mossambicensis (K.Schum.) Chippind. ex B.S.Fisher (1)
Perennial. Graminoid. Ht up to 0.81 m. Alt 25–1700 m. LIM, M, S, KZN

myriostachya Hochst. = **C. roxburghiana**
prieurii Kunth = **Enteropogon prieurii**

pycnothrix Trin.
Annual or perennial. Graminoid. Ht up to 0.5 m. Alt 45–1600 m. N, B?, LIM, NW, G, M, S, FS, KZN, L, WC, EC

roxburghiana Schult.
C. myriostachya Hochst. (1)
Perennial. Graminoid. Ht up to 1.25 m. Alt 120–800 m. B, LIM, M, KZN

*__truncata__ R.Br.
Perennial. Graminoid. Ht up to 0.45 m. Alt 300–1100 m. NC, WC

virgata Sw.
Annual or perennial. Graminoid. Ht up to 0.75 m. Alt 3–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

CHRYSOPOGON Trin. 9900500

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 736, 737.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 85.

montanus Trin. var. *tremulus* (Hack.) Stapf = **C. serrulatus**

serrulatus Trin.
C. montanus Trin. var. *tremulus* (Hack.) Stapf (1)
Perennial. Graminoid. Ht up to 1 m. Alt 600–1400 m. B, LIM, NW, G, KZN, NC

CLADORAPHIS Franch. 9902865

(1) Phillips. 1982. *Kew Bulletin* 37: 159.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 85, 86.

cyperoides (Thunb.) S.M.Phillips
Eragrostis cyperoides (Thunb.) P.Beauv. (1)
Perennial. Graminoid. Ht 0.2–0.8 m. Alt 4–500 m. N, NC, WC

spinosa (L.f.) S.M.Phillips
Eragrostis spinosa (L.f.) Trin. (1)
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 45–1400 m. N, NC, WC

CLEISTACHNE Benth. 9900480

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 468.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 734–736.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 86, 87.

sorghoides Benth.
Annual. Graminoid. Ht 2–2.5 m. Alt 600–1920 m. M

COELACHYRUM Hochst. & Nees 9903360

(1) Phillips. 1982. *Kew Bulletin* 37: 154, 155.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 87, 88.

yemenicum (Schweinf.) S.M.Phillips
Cyphlolepis yemenica (Schweinf.) Chiov. (1)
Perennial. Graminoid. Ht 0.31–0.63 m. Alt 600–1400 m. N, B, LIM, NW, NC

COELORACHIS Brongn. 9900290

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 523.
(2) Veldkamp. 1986. *Blumea* 31: 288–293.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 88.

capensis Stapf
Perennial. Graminoid. Ht up to 0.7 m. Alt 20–1500 m. KZN, EC

*COIX L. 9900020

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 524.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 857–859.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 89.

lacryma-jobi L.
Annual. Graminoid. Ht up to 1.3 m. Alt 40–1000 m. M, KZN, EC

COLPODIUM Trin. 9904100

(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 103, 104.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 89, 90.
(3) Hedberg & Hedberg. 1994. *Nordic Journal of Botany* 14: 601–607.

drakensbergense Hedberg & I.Hedberg
Catabrosia aquatica in sense of Gibbs Russ. *et al.*, not of (L.) P.Beauv., misapplied name (2)
C. hedbergii in sense of Gibbs Russ. *et al.*, not of (Melderis) Tzvelev, misapplied name (3)
Perennial. Graminoid, helophyte. Ht 0.1–0.25 m. Alt 2800–3500 m. KZN, L

hedbergii in sense of Gibbs Russ. *et al.*, not of (Melderis) Tzvelev, misapplied name = **C. drakensbergense**

*CORTADERIA Stapf 9902110

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 230.
(2) Robinson. 1984. *South African Journal of Botany* 3: 343–346.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 90, 91.
(4) Henderson. 2001. *Alien weeds and invasive plants*: 11, 12.

jubata (Lem.) Stapf
Perennial. Graminoid. Ht up to 3 m. Alt 1800–1900 m. G, FS, WC

selloana (Schult.) Asch. & Graebn.
Perennial. Graminoid. Ht up to 4 m. Alt 1400–1600 m. G, M, KZN, WC, EC

*CORYNEPHORUS P.Beauv. 9901880

(1) Tutin. 1980. *Flora europaea* 5: 231, 232.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 91, 92.

fasciculatus Boiss. & Reut.
Annual. Graminoid. Ht 0.2–0.55 m. Alt 120–600 m. WC

CRASPEDORHACHIS Benth. 9903090

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 277.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 92, 93.
(3) Cope. 1999. *FZ.* 10,2: 219–223.

africana Benth.
Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1200 m. N, M

rhodesiana Rendle
Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1200 m. N, B

sarmentosa (Hack.) Pilg. = **Willkommia sarmentosa**

uniflora (Hochst. ex A.Rich.) Chippind. = **Leptochloa uniflora**

CRINIPES Hochst. 9903505

gynoglossa Gooss. = **Styppeiochloa gynoglossa**

CTENIUM Panz. 9902990

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 93.
(2) Cope. 1999. *FZ* 10,2: 226–229.

concinnum Nees
Perennial. Graminoid. Ht up to 0.7 m. Alt 30–2200 m. LIM, G, M, S, KZN, EC

CYMBOPOGON Spreng. 9900720

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 505–509.
(2) Soenarko. 1977. *Reinwardtia* 9: 255–375.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 759–767.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 94, 95.

afronardus Stapf = **C. nardus**

dieterleniae Stapf ex E.Phillips
Perennial. Graminoid. Ht up to 0.85 m. Alt 1100–2500 m. N, NW, G, M, FS, KZN, L, NC, EC

excavatus (Hochst.) Stapf ex Burtt Davy
Perennial. Graminoid. Ht up to 1.5 m. Alt 15–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

marginatus (Steud.) Stapf ex Burtt Davy
Perennial. Graminoid. Ht up to 0.8 m. Alt 9–1400 m. WC, EC

nardus (L.) Rendle
C. afronardus Stapf (3)
C. validus (Stapf) Stapf ex Burtt Davy (3)
Perennial. Graminoid. Ht up to 3 m. Alt 3–2200 m. B, LIM, NW, G, M, S, KZN, L, EC

plurinodis (Stapf) Stapf ex Burtt Davy = **C. pospischilii**

pospischilii (K.Schum.) C.E. Hubb.
C. plurinodis (Stapf) Stapf ex Burtt Davy (3)
Perennial. Graminoid. Ht up to 1 m. Alt 15–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

prolixus (Stapf) E.Phillips
Perennial. Graminoid. Ht up to 1.2 m. Alt 20–2200 m. NW, M, FS, KZN, L, NC, WC, EC

validus (Stapf) Stapf ex Burtt Davy = **C. nardus**

CYMBOSETARIA Schweick. 9901282

sagittifolia (A.Rich.) Schweick. = **Setaria sagittifolia**

CYNODON Rich. 9902960

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 198–203.
(2) De Wet & Harlan. 1970. *Taxon* 19: 565–569.
(3) De Wet & Harlan. 1971. *Journal of South African Botany* 37: 53–56.
(4) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 316–321.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 95–97.
(6) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 174–177.

***aethiopicus** Clayton & Harlan
Perennial. Graminoid. Ht up to 0.9 m. Alt 300–1300 m. LIM, G, KZN, EC

bradleyi Stent
Perennial. Graminoid. Ht 0.05–0.3 m. Alt 1500–1700 m. NW, G, FS, KZN, NC

dactylon (L.) Pers.
Perennial. Graminoid. Ht 0.05–0.35 m. Alt 1–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hirsutus Stent
Perennial. Graminoid. Ht 0.05–0.25 m. Alt 700–2450 m. LIM, NW, G, M, S, FS, KZN, L, EC

incompletus Nees
Perennial. Graminoid. Ht 0.05–0.3 m. Alt 100–2000 m. NW, FS, NC, WC, EC

***nlemfuensis** Vanderyst
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 300–1000 m. LIM, G, KZN, WC

polevansii Stent
Perennial. Graminoid. Ht 0.05–0.12 m. Alt 1250–1350 m. NW

transvaalensis Burtt Davy
Perennial. Graminoid. Ht 0.05–0.3 m. Alt 30–2200 m. NW, G, M, FS, KZN, L, NC, WC, EC

*CYNOSURUS L. 9903730

(1) Linder. 1986. *Bothalia* 16: 61.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 98.

coloratus Lehm. ex Nees
Annual. Graminoid. Ht 0.05–0.2 m. Alt 30–1200 m. NC, WC

echinatus L.
Annual. Graminoid. Ht 0.2–0.6 m. Alt 10–1550 m. NC, WC, EC

CYPHOLEPIS Chiov. 9903331

yemenica (Schweinf.) Chiov. = **Coelachyrum yemenicum**

*DACTYLIS L. 9903980

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 99.
(2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 165.

glomerata L.
Perennial. Graminoid. Ht up to 1.4 m. Alt 500–2500 m. M, FS, KZN, L, WC, EC

DACTYLOCTENIUM Willd. 9903320

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 250–258.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 99–101.
(3) Cope. 1999. *FZ* 10,2: 162–166.

aegyptium (L.) Willd.
Annual. Graminoid. Ht up to 0.75 m. Alt 9–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

australe Steud.
Perennial. Graminoid. Ht up to 0.81 m. Alt 5–1000 m. LIM, G, M, S, KZN, EC

geminatum Hack.
Perennial. Graminoid. Ht 0.35–0.9 m. Alt 0–400 m. LIM, M, KZN

giganteum Fisher & Schweick.
Annual. Graminoid. Ht up to 1.14 m. Alt 10–1100 m. N, B, LIM, NW, G, M, S, KZN, EC

DANTHONIA DC. 9902040

arundinacea (P.J.Bergius) Schweick. = **Merxmuellera arundinacea**

aureocephala J.G.Anderson = **Merxmuellera aureocephala**

brachyphylla Stapf = **Pseudopentameris brachyphylla**

cincta Nees in part = **Merxmuellera cincta** subsp. **cincta**

cincta Nees in part = **Merxmuellera cincta** subsp. **sericea**

curva Nees = **Karroochloa curva**

davyi C.E.Hubb. = **Merxmuellera davyi**

disticha Nees = **Merxmuellera disticha**

drakensbergensis Schweick. = **Merxmuellera drakensbergensis**

dregeana Steud. = **Chaetobromus involucratus** subsp. **dregeanus**

dura Stapf = **Merxmuellera dura**

forskalii in sense of Chippind., not of (Vahl) R.Br., misapplied name = **Centropodia glauca**

glauca Nees = **Centropodia glauca**

intercepta (Nees) Steud. = **Chaetobromus involucratus** subsp. **dregeanus**

lanata (Schrad.) Schrad. = **Merxmuellera rufa**

lanata (Schrad.) Schrad. var. *major* Nees = **Merxmuellera rufa**

lupulina (Thunb.) P.Beauv. ex Roem. & Schult. = **Merxmuellera lupulina**

macowanii Stapf = **Merxmuellera macowanii**

macrantha Schrad. = **Pseudopentameris macrantha**

macrocephala Stapf = **Merxmuellera rufa**

mossamedensis Rendle = **Centropodia mossamedensis**

papposa Nees = **Merxmuellera papposa**

pumila Nees = **Dregeochloa pumila**

purpurea (Thunb.) P.Beauv. ex Roem. & Schult. = **Karroochloa purpurea**

rangei Pilg. = **Merxmuellera rangei**

stereophylla J.G.Anderson = **Merxmuellera stereophylla**

stricta Schrad. = **Merxmuellera stricta**

tenella Nees = **Karroochloa tenella**

zeyheriana Steud. var. *trichostachya* Stapf = **Merxmuellera decora**

zeyheriana Steud. var. *zeyheriana* = **Merxmuellera decora**

DANTHONIOPSIS Stapf 9901770

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 285–287.
(2) Clayton. 1967. *Kew Bulletin* 21: 123.
(3) Launert. 1970. *FSWA* 160: 127, 128.
(4) Clayton. 1989. *FZ* 10,3: 199–203.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58; 101, 102.

dinteri (Pilg.) C.E.Hubb.
Annual. Graminoid. Ht up to 3 m. Alt 400–900 m. N, B, LIM, M

lignosa C.E.Hubb.
Perennial. Graminoid. Ht up to 2 m. Alt 700–1000 m. N

parva (J.B.Phipps) Clayton
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1500–1600 m. LIM

pruinosa C.E.Hubb.
D. pruinosa C.E.Hubb. var. *gracilis* C.E.Hubb. (4)
Perennial. Graminoid. Ht up to 1.8 m. Alt 300–1220 m. LIM, M, KZN

pruinosa C.E.Hubb. var. *gracilis* C.E.Hubb. = **D. pruinosa**

ramosa (Stapf) Clayton
Loudetia anomala C.E.Hubb. & Schweick. (3)
Loudetia ramosa (Stapf) C.E.Hubb. (2)
Trichopteryx ramosa Stapf (2)
Perennial. Shrub, graminoid. Ht 0.45–0.6 m. Alt 500–2000 m. N, NC

scopulorum (J.B.Phipps) J.B.Phipps
Gazochloa scopulorum J.B.Phipps (5)
Perennial. Graminoid. Ht 0.3–0.4 m. Alt 900–1000 m. KZN

*DESCHAMPSIA P.Beauv. 9901890

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 84–86.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 92–94.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 103.
(4) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 178–180.

cespitosa (L.) P.Beauv.
Perennial. Graminoid. Ht 0.25–0.85 m. Alt 2200–3300 m. L, EC

flexuosa (L.) Trin.
Perennial. Graminoid. Ht 0.05–0.5 m. Alt 2000–2300 m. WC

DESMAZERIA Dumort. 9904010

rigida (L.) Tutin = **Catapodium rigidum**

DIANDROCHLOA De Winter 9902852

(sometimes included in *Eragrostis*)
(1) De Winter. 1960. *Bothalia* 7: 387–390.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 104.
(3) Cope. 1999. *FZ* 10,2: 87–89. (See *Eragrostis*.)

namaquensis (Nees) De Winter
Eragrostis namaquensis Nees ex Schrad. (1)
[as *Eragrostis japonica* (Thunb.) Trin. in *FZ*]
Annual. Graminoid. Ht up to 1.5 m. Alt 50–1500 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

pusilla (Hack.) De Winter
Eragrostis pusilla Hack. (1)
Annual. Graminoid. Ht up to 0.42 m. Alt 400–1800 m. N, B, LIM, NW

DICHANTHIUM Willemet 9900640

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 722–726.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 105.

annulatum (Forssk.) Stapf var. **papillosum** (A.Rich.) de Wet & Harlan
D. nodosum in sense of Acocks, not of Willemet (2)
D. papillosum (Hochst.) Stapf (1)
Perennial. Graminoid. Ht up to 1 m. Alt 100–2100 m. N, B, LIM, NW, G, S, FS, KZN, NC, EC

***aristatum** (Poir.) C.E.Hubb.
Perennial. Graminoid. Ht up to 1.1 m. Alt 70–1400 m. LIM, G, FS, KZN

nodosum in sense of Acocks, not of Willemet = **D. annulatum** var. **papillosum**

papillosum (Hochst.) Stapf = **D. annulatum** var. **papillosum**

DIECTOMIS Kunth 9900690

fastigiata (Sw.) Kunth = **Andropogon fastigiatus**

DIGITARIA Haller 9900890

(1) De Winter. 1961. *Bothalia* 7: 467, 468.
(2) Kok. 1981. *Bothalia* 13: 457.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 619–655.
(4) Kok. 1984. *South African Journal of Botany* 3: 184, 185.
(5) Goetghebeur & Van der Veken. 1989. *FZ* 10,3: 133–178.
(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 106–114.

abyssinica (A.Rich.) Stapf, misapplied name = **D. scalarum**

acuminatissima Stapf
D. acuminatissima Stapf subsp. *inermis* Goetgh. (5)
Annual. Graminoid. Ht up to 1.2 m. Alt 400–600 m. N, B

acuminatissima Stapf subsp. *inermis* Goetgh. = **D. acuminatissima**

adscendens (Kunth) Henrard = **D. ciliaris**

albomarginata Stent = **D. diversinervis**

angolensis Rendle, misapplied name = **D. argyrotricha**

apiculata Stent = **D. maitlandii**

argyrograpta (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 75–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

argyrotricha (Andersson) Chiov.
D. angolensis of author, not of Rendle, misapplied name (5)
Annual or short-lived perennial. Graminoid. Ht up to 0.4 m. Alt 50–200 m. KZN

bechuanica (Stent) Henrard = **D. eriantha**

borbonica Desv. = **D. nuda**

brazzae (Franch.) Stapf
Perennial. Graminoid. Ht up to 1.3 m. Alt 600–1600 m. N, B, LIM, NW, G, FS

ciliaris (Retz.) Koeler
D. adscendens (Kunth) Henrard (4)
D. marginata Link (4)
Annual. Graminoid. Ht up to 0.6 m. Alt 3–1800 m. B, LIM, NW, G, M, S, FS, KZN, NC, EC

comifera Pilg.
Annual. Graminoid. Ht 0.3–0.8 m. Alt 300–600 m. N

debilis (Desf.) Willd.
Annual. Graminoid. Ht up to 0.6 m. Alt 3–1600 m. N, B, LIM, NW, G, M, S, KZN, WC

decumbens Stent = **D. eriantha**

diagonalis (Nees) Stapf var. **diagonalis**
D. trichopodia Stent (4)
D. uniglumis (A.Rich.) Stapf (5)
Perennial. Graminoid. Ht up to 1.6 m. Alt 10–1900 m. N, LIM, NW, G, M, S, FS, KZN, EC

***didactyla** Willd.
D. swazilandensis Stent (4)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 200–1600 m. LIM, G, M, S, KZN

dinteri Henrard = **D. eriantha**

diversinervis (Nees) Stapf
D. albomarginata Stent (4)
D. diversinervis (Nees) Stapf var. *woodiana* Henrard (4)
Perennial. Graminoid. Ht 0.2–0.35 m. Alt 2–1000 m. LIM, G, M, KZN, WC

diversinervis (Nees) Stapf var. *woodiana* Henrard = **D. diversinervis**

eriantha Steud.
D. bechuanica (Stent) Henrard (4)
D. decumbens Stent (4)
D. dinteri Henrard (4)
D. eriantha Steud. subsp. *pentzii* (Stent) Kok (4)
D. eriantha Steud. subsp. *stolonifera* (Stapf) Kok (6)
D. eriantha Steud. subsp. *transvaalensis* Kok (4)
D. eriantha Steud. var. *stolonifera* Stapf (6)
D. geniculata Stent (4)
D. glauca in sense of Stent, not A.Camus, misapplied name (6)
D. pentzii Stent (4)
D. pentzii Stent var. *stolonifera* (Stapf) Henrard (4)
D. setivalva Stent (4)
D. smutsii Stent (4)
D. stentiana Henrard (4)
D. valida Stent (4)
D. valida Stent var. *glauca* Stent (4)
Perennial. Graminoid. Ht up to 1.4 m. Alt 5–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

eriantha Steud. subsp. *pentzii* (Stent) Kok = **D. eriantha**

eriantha Steud. subsp. *stolonifera* (Stapf) Kok = **D. eriantha**

eriantha Steud. subsp. *transvaalensis* Kok = **D. eriantha**

eriantha Steud. var. *stolonifera* Stapf = **D. eriantha**

eylesii C.E.Hubb.
Perennial. Graminoid. Ht up to 1 m. Alt 600–1700 m. N, B, LIM, G, M, S

flaccida Stapf
Perennial. Graminoid. Ht up to 0.6 m. Alt 1200–2200 m. LIM, M, S, KZN, EC

gayana (Kunth) Stapf
Perennial. Graminoid. Ht up to 0.4 m. Alt 200–600 m. N, B

gazensis Rendle
Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. N

geniculata Stent = **D. eriantha**

glauca in sense of Stent, not of A.Camus, misapplied name = **D. eriantha**

gymnostachys Pilg.
Perennial. Graminoid. Ht up to 1 m. Alt 50–1000 m. LIM, KZN

littoralis in sense of Stent, not of Salisb., misapplied name = **D. natalensis**

littoralis in sense of Stent, not of Salisb. var. *prostrata* Stent, misapplied name = **D. natalensis**

longiflora (Retz.) Pers.
Annual or perennial. Graminoid. Ht 0.1–0.7 m. Alt 15–1400 m. B, LIM, NW, G, M, S, KZN

macroglossa Henrard = **D. natalensis**

macroglossa Henrard var. *prostrata* (Stent) Henrard = **D. natalensis**

maitlandii Stapf & C.E.Hubb.
D. apiculata Stent (4)
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1200–2100 m. LIM, M, S, EC

maniculata Stapf
Annual. Graminoid. Ht 0.1–0.3 m. Alt 300–600 m. N, B

marginata Link = **D. ciliaris**

melanochila Stapf = **D. thouaresiana**

milanjiana (Rendle) Stapf
Perennial. Graminoid. Ht 0.5–2 m. Alt 300–1400 m. N, B, LIM

monodactyla (Nees) Stapf
D. monodactyla (Nees) Stapf var. *explicata* Stapf (4)
Perennial. Graminoid. Ht 0.2–0.7 m. Alt 300–2300 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

monodactyla (Nees) Stapf var. *explicata* Stapf = **D. monodactyla**

natalensis Stent
D. littoralis in sense of Stent, not of Salisb., misapplied name (6)
D. littoralis in sense of Stent, not of Salisb. var. *prostrata* Stent, misapplied name (6)
D. macroglossa Henrard (4)
D. macroglossa Henrard var. *prostrata* (Stent) Henrard (4)
D. natalensis Stent subsp. *stentiana* Henrard (4)
D. rigida Stent (4)
Perennial. Graminoid. Ht up to 1.6 m. Alt 2–1800 m. LIM, M, S, KZN, WC, EC

natalensis Stent subsp. *stentiana* Henrard = **D. natalensis**

***nuda** Schumach.
D. borbonica Desv. (4)
Annual. Graminoid. Ht 0.1–0.5 m. Alt 140–1700 m. N, LIM, M, S, KZN, EC

pentzii Stent = **D. eriantha**

pentzii Stent var. *stolonifera* (Stapf) Henrard = **D. eriantha**

otaviensis Launert = **Tarigidia aequiglumis**

perrottetii (Kunth) Stapf
Annual. Graminoid. Ht up to 1 m. Alt 25–1800 m. N, B, LIM, KZN

polevansii Stent = **D. seriata**

polyphylla Henrard
Perennial. Graminoid. Ht 0.3–0.4 m. Alt 300–1600 m. NW, NC

remotigluma (De Winter) Clayton
Digitariella remotigluma De Winter (4)
Annual. Graminoid. Ht 0.1–0.5 m. Alt 300–1000 m. N, B

rigida Stent = **D. natalensis**

rukwae Clayton
Perennial. Graminoid. Ht up to 1.2 m. Alt 20–100 m. KZN

***sanguinalis** (L.) Scop.
Annual. Graminoid. Ht 0.2–0.6 m. Alt 5–2200 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

scalarum (Schweinf.) Chiov.
D. abyssinica (A.Rich.) Stapf, misapplied name (5)
D. vestita Fig. & De Not. var. *scalarum* (Schweinf.) Henrard (5)
Perennial. Graminoid. Ht 0.1–0.35 m. Alt 5–1600 m. B, LIM, NW, G, M, S, KZN, EC

seriata Stapf
D. polevansii Stent (4)
Perennial. Graminoid. Ht up to 1.2 m. Alt 300–1400 m. N, B, LIM, NW

setifolia Stapf
Perennial. Graminoid. Ht 0.2–0.5 m. Alt 60–2100 m. M, S?, FS, KZN, L, EC

setivalva Stent = **D. eriantha**

smutsii Stent = **D. eriantha**

stentiana Henrard = **D. eriantha**

swazilandensis Stent = **D. didactyla**

ternata (A.Rich.) Stapf
Annual. Graminoid. Ht 0.2–0.6 m. Alt 5–2300 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

thouaresiana (Flüggé) A.Camus
D. melanochila Stapf (4)
D. tricostulata (Hack.) Henrard (4)
Annual. Graminoid. Ht 0.2–0.8 m. Alt 600–1800 m. M, FS, KZN, EC

tricholaenoides Stapf
Perennial. Graminoid. Ht 0.2–0.55 m. Alt 1000–2200 m. NW, G, M, S, FS, KZN, L, EC

trichopodia Stent = **D. diagonalis** var. **diagonalis**

tricostulata (Hack.) Henrard = **D. thouaresiana**

uniglumis (A.Rich.) Stapf = **D. diagonalis** var. **diagonalis**

valida Stent = **D. eriantha**

valida Stent var. *glauca* Stent = **D. eriantha**

velutina (Forssk.) P.Beauv.
D. zeyheri (Nees) Henrard (4)
Annual. Graminoid. Ht up to 0.8 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, KZN, EC

vestita Fig. & De Not. var. *scalarum* (Schweinf.) Henrard = **D. scalarum**

***violascens** Link
Annual. Graminoid. Ht up to 0.9 m. Alt 800–1000 m. KZN

zeyheri (Nees) Henrard = **D. velutina**

DIGITARIELLA De Winter 9900894

remotigluma De Winter = **Digitaria remotigluma**

DIHETEROPOGON (Hack.) Stapf 9900810

(1) Chippindall. 1944. *The Flowering Plants of South Africa* 24: t. 922.
(2) Clayton. 1966. *Kew Bulletin* 20: 74, 75.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 783–786.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 114, 115.

amplectens (Nees) Clayton
Andropogon amplectens Nees (2)
Perennial. Graminoid. Ht up to 2 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

filifolius (Nees) Clayton
Andropogon filifolius (Nees) Steud. (2)
Perennial. Graminoid. Ht 0.15–0.6 m. Alt 15–2500 m. N, LIM, G, M, S, FS, KZN, L, EC

DINEBRA Jacq. 9903300

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 116.
(2) Cope. 1999. *FZ* 10,2: 45–47.

retroflexa (Vahl) Panz. var. **condensata** S.M.Phillips
Annual. Graminoid. Ht 0.13–0.9 m. Alt 4–1400 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

DIPLACHNE P.Beauv. 9903450

biflora Hack. ex Schinz = **Bewsia biflora**

cinerea Hack. = **Odyssea paucinervis**

cuspidata Launert [Note: combination to place this species into *Leptochloa* has not yet been made.]
Perennial. Graminoid. Ht 0.32–0.65 m. Alt 600–1000 m. N

eleusine Nees = **Leptochloa eleusine**

fusca (L.) P.Beauv. ex Roem. & Schult. = **Leptochloa fusca**

gigantea Launert = **Leptochloa gigantea**

malabarica (L.) Merr in sense of Adamson = **Leptochloa fusca**

DOLICHOCHAETE (C.E.Hubb.) J.B.Phipps 9901742

rehmannii (Hack.) J.B.Phipps = **Tristachya rehmannii**

DREGEOCHLOA Conert 9902045

(1) Conert. 1966. *Senckenbergiana Biologica* 47: 335–343.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 118.

calviniensis Conert
Perennial. Graminoid. Ht 0.15–0.25 m. Alt 1000–1400 m. NC

pumila (Nees) Conert
Danthonia pumila Nees (1)
Perennial. Graminoid. Ht 0.04–0.07 m. Alt 50–200 m. N, NC

ECHINOCHLOA P.Beauv. 9901120

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 358–363.
(2) Clayton. 1989. *FZ* 10,3: 50–58.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 119–121.

colona (L.) Link
Annual. Graminoid. Ht up to 1.5 m. Alt 5–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

crus-galli (L.) P.Beauv.
E. subverticillata Pilg. (2)
Annual. Graminoid. Ht up to 1 m. Alt 9–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

crus-pavonis (Kunth) Schult.
Annual or perennial. Graminoid. Ht up to 2 m. Alt 6–1600 m. KZN, WC, EC

haploclada (Stapf) Stapf
Perennial. Graminoid. Ht up to 3 m. Alt 200–1300 m. B, LIM, G, M, S

holubii (Stapf) Stapf
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 4–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

jubata Stapf
Perennial. Graminoid. Ht up to 2 m. Alt 600–1800 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, EC

pyramidalis (Lam.) Hitchc. & Chase
Perennial. Graminoid. Ht 1–4 m. Alt 1–1500 m. N, B, LIM, G, M, S, KZN, WC, EC

stagnina (Retz.) P.Beauv.
Perennial, occ. annual. Graminoid. Ht up to 2 m. Alt 800–1700 m. N, B, LIM, G, M, FS, L

subverticillata Pilg. = **E. crus-galli**

ugandensis Snowden & C.E.Hubb.
Annual. Graminoid. Ht up to 1 m. Alt 85–1000 m. B, LIM, NW, G, M, S, KZN

EHRHARTA Thunb. 9901600

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 34–45.
(2) Gibbs Russell. 1984. *Bothalia* 15: 145–147, 149–151.
(3) Gibbs Russell. 1987. *Bothalia* 17: 191–194.
(4) Gibbs Russell & Ellis. 1988. *Bothalia* 18: 165–171.
(5) Gibbs Russell & Ellis. 1989. *Bothalia* 19: 189–207.
(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 121–129.

aphylla Schrad. = **E. ramosa** subsp. **aphylla**

barbinodis Nees ex Trin.
Perennial. Shrub, graminoid. Ht 0.3–0.9 m. Alt 1–1200 m. NC, WC

brevifolia Schrad. var. **brevifolia**
Annual. Graminoid. Ht 0.1–0.3 m. Alt 10–900 m. N, NC, WC

brevifolia Schrad. var. **cuspidata** Nees
Annual. Graminoid. Ht 0.2–0.5 m. Alt 20–400 m. N, NC, WC

bulbosa Sm.
Perennial. Graminoid, geophyte. Ht up to 0.7 m. Alt 50–250 m. WC

calycina Sm.
E. geniculata Thunb. (1)
Perennial, occ. annual. Graminoid. Ht up to 1.8 m. Alt 2–2500 m. N, FS, KZN, L, NC, WC, EC

capensis Thunb.
Perennial. Graminoid, geophyte. Ht up to 1 m. Alt 50–1500 m. NC, WC

delicatula (Nees) Stapf
Annual. Graminoid. Ht 0.04–0.25 m. Alt 50–1200 m. N, NC, WC

dodii Stapf = **E. rupestris** subsp. **dodii**

dura Nees ex Trin.
Perennial. Graminoid. Ht up to 0.8 m. Alt 400–1300 m. WC, EC

eburnea Gibbs Russ.
Perennial. Graminoid, geophyte. Ht 0.2–0.5 m. Alt 700–1400 m. NC, WC, EC

erecta Lam. var. **erecta**
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 2–2200 m. G, FS, KZN, WC, EC

erecta Lam. var. **natalensis** Stapf
Perennial. Graminoid. Ht up to 0.9 m. Alt 10–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

geniculata Thunb. = **E. calycina**

gigantea Thunb. = **E. thunbergii**

longiflora Sm.
Annual. Graminoid. Ht up to 0.6 m. Alt 30–1100 m. N?, FS?, NC, WC, EC?

longifolia Schrad.
Perennial. Graminoid, geophyte. Ht up to 1.2 m. Alt 100–1800 m. NC, WC

longigluma C.E.Hubb.
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 2300–3000 m. FS, KZN, L, EC

melicoides Thunb.
Perennial. Graminoid. Ht 0.3–0.7 m. Alt 500–1800 m. NC, WC

microlaena Nees ex Trin.
Perennial. Graminoid. Ht up to 1.1 m. Alt 400–1330 m. WC

ottonis Kunth ex Nees
Perennial. Graminoid, geophyte. Ht up to 1.2 m. Alt 200–2200 m. WC, EC

pusilla Nees ex Trin.
Annual. Graminoid. Ht 0.05–0.35 m. Alt 60–1400 m. N, NC

ramosa (Thunb.) Thunb. subsp. **aphylla** (Schrad.) Gibbs Russ.
E. aphylla Schrad. (5)
E. ramosa (Thunb.) Thunb. var. *aphylla* (Schrad.) Gluckman (5)
Perennial. Shrub, graminoid. Ht 0.3–0.8 m. Alt 80–1500 m. WC

ramosa (Thunb.) Thunb. subsp. **ramosa**
E. ramosa (Thunb.) Thunb. var. *ramosa* (5)
Perennial. Shrub. Ht up to 1 m. Alt 45–2000 m. WC, EC

ramosa (Thunb.) Thunb. var. *aphylla* (Schrad.) Gluckman = **E. ramosa** subsp. **aphylla**

ramosa (Thunb.) Thunb. var. *ramosa* = **E. ramosa** subsp. **ramosa**

rehmannii Stapf subsp. **filiformis** (Stapf) Gibbs Russ.
E. rehmannii Stapf var. *filiformis* Stapf (5)
Perennial. Graminoid, erect or straggling. Ht up to 0.8 m. Alt 60–1700 m. WC

rehmannii Stapf subsp. **rehmannii**
E. rehmannii Stapf var. *rehmannii* (6)
Perennial. Graminoid. Ht up to 1 m. Alt 25–1000 m. WC, EC

rehmannii Stapf subsp. **subspicata** (Stapf) Gibbs Russ.
E. subspicata Stapf (6)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 10–700 m. WC, EC

rehmannii Stapf var. *filiformis* Stapf = **E. rehmannii** subsp. **filiformis**

rehmannii Stapf var. *rehmannii* = **E. rehmannii** subsp. **rehmannii**

rupestris Nees ex Trin. subsp. **dodii** (Stapf) Gibbs Russ.
E. dodii Stapf (2)
Perennial. Graminoid. Ht up to 0.25 m. Alt 600–1700 m. WC

rupestris Nees ex Trin. subsp. **rupestris**
Perennial. Graminoid. Ht up to 0.3 m. Alt 700–2000 m. WC

rupestris Nees ex Trin. subsp. **tricostata** (Stapf) Gibbs Russ.
E. tricostata Stapf (6)
Perennial. Graminoid. Ht 0.2–0.45 m. Alt 300–2000 m. NC, WC, EC

setacea Nees subsp. **disticha** (Stapf) Gibbs Russ.
Perennial. Graminoid. Ht up to 0.25 m. Alt 58–1225 m. WC

setacea Nees subsp. **scabra** (Stapf) Gibbs Russ.
E. setacea Nees var. *scabra* Stapf (2)
Perennial. Graminoid. Ht 0.25–0.6 m. Alt 300–1300 m. WC

setacea Nees subsp. **setacea**
Perennial. Graminoid. Ht 0.25–0.4 m. Alt 100–1600 m. WC

setacea Nees subsp. **uniflora** (Burch. ex Stapf) Gibbs Russ.
E. uniflora Burch. ex Stapf (2)
Perennial. Graminoid. Trailing up to 0.4 m. Alt 10–500 m. WC

setacea Nees var. *scabra* Stapf = **E. setacea** subsp. **scabra**

stipoides Labill. = **Microlaena stipoides**

subspicata Stapf = **E. rehmannii** subsp. **subspicata**

thunbergii Gibbs Russ.
E. gigantea Thunb. (3)
E. virgata Launert (6)
Perennial. Graminoid. Ht up to 1.5 m. Alt 100–1500 m. N, NC, WC, EC

triandra Nees ex Trin.
Annual. Graminoid. Ht 0.06–0.45 m. Alt 100–1200 m. N, NC, WC

tricostata Stapf = **E. rupestris** subsp. **tricostata**

uniflora Burch. ex Stapf = **E. setacea** subsp. **uniflora**

villosa Schult.f. var. **maxima** Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 2–700 m. WC, EC

villosa Schult.f. var. **villosa**
Perennial. Graminoid. Ht up to 1.5 m. Alt 2–1850 m. WC, EC

virgata Launert = **E. thunbergii**

ELEUSINE Gaertn. 9903310

(1) Phillips. 1971. *Kew Bulletin* 27: 251–270.
(2) Hilu & De Wet. 1976. *American Journal of Botany* 63: 1311–1318.
(3) Hilu & De Wet. 1976. *Economic Botany* 30: 199–208.
(4) De Wet *et al.* 1984. *American Journal of Botany* 71: 550–557.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 129, 130.
(6) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 138–142.
(7) Cope. 1999. *FZ* 10,2: 156–159.

africana Kenn.-O'Byrne = **E. coracana** subsp. **africana**

coracana (L.) Gaertn. subsp. **africana** (Kenn.-O'Byrne) Hilu & de Wet
E. africana Kenn.-O'Byrne (4)
E. indica (L.) Gaertn. subsp. *africana* (Kenn.-O'Byrne) S.M.Phillips (4)
Annual. Graminoid. Ht up to 0.62 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

indica (L.) Gaertn.
Annual. Graminoid. Ht 0.23–0.4 m. Alt 20–1800 m. N, S, KZN, EC

indica (L.) Gaertn. subsp. *africana* (Kenn.-O'Byrne) S.M.Phillips = **E. coracana** subsp. **africana**

***multiflora** A.Rich.
Annual. Graminoid. Ht 0.12–0.4 m. Alt 1600–2500 m. G, M, FS, L

***tristachya** (Lam.) Lam.
Perennial. Graminoid. Ht 0.07–0.18 m. Alt 250–1600 m. G, FS, L, NC, WC

ELIONURUS Kunth ex Willd. 9900280

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae: 835–838.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 130, 131.

argenteus Nees = **E. muticus**

glaber E.Phillips = **E. muticus**

glaber E.Phillips var. *villosus* E.Phillips = **E. muticus**

muticus (Spreng.) Kuntze
E. argenteus Nees (1)
E. glaber E.Phillips (1)
E. glaber E.Phillips var. *villosus* E.Phillips (1)
E. pretoriensis E.Phillips (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 15–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

pretoriensis E.Phillips = **E. muticus**

tripsacoides Willd.
Perennial. Graminoid. Ht 1.2–1.5 m. Alt 100–1000 m. N, B

ELYMANDRA Stapf 9900801

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 823.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 131, 132.

grallata (Stapf) Clayton
Perennial. Graminoid. Ht up to 2 m. Alt 85–900 m. N, B, KZN

*ELYMUS L. 9904520

Note: this is an alternative genus for the species given below, see *Elytrigia* and *Thinopyrum* for species information.
(1) Melderis. 1978. *Botanical Journal of the Linnean Society* 76: 383.
(2) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 208–279.
(3) Assadi. 1996. *Willdenowia* 26: 267.

distichus (Thunb.) Melderis
Agropyron distichum (Thunb.) P.Beauv. (1)
Thinopyrum distichum (Thunb.) A.Löve (2)

repens (L.) Gould
Agropyron repens (L.) P. Beauv. (3)
Elytrigia repens (L.) Nevski (3)

*ELYTRIGIA Desv. 9904345

Note: see *Elymus*, an alternative genus that can be used.
(1) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 208–279.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 132.
(3) Assadi. 1996. *Willdenowia* 26: 267.

repens (L.) Nevski
Agropyron repens (L.) P.Beauv. (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 10–1200 m. WC, EC

ELYTROPHORUS P.Beauv. 9903700

(1) Clayton. 1970. *FTEA* Gramineae (Part 2): 135–137.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 133, 134.
(3) Cope. 1999. *FZ* 10,2: 2–4.

globularis Hack.
Annual. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. N, B, LIM

spicatus (Willd.) A.Camus
Annual. Graminoid. Ht up to 0.6 m. Alt 400–1000 m. N, B

ENNEAPOGON Desv. ex P.Beauv. 9903570

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 234–238.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 167–169.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 134–136.
(4) Cope. 1995. In Thulin, *Flora of Somalia* 4: 166, 167.

brachystachyum (Jaub. & Spach) Stapf = **E. desvauxii**

cenchroides (Roem. & Schult.) C.E.Hubb.
Annual or short-lived perennial. Graminoid. Ht up to 1 m. Alt 60–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

desvauxii P.Beauv.
E. brachystachyum (Jaub. & Spach) Stapf (2)
Annual or perennial. Graminoid. Ht 0.03–0.3 m. Alt 200–2200 m. N, B, LIM, NW, FS, NC, WC, EC

filifolius (Pilg.) Stapf ex Garab. = **E. scoparius**

pretoriensis Stent
Perennial. Graminoid. Ht 0.3–0.65 m. Alt 400–1600 m. B, LIM, NW, G, M

scaber Lehm.
Perennial. Graminoid. Ht 0.07–0.35 m. Alt 90–1500 m. N, B, NW, FS, NC, WC

scoparius Stapf
E. filifolius (Pilg.) Stapf ex Garab. (3)
Perennial. Graminoid. Ht 0.3–0.65 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

spathaceus Gooss.
Perennial. Graminoid. Ht 0.65–0.9 m. Alt 400–600 m. LIM

ENTEROPOGON Nees 9903000

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 331–335.
(2) Clayton. 1982. *Kew Bulletin* 37: 419.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 136, 137.
(4) Cope. 1999. *FZ* 10,2: 216–219.

macrostachyus (A.Rich.) Benth.
E. simplex (Schumach. & Thonn.) A.Chev. (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 200–1400 m. N, B, LIM, NW, G, M

monostachyus (Vahl) K.Schum. subsp. **africanus** Clayton
Perennial. Graminoid. Ht up to 1 m. Alt 25–1000 m. LIM, M, S, KZN

prieurii (Kunth) Clayton
Chloris prieurii Kunth (2)
Annual. Graminoid. Ht up to 0.5 m. Alt 600–900 m. N

rupestris (J.A.Schmidt) A.Chev.
Perennial. Graminoid. Ht up to 1 m. Alt 600–1600 m. N, B

simplex (Schumach. & Thonn.) A.Chev. = **E. macrostachyus**

ENTOLASIA Stapf 9901021

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 573–575.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 137, 138.

imbricata Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 600–1000 m. N, B

olivacea Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 1000–1500 m. LIM

ENTOPLOCAMIA Stapf 9903280

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 189.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 138, 139.

aristulata (Hack. & Rendle) Stapf
Annual. Graminoid. Ht up to 1.1 m. Alt 900–1500 m. N

ERAGROSTIS Wolf 9902860

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 132–184.
(2) De Winter. 1960. *Bothalia* 7: 468–479.
(3) De Winter. 1966. *Bothalia* 9: 137–139.
(4) Phillips. 1982. *Kew Bulletin* 37: 147–149.
(5) Koch & Sánchez Vega. 1985. *Phytologia* 58: 377–381.
(6) De Winter. 1990. *Bothalia* 20: 203–209.
(7) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 139–163.
(8) Cope. 1999. *FZ* 10,2: 49–148.

abyssinica (Jacq.) Link = **E. tef**

acraea De Winter
Perennial. Graminoid. Ht up to 2 m. Alt 100–1900 m. LIM, NW, M, EC

aethiopica Chiov.
Annual. Graminoid. Ht up to 0.6 m. Alt 300–1400 m. B, LIM, M, S

amabilis (L.) Hook. & Arn.
E. tenella (L.) Roem. & Schult. (8)
Annual. Graminoid. Ht up to 0.5 m. Alt 200–1400 m. N, B, LIM, G, M, KZN, NC

annulata Rendle ex Scott-Elliot
Annual. Graminoid. Ht up to 0.35 m. Alt 400–1400 m. N, B, NC

arenicola C.E.Hubb.
Annual. Graminoid. Ht up to 0.5 m. Alt 60–1500 m. N, LIM, KZN

aristata De Winter
Annual. Graminoid. Ht up to 0.75 m. Alt 20–1500 m. N

aspera (Jacq.) Nees
Annual. Graminoid. Ht up to 0.8 m. Alt 70–1400 m. N, B, LIM, NW, G, M, S, KZN, NC

atherstonei Stapf = **E. trichophora**

atrovirens (Desf.) Trin. ex Steud., misapplied name = **E. inamoena**

barbinodis Hack.
Perennial. Graminoid. Trailing up to 1 m. Alt 100–2100 m. B, LIM, NW, G, M, S, FS, KZN

***barrelieri** Daveau
Annual. Graminoid. Ht up to 0.3 m. Alt 100–1500 m. N, B, LIM, NW, G, M, S, FS, NC, EC

bergiana (Kunth) Trin.
Perennial. Graminoid. Ht up to 0.4 m. Alt 300–1220 m. N?, B, FS, NC, WC, EC

bicolor Nees
Perennial. Graminoid. Ht up to 0.6 m. Alt 800–1700 m. N, B, NW, FS, NC, EC

biflora Hack. ex Schinz
Annual. Graminoid. Ht up to 0.7 m. Alt 600–1600 m. N, B, LIM, NW, G, M, FS, NC

brizantha Nees
Annual. Graminoid. Ht up to 0.5 m. Alt 100–1700 m. N, B, NC

caesia Stapf
Perennial. Graminoid. Ht up to 0.6 m. Alt 1200–3000 m. LIM, M, S, FS, KZN, L, EC

capensis (Thunb.) Trin.
Perennial. Graminoid. Ht up to 0.9 m. Alt 5–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

chalcantha Trin. = **E. racemosa**

chapelieri (Kunth) Nees
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 5–1100 m. N, LIM, M, S, KZN

chloromelas Steud.
Perennial. Graminoid. Ht up to 0.8 m. Alt 40–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

cilianensis (All.) Vignolo ex Janch.
Annual. Graminoid. Ht up to 0.9 m. Alt 9–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

ciliaris (L.) R.Br.
Annual. Graminoid. Ht 0.22–0.6 m. Alt 9–1000 m. B, LIM, G, M, S, KZN, EC

cimicina Launert
Perennial. Graminoid. Ht 1–1.5 m. Alt 300–1000 m. N, B

comptonii De Winter
Perennial. Graminoid. Ht up to 1.1 m. Alt 600–1700 m. S

congesta Oliv.
Perennial. Graminoid. Ht up to 0.8 m. Alt 50–100 m. KZN

crassinervis Hack.
Perennial. Graminoid. Ht up to 0.6 m. Alt 50–1300 m. N, LIM

curvula (Schrad.) Nees
E. robusta Stent (7)
Perennial. Graminoid. Ht up to 1.2 m. Alt 3–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cylindriflora Hochst.
E. horizontalis Peter (7)
Annual. Graminoid. Ht 0.35–0.8 m. Alt 100–2000 m. N, B, LIM, G, M, S, KZN, NC, WC

cyperoides (Thunb.) P.Beauv. = **Cladoraphis cyperoides**

denudata Hack. ex Schinz = **E. nindensis**

desolata Launert
Perennial. Graminoid. Ht up to 0.7 m. Alt 900–1500 m. M

dinteri Stapf
Annual. Graminoid. Ht 0.25–0.5 m. Alt 500–1500 m. N, B

echinochloidea Stapf
Perennial. Graminoid. Ht up to 0.9 m. Alt 500–2000 m. N, B, LIM, NW, NC

elatior Stapf
Perennial. Graminoid. Ht up to 0.5 m. Alt 5–300 m. WC

friesii Pilg.
Perennial. Graminoid. Ht up to 0.2 m. Alt 850–1500 m. N

gangetica (Roxb.) Steud.
Annual. Graminoid. Ht 0.25–0.8 m. Alt 900–1500 m. N

glandulosipedata De Winter
Annual. Graminoid. Ht up to 1 m. Alt 300–1700 m. N, B, LIM, G

gummiflua Nees
Perennial. Graminoid. Ht up to 0.9 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

habrantha Rendle
Perennial. Graminoid. Ht up to 1 m. Alt 300–1700 m. N, B, LIM

henrardii Jansen = **E. trichophora**

heteromera Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 12–2100 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

hierniana Rendle
E. uniglumis Hack. (7)
Perennial. Graminoid. Ht up to 1 m. Alt 300–1700 m. B, LIM, NW, G, M, S, KZN

homomalla Nees
E. hygrophila C.E.Hubb. & Schweick. (7)
Annual. Graminoid. Ht 0.2–0.5 m. Alt 0–1220 m. N, B, NW, FS, NC, WC, EC

horizontalis Peter = **E. cylindriflora**

hygrophila C.E.Hubb. & Schweick. = **E. homomalla**

inamoena K.Schum.
E. atrovirens in sense of Chippind., not of (Desf.) Trin. ex Steud., misapplied name (7)
Perennial. Graminoid. Ht up to 1 m. Alt 2–1700 m. N, B, LIM, NW, G, S, KZN, EC

jeffreysii Hack.
Perennial. Graminoid. Ht up to 2 m. Alt up to 2000 m. N, B

kingesii De Winter
Annual. Graminoid. Ht up to 0.1 m. Alt 600–1200 m. N, NC

laevissima Hack.
Perennial, occ. annual. Graminoid. Ht 0.4–0.8 m. Alt 600–1500 m. N, B

lamprospicula De Winter = **E. patentipilosa**

lappula Nees
E. lappula Nees var. *divaricata* Stapf (8)
Perennial. Graminoid. Ht up to 1.2 m. Alt 5–1500 m. N, B, LIM, G, M, S, FS, KZN

lappula Nees var. *divaricata* Stapf = **E. lappula**

leersiiformis Launert
Annual. Graminoid. Ht up to 0.5 m. Alt 1500–1800 m. N

lehmanniana Nees var. **chaunantha** (Pilg.) De Winter
Perennial. Graminoid. Ht up to 0.6 m. Alt 800–1300 m. N, B, NW, FS, NC

lehmanniana Nees var. **lehmanniana**
Perennial. Graminoid. Ht up to 0.6 m. Alt 200–2300 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC, EC

leptotricha Cope
Perennial. Graminoid. Ht up to 0.6 m. Alt 600–1000 m. B

macrochlamys Pilg. var. **macrochlamys**
Annual. Graminoid. Ht up to 0.3 m. Alt 900–2000 m. N, NC

macrochlamys Pilg. var. **wilmaniae** (C.E.Hubb. & Schweick.) De Winter
Annual. Graminoid. Ht up to 0.3 m. Alt 30–1600 m. N, B, NW, NC

margaritacea Stapf = **E. rotifer**

membranacea Hack. ex Schinz
Annual. Graminoid. Ht up to 1.1 m. Alt 600–1200 m. N, B

***mexicana** (Hornem.) Link subsp. **virescens** (J.Presl. & C.Presl.) S.D.Koch & Sánchez Vega
E. virescens J.Presl & C.Presl (5)

Annual. Graminoid. Ht 0.4–0.7 m. Alt 9–1600 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

micrantha Hack.
Perennial. Graminoid. Ht up to 1 m. Alt 300–2100 m. N, B, LIM, NW, G, M, FS, L, NC

***minor** Host
E. poaeoides P.Beauv. ex Roem. & Schult. (7)
Annual. Graminoid. Ht up to 0.6 m. Alt 1200–1400 m. G

mildbraedii Pilg.
Perennial. Graminoid. Ht up to 0.4 m. Alt 950–1000 m. B

moggii De Winter var. **moggii**
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 9–900 m. KZN

namaquensis Nees ex Schrad. = **Diandrochloa namaquensis**

nebulosa Stapf = **E. planiculmis**

nindensis Ficalho & Hiern
E. denudata Hack. ex Schinz (7)
Perennial. Graminoid. Ht up to 0.9 m. Alt 100–2000 m. N, B, LIM, NW, G, M, FS, KZN, NC

obtusa Munro ex Ficalho & Hiern
Perennial. Graminoid. Ht up to 0.4 m. Alt 30–1900 m. LIM, NW, G, FS, L, NC, WC, EC

omahekensis De Winter
Annual. Graminoid. Ht 0.6–0.8 m. Alt 600–1700 m. N

pallens Hack.
Perennial. Graminoid. Ht up to 2 m. Alt 60–1400 m. N, B, LIM, NW, G, FS, KZN, NC, EC

patens Oliv.
Annual. Graminoid. Ht 0.15–0.4 m. Alt 500–1800 m. N, G, M, S

patentipilosa Hack.
E. lamprospicula De Winter (8)
E. pseudosclerantha Chiov. (8)
Perennial. Graminoid. Ht up to 0.8 m. Alt 400–2200 m. LIM, NW, G, M, FS, KZN

patentissima Hack.
Perennial. Graminoid. Ht 0.5–0.7 m. Alt 700–2100 m. LIM, M, S, FS, KZN, EC

phyllacantha Cope
Annual or short-lived perennial. Graminoid. Ht up to 0.25 m. Alt 1000–1400 m. B

pilgeriana Dinter ex Pilg.
Annual. Graminoid. Ht up to 0.4 m. Alt 300–2000 m. N, B, NC

pilosa (L.) P.Beauv.
Annual. Graminoid. Ht 0.2–0.7 m. Alt 9–1200 m. N, B, LIM, G, S, FS, KZN, WC, EC

plana Nees
Perennial. Graminoid. Ht up to 1 m. Alt 10–2300 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

planiculmis Nees
E. nebulosa Stapf (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 120–2500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

poaeoides P.Beauv. ex Roem. & Schult. = **E. minor**

porosa Nees
Annual. Graminoid. Ht up to 0.8 m. Alt 200–1900 m. N, B, LIM, NW, FS, NC, WC

procumbens Nees
Annual. Graminoid. Ht 0.15–0.5 m. Alt 200–2000 m. N, M, FS, NC, WC

×**pseud-obtusa** De Winter
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1000–1500 m. NW, FS, NC

pseudopoa C.E.Hubb.
Perennial. Graminoid. Ht up to 0.5 m. Alt 1500–1600 m. M

pseudosclerantha Chiov. = **E. patentipilosa**

pusilla Hack. = **Diandrochloa pusilla**

pygmaea De Winter
Annual. Graminoid. Ht up to 0.07 m. Alt 20–600 m. N

racemosa (Thunb.) Steud.
E. chalcantha Trin. (1)
Perennial. Graminoid. Ht up to 0.8 m. Alt 12–2800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

remotiflora De Winter
Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 200–1700 m. LIM, NW, M, FS, NC, EC

rigidior Pilg.
Perennial. Graminoid. Ht up to 1 m. Alt 90–1700 m. N, B, LIM, NW, G, M, S, KZN, NC

robusta Stent = **E. curvula**

rogersii C.E.Hubb.
Annual. Graminoid. Ht up to 0.4 m. Alt 600–900 m. B

rotifer Rendle
E. margaritacea Stapf (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 100–1900 m. N, B, LIM, NW, G, M, S, KZN, NC, WC

sabinae Launert
Perennial. Graminoid. Ht 0.09–0.15 m. Alt 600–1800 m. N

sabulosa (Steud.) Schweick.
Perennial. Graminoid. Ht 0.06–0.15 m. Alt 3–6 m. WC

sarmentosa (Thunb.) Trin.
Perennial. Graminoid. Ht 0.1–0.4 m. Alt 1–1000 m. N, B, LIM, M, FS, KZN, NC, WC

sclerantha Nees subsp. **sclerantha**
Perennial. Graminoid. Ht 0.2–0.7 m. Alt 45–2200 m. LIM, G, M, S, FS, KZN, L

sclerantha Nees subsp. **villosipes** (Jedwabn.) Launert
E. sclerantha Nees var. *villosipes* (Jedwabn.) De Winter (8)
Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1200 m. N, LIM

sclerantha Nees var. *villosipes* (Jedwabn.) De Winter = **E. sclerantha** subsp. **villosipes**

scopelophila Pilg.
Perennial. Shrub, graminoid. Ht up to 1 m. Alt 1200–2000 m. N

spinosa (L.f.) Trin. = **Cladoraphis spinosa**

stapfii De Winter
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 1000–1800 m. N, B, LIM, NW, G, M, FS

stenothyrsa Pilg.
Perennial. Graminoid. Ht up to 0.5 m. Alt 1000–1200 m. N

subglandulosa Cope
Annual. Graminoid. Ht up to 0.35 m. Alt ± 1000 m. N, B

superba Peyr.
Perennial. Graminoid. Ht up to 1 m. Alt 50–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

***tef** (Zucc.) Trotter
E. abyssinica (Jacq.) Link (1)
Annual. Graminoid. Ht 0.07–0.6 m. Alt 5–1900 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

tenella (L.) Roem. & Schult. = **E. amabilis**

tenuifolia (A.Rich.) Steud.
Perennial or annual. Graminoid. Ht up to 0.4 m. Alt 5–1200 m. LIM, M, S, FS, KZN, EC

trichophora Coss. & Durieu
E. atherstonei Stapf (7)
E. henrardii Jansen (7)
Perennial. Graminoid. Ht 0.15–0.6 m. Alt 50–2000 m. N, B, LIM, NW, G, S, FS, KZN, NC

truncata Hack.
Perennial. Graminoid. Ht 0.15–0.4 m. Alt 500–1500 m. N, B, NW, FS, NC

uniglumis Hack. = **E. hierniana**

vacillans Rendle, misapplied name = **E. venustula**

venustula Launert ex Cope
E. vacillans Rendle, misapplied name (8)
Annual. Graminoid. Ht up to 0.35 m. Alt 300–600 m. N

virescens* J.Presl & C.Presl = **E. mexicana subsp. **virescens**

viscosa (Retz.) Trin.
Annual. Graminoid. Ht 0.1–0.5 m. Alt 400–2000 m. N, B, LIM, NW, G, M, S, FS, NC

volkensii Pilg.
Perennial. Graminoid. Ht/length up to 1.2 m. Alt 900–1200 m. M

walteri Pilg.
Perennial. Graminoid. Erect or floating, up to 1.14 m. Alt 10–1500 m. N

ERIOCHLOA Kunth 9901020

(1) Gibbs Russell. 1981. *Bothalia* 13: 457.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 2): 568–573.
(3) Clayton. 1989. *FZ* 10,3: 84–87.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 164, 165.

borumensis Hack. = **E. meyeriana** subsp. **meyeriana**

borumensis in sense of Stapf, not of Hack. = **E. stapfiana**

fatmensis (Hochst. & Steud.) Clayton
E. nubica (Steud.) Hack. & Stapf ex Thell. (2)
Annual. Graminoid. Ht up to 1.2 m. Alt 900–1500 m. N, B, LIM, NW, G, M, FS, NC

macclounii Stapf
Annual. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. B

meyeriana (Nees) Pilg. subsp. **grandiglumis** (Stent & J.M.Rattray) Gibbs Russ.
Panicum meyerianum Nees var. *grandeglume* Stent & J.M.Rattray (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 20–500 m. LIM, KZN

meyeriana (Nees) Pilg. subsp. **meyeriana**
E. borumensis Hack (2)
Panicum meyerianum Nees var. *meyerianum* (4)
Perennial. Graminoid. Ht up to 1.5 m. Alt 2–1400 m. B, LIM, M, S, KZN

nubica (Steud.) Hack. & Stapf ex Thell. = **E. fatmensis**

parvispiculata C.E.Hubb.
Perennial. Graminoid. Ht up to 1.3 m. Alt 30–600 m. M, KZN

stapfiana Clayton
E. borumensis in sense of Stapf, not of Hack. (2)
Perennial. Graminoid. Ht up to 1.7 m. Alt 2–1400 m. LIM, M, S, KZN

ERIOCHRYSIS P.Beauv. 9900420

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 706, 707.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 165, 166.

brachypogon (Stapf) Stapf
E. brachypogon (Stapf) Stapf subsp. *australis* J.G.Anderson (1)
Perennial. Graminoid. Ht up to 1 m. Alt 1400–2200 m. LIM, M, S

brachypogon (Stapf) Stapf subsp. *australis* J.G.Anderson = **E. brachypogon**

pallida Munro
Perennial. Graminoid. Ht up to 0.9 m. Alt 10–2200 m. B, LIM, G, M, S, KZN, EC

EULALIA Kunth 9900530

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 711–715.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 166, 167.

aurea (Bory) Kunth
E. geniculata Stapf (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1100 m. N, B, LIM

geniculata Stapf = **E. aurea**

villosa (Thunb.) Nees
Perennial. Graminoid. Ht up to 1.4 m. Alt 5–2100 m. LIM, M, S, KZN, EC

EUSTACHYS Desv. 9903020

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 167, 168.
(2) Cope. 1999. *FZ* 10,2: 214, 215.

paspaloides (Vahl) Lanza & Mattei
Perennial. Graminoid. Ht up to 0.95 m. Alt 30–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

FESTUCA L. 9904170

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 53–58.
(2) Clayton. 1985. *Kew Bulletin* 40: 727, 728.
(3) Linder. 1986. *Bothalia* 16: 59–61.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 168–171.
(5) Kerguélen *et al.* 1993. *Lejeunia* 142: 6.
(6) Darbyshire. 1993. *Novon* 3: 239–243.
(7) Soreng & Terrell. 1997. *Phylogia* 83: 85–88.

africana (Hack.) Clayton
Pseudobromus africanus (Hack.) Stapf (2)
Pseudobromus silvaticus K.Schum. (2)
Perennial. Graminoid. Ht up to 1.6 m. Alt 200–1800 m. LIM, M, KZN, WC, EC

***arundinacea** Schreb.
F. elatior L. (5)
Perennial. Graminoid. Ht up to 2 m. Alt 60–2500 m. FS, KZN?, WC, EC

caprina Nees
F. caprina Nees var. *irrasa* Stapf (4)
F. caprina Nees var. *macra* Stapf (4)
Perennial. Graminoid. Ht up to 1 m. Alt 600–3000 m. NW, G, M, S, FS, KZN, L, EC

caprina Nees var. *irrasa* Stapf = **F. caprina**

caprina Nees var. *macra* Stapf = **F. caprina**

costata Nees
F. costata Nees var. *longiligulata* J.G.Anderson (4)
F. costata Nees var. *longiseta* Nees (4)
Perennial. Graminoid. Ht up to 1.7 m. Alt 500–3000 m. LIM, M, S, FS, KZN, L, EC

costata Nees var. *longiligulata* J.G.Anderson = **F. costata**

costata Nees var. *longiseta* Nees = **F. costata**

dracomontana H.P.Linder
Perennial. Graminoid. Ht 0.5–0.8 m. Alt 1500–2000 m. LIM, G, L

elatior* L. = **F. arundinacea

killickii Kenn.-O'Byrne
Perennial. Graminoid. Ht 0.5–0.95 m. Alt 2000–3000 m. KZN

longipes Stapf
Perennial. Graminoid. Ht 0.3–0.75 m. Alt 15–1700 m. M, FS, L, EC

scabra Vahl
Perennial. Graminoid. Ht up to 1 m. Alt 8–3000 m. LIM, G, M, S, FS, KZN, L, NC, WC, EC

vulpioides Steud.
Perennial. Graminoid. Ht up to 1 m. Alt 1800–2000 m. EC

FINGERHUTHIA Nees 9903710

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 206, 207.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 171.

africana Lehm.
Perennial, occ. annual. Graminoid. Ht up to 0.91 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

sesleriiformis Nees
Perennial. Graminoid. Ht up to 1.2 m. Alt 200–2800 m. NW, G, M, FS, KZN, L, NC, WC, EC

*GASTRIDIUM P.Beauv. 9902480

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 172.
(2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 195.

phleoides (Nees & Meyen) C.E.Hubb.
Annual. Graminoid. Ht 0.1–0.6 m. Alt 100–800 m. WC

GAZOCHLOA J.B.Phipps 9901772

scopulorum J.B.Phipps = **Danthoniopsis scopulorum**

HACKELOCHLOA Kuntze 9900220

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 523.
(2) Veldkamp *et al.* 1986. *Blumea* 31: 294, 295.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 172, 173.

granularis (L.) Kuntze
Annual. Graminoid. Ht up to 1 m. Alt 600–1400 m. B, M

*HAINARDIA Greuter 9904423

Note: formerly known as *Monerma* which is an illegitimate/superflous name for *Lepturus* (1).
(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 111.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 173, 174.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 169.

cylindrica (Willd.) Greuter
Monerma cylindrica of author, not of (Willd.) Coss. & Durieu (2)
Annual. Graminoid. Ht 0.05–0.35 m. Alt 30–400 m. WC, EC

HARPOCHLOA Kunth 9902980

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 191, 192.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 174, 175.

falx (L.f.) Kuntze
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 30–3200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

HELICTOTRICHON Besser 9901970

(1) Schweickerdt. 1939. *Bothalia* 3: 185–198.
(2) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 76–80.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 175–177.

barbatum (Nees) Schweick.
Perennial. Graminoid. Ht 0.6–0.8 m. Alt 1000–1500 m. NC

capense Schweick.
Perennial. Graminoid. Ht up to 1 m. Alt 20–2195 m. WC, EC

dodii (Stapf) Schweick.
Perennial. Graminoid. Ht up to 1 m. Alt 25–200 m. FS, WC

galpinii Schweick.
Perennial. Graminoid. Ht up to 0.6 m. Alt 2000–3000 m. KZN, L, EC

hirtulum (Steud.) Schweick.
Perennial. Graminoid. Ht up to 1 m. Alt 50–3000 m. M, FS, KZN, L, EC

leoninum (Steud.) Schweick.
Perennial. Graminoid. Ht 0.15–0.65 m. Alt 10–500 m. WC

longifolium (Nees) Schweick.
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 1500–2900 m. M, FS, KZN, L, WC, EC

longum (Stapf) Schweick.
Perennial. Graminoid. Ht up to 1.6 m. Alt 20–700 m. NC, WC

namaquense Schweick.
Perennial. Graminoid. Ht 0.25–0.45 m. Alt 1600–1700 m. NC

natalense (Stapf) Schweick.
Perennial. Graminoid. Ht 0.4–0.8 m. Alt 700–2000 m. M, KZN

quinquesetum (Steud.) Schweick.
Perennial. Graminoid. Ht 0.5–0.75 m. Alt 900–1050 m. M, WC

turgidulum (Stapf) Schweick.
Perennial. Graminoid. Ht up to 1 m. Alt 200–3200 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

HEMARTHRIA R.Br. 9900210

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 519.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 851–853.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 178.

altissima (Poir.) Stapf & C.E.Hubb.
H. fasciculata (Lam.) Kunth (2)
Rottboellia compressa L.f. var. *fasciculata* (Lam.) Hack. (2)
Perennial. Graminoid. Ht up to 2.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fasciculata (Lam.) Kunth = **H. altissima**

HETEROCARPHA Stapf 9902861

schiemanniana Schweick. = **Brachychloa schiemanniana**

HETEROPOGON Pers. 9900800

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 156.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 825–829.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 178, 179.

contortus (L.) Roem. & Schult.
Perennial. Graminoid. Ht up to 1 m. Alt 5–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

melanocarpus (Elliot) Benth.
Annual. Graminoid. Ht up to 2 m. Alt 300–1400 m. N, B, LIM

HOLCUS L. 9901920

(1) Tutin. 1980. *Flora europaea* 5: 230.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 180.

***lanatus** L.
Perennial. Graminoid. Ht up to 1 m. Alt 100–2200 m. LIM, G, M, KZN, WC, EC

setiger Nees
Annual. Graminoid. Ht up to 0.3 m. Alt 25–1600 m. NC, WC

HORDEUM L. 9904510

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 71–73.
(2) Von Bothmer *et al.* 1980. *Botaniska Notiser* 133: 546–550.
(3) Löve. 1984. *Feddes Repertorium* 95: 425–521.
(4) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 209–279.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 180–182.
(6) Baum & Bailey. 1990. *Canadian Journal of Botany* 68: 2433–2442.
(7) Sell & Murrell.1996. *Flora of Great Britain and Ireland* 5: 216–219.

capense Thunb.
H. nodosum L., misapplied name (1)
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 6–2500 m. NW, FS, L, NC, WC, EC

compressum Griseb. = **H. stenostachys**

***geniculatum** All.
H. marinum Huds. subsp. *gussoneanum* (Parl.) Thell. (7)
Annual. Graminoid. Ht 0.15–0.4 m. Alt 800–1600 m. NC, WC, EC

***jubatum** L.
Perennial, short-lived. Graminoid. Ht up to 0.6 m. Alt 2000–2500 m. L

marinum* Huds. subsp. *gussoneanum* (Parl.) Thell. = **H. geniculatum

***murinum** L. subsp. **glaucum** (Steud.) Tzvelev
Annual. Graminoid. Ht 0.15–0.4 m. Alt 2–2000 m. KZN, NC, WC, EC

***murinum** L. subsp. **leporinum** (Link) Arcang.
Annual. Graminoid. Ht 0.15–0.4 m. Alt 5–1400 m. NC, WC, EC

***murinum** L. subsp. **murinum**
Annual. Graminoid. Ht up to 0.5 m. Alt 1–1200 m. L, NC, WC, EC

nodosum L., misapplied name = **H. capense**

***stenostachys** Godr.
H. compressum Griseb. (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 1500–1900 m. FS, EC

HYPARRHENIA E.Fourn. 9900730

(1) Clayton. 1969. *Kew Bulletin*, Additional Series 2: 1–196.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 788–819.
(3) Gibbs Russell. 1982. *The Flowering Plants of Africa* 47: t. 1842.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 182–188.

altissima Stapf = **H. rufa** var. **rufa**

anamesa Clayton
Perennial. Graminoid. Ht up to 1.2 m. Alt 5–2800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

aucta (Stapf) Stapf ex Stent = **H. dregeana**

buchanani (Stapf) Stapf ex Stent = **H. poecilotricha**

collina (Pilg.) Stapf
Perennial. Graminoid. Ht up to 1.3 m. Alt 1200–1600 m. M, KZN

cymbaria (L.) Stapf
Perennial. Graminoid. Ht up to 4 m. Alt 3–1600 m. LIM, G, M, S, KZN, EC

dichroa (Steud.) Stapf
H. fastigiata Robyns (2)
Perennial. Graminoid. Ht 1–3 m. Alt 250–1300 m. N, B, LIM, M, S, FS, KZN

dissoluta (Nees) C.E.Hubb. = **Hyperthelia dissoluta**

dregeana (Nees) Stapf ex Stent
H. aucta (Stapf) Stapf ex Stent (1)
H. pilosissima (Hack.) J.G.Anderson (1)
Perennial. Graminoid. Ht up to 2 m. Alt 400–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

fastigiata Robyns = **H. dichroa**

filipendula (Hochst.) Stapf var. **filipendula**
Perennial. Graminoid. Ht up to 2 m. Alt 10–1400 m. N, B, LIM, NW, M, S, KZN, EC

filipendula (Hochst.) Stapf var. **pilosa** (Hochst.) Stapf
Perennial. Graminoid. Ht up to 2 m. Alt 1–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

finitima (Hochst.) Andersson ex Stapf
Perennial. Graminoid. Ht up to 2 m. Alt up to 1300 m. N, LIM, M

gazensis (Rendle) Stapf
Perennial. Graminoid. Ht up to 1.8 m. Alt 5–2200 m. LIM, M, KZN

glauca Stent = **H. tamba**

hirta (L.) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 5–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

newtonii (Hack.) Stapf var. **macra** Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 1200–1400 m. M, S

newtonii (Hack.) Stapf var. **newtonii**
Perennial. Graminoid. Ht up to 1 m. Alt 1200–1600 m. LIM, S

nyassae (Rendle) Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1800 m. B, LIM, NW, M

pilgerana C.E.Hubb.
Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1300 m. KZN

pilosissima (Hack.) J.G.Anderson = **H. dregeana**

poecilotricha (Hack.) Stapf
H. buchanani (Stapf) Stapf ex Stent (1)
Perennial. Graminoid. Ht up to 1.3 m. Alt 600–1300 m. N, LIM, NW, S, KZN

quarrei Robyns
Perennial. Graminoid. Ht up to 2 m. Alt 50–1900 m. N, LIM, NW, M, FS, KZN, EC

rudis Stapf
Perennial. Graminoid. Ht 1–3 m. Alt 900–1900 m. B, LIM, G, M, KZN

rufa (Nees) Stapf var. **rufa**
H. altissima Stapf (1)
Perennial. Graminoid. Ht up to 2.5 m. Alt 400–1220 m. N, B, LIM, M, S

schimperi (A.Rich.) Stapf
Perennial. Graminoid. Ht 1–4 m. Alt 190–1500 m. LIM, NW, M, KZN, WC

tamba (Steud.) Stapf
H. glauca Stent (1)
Perennial. Graminoid. Ht up to 3 m. Alt 150–1900 m. LIM, NW, G, M, S, FS, KZN, L

umbrosa (Hochst.) Andersson ex Clayton
Perennial. Graminoid. Ht 1.5–2 m. Alt 600–1400 m. M, KZN

variabilis Stapf
Perennial. Graminoid. Ht up to 3 m. Alt 800–1500 m. LIM, M, S, KZN

HYPERTHELIA Clayton 9900731

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part): 786–788.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 188, 189.

dissoluta (Nees ex Steud.) Clayton
Hyparrhenia dissoluta (Nees) C.E.Hubb. (1)
Perennial. Graminoid. Ht 1–3 m. Alt 15–1600 m. N, B, LIM, NW, G, M, S, KZN

HYPOGYNIUM Nees 9900700

schlechteri (Hack.) Pilg. = **Andropogon festuciformis**

IMPERATA Cirillo 9900370

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 700–702.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 189, 190.

cylindrica (L.) Raeusch.
I. cylindrica (L.) Raeusch. var. *africana* (Andersson) C.E.Hubb. (1)
I. cylindrica (L.) Raeusch. var. *major* (Nees) C.E.Hubb. (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 4–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cylindrica (L.) Raeusch. var. *africana* (Andersson) C.E.Hubb. = **I. cylindrica**

cylindrica (L.) Raeusch. var. *major* (Nees) C.E.Hubb. = **I. cylindrica**

ISCHAEMUM L. 9900100

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 746–749.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 190, 191.

afrum (J.F.Gmel.) Dandy
I. brachyatherum (Hochst.) Fenzl ex Hack. (1)
I. glaucostachyum Stapf (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 30–1700 m. N, B, LIM, NW, G, M, S, KZN

arcuatum (Nees) Stapf = **I. fasciculatum**

brachyatherum (Hochst.) Hack. = **I. afrum**

fasciculatum Brongn.
I. arcuatum (Nees) Stapf (1)
Perennial. Graminoid. Ht up to 1.25 m. Alt 2–2000 m. N, B, LIM, NW, G, M, S, KZN, EC

franksae J.M.Wood = **Phacelurus franksiae**

glaucostachyum Stapf = **I. afrum**

KAOKOCHLOA De Winter 9903611

(1) De Winter. 1961. *Bothalia* 7: 479, 480.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 191, 192.

nigrirostris De Winter
Annual. Graminoid. Ht 0.2–0.6 m. Alt 600–1000 m. N

KARROOCHLOA Conert & Türpe 9902044

(1) Conert & Türpe. 1969. *Senckenbergiana Biologica* 50: 289–318.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 192, 193.

curva (Nees) Conert & Türpe
Danthonia curva Nees (1)
Perennial. Graminoid. Ht up to 0.4 m. Alt 10–2500 m. FS?, WC, EC

purpurea (L.f.) Conert & Türpe
Danthonia purpurea (Thunb.) P.Beauv. ex Roem. & Schult. (1)
Perennial. Graminoid. Ht up to 0.22 m. Alt 20–3000 m. FS, KZN, L, NC, WC, EC

schismoides (Stapf ex Conert) Conert & Türpe
Annual. Graminoid. Ht 0.05–0.15 m. Alt 20–1000 m. N, NC, WC

tenella (Nees) Conert & Türpe
Danthonia tenella Nees (1)
Annual. Graminoid. Ht 0.04–0.25 m. Alt 100–1500 m. NC, WC

KOELERIA Pers. 9903740

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 79–81.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 193, 194.

capensis (Steud.) Nees
K. cristata (L.) Pers. var. *brevifolia* (Nees) C.E.Hubb. (1)
K. cristata (L.) Pers. var. *convoluta* (Steud.) C.E.Hubb. (1)
K. cristata of author, not of (L.) Pers. var. *cristata*, concept invalid (1)
Perennial. Graminoid. Ht 0.15–0.8 m. Alt 15–3500 m. LIM, G, M, S, FS, KZN, L, WC, EC

cristata (L.) Pers. var. *brevifolia* (Nees) C.E.Hubb. = **K. capensis**

cristata (L.) Pers. var. *convoluta* (Steud.) C.E.Hubb. = **K. capensis**

cristata of author, not of (L.) Pers. var. *cristata*, concept invalid = **K. capensis**

phleoides (Vill.) Pers. = **Lophochloa cristata**

***LAGURUS** L. 9902610

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 96.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 195, 196.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 195.

ovatus L.
Annual. Graminoid. Ht up to 0.6 m. Alt 5–1300 m. G, WC, EC

***LAMARCKIA** Moench 9903720

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 61.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 195.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 155, 156.

aurea (L.) Moench
Annual. Graminoid. Ht 0.1–0.3 m. Alt 10–900 m. WC

LASIOCHLOA Kunth 9903990

echinata (Thunb.) Adamson = **Tribolium echinatum**
longifolia (Schrad.) Kunth = **Tribolium hispidum**
obtusifolia Nees = **Tribolium obtusifolium**
utriculosa Nees = **Tribolium utriculosum**

LEERSIA Sw. 9901590

(1) Launert. 1967. *Senckenbergiana Biologica* 46: 129–148.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 24–28.
(3) Launert. 1971. *FZ* 10,1: 26–31.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 196, 197.

denudata Launert
Perennial. Graminoid. Ht up to 0.7 m. Alt 1300–1800 m. NW, KZN, EC

friesii Melderis
Perennial. Graminoid. Ht up to 0.8 m. Alt 600–1100 m. B

hexandra Sw.
Perennial. Graminoid. Ht up to 1.25 m. Alt 100–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

tisserantii (A.Chev.) Launert
Annual or perennial. Graminoid. Ht 0.05–0.6 m. Alt 600–1000 m. N, B

LEPTOCARYDION Stapf 9903430

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 294–296.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 197, 198.
(3) Cope. 1999. *FZ* 10,2: 41–43.

vulpiastrum (De Not.) Stapf
Annual. Graminoid. Ht up to 1.07 m. Alt 70–1200 m. N, B, LIM, M, S, KZN

LEPTOCHLOA P.Beauv. 9903330

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 118–121. [partly under *Diplachne*]
(2) Phillips. 1982. *Kew Bulletin* 37: 142–144.
(3) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 209, 210.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 116–118, 198, 199.
(5) Snow. 1998. *Novon* 8: 77–80.
(6) Snow & Davidse. 1998. *Taxon* 47: 157–159.
(7) Cope. 1999. *FZ* 10,2: 23–29.

chinensis (L.) Nees
Perennial. Graminoid. Ht up to 0.82 m. Alt 200–1200 m. B, LIM, S, KZN

eleusine (Nees) Cope & N.Snow
Diplachne eleusine Nees (5)
Perennial. Graminoid. Ht up to 1.27 m. Alt 100–1700 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

fusca (L.) Kunth
Diplachne fusca (L.) P.Beauv. ex Roem. & Schult. (7)
Diplachne malabarica (L.) Merr. in sense of Adamson (1)
Perennial. Graminoid. Ht up to 1.55 m. Alt 2–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

gigantea (Launert) Cope & N.Snow
Diplachne gigantea Launert (5)
Perennial. Graminoid. Ht 1.5–2.7 m. Alt 600–1000 m. B

panicea (Retz.) Ohwi
Annual. Graminoid. Ht up to 1.2 m. Alt 60–300 m. N, LIM, M, S, KZN

uniflora A.Rich.
Craspedorhachis uniflora (Hochst. ex A.Rich.) Chippind. (7)
Annual. Graminoid. Ht 0.3–0.61 m. Alt 75–500 m. N, B, LIM, KZN

LEPTURUS R.Br. 9904420

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 199, 200.
(2) Cope. 1999. *FZ* 10,2: 202–204.

repens (G.Forst.) R.Br.
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 2–10 m. KZN

LEUCOPHRYS Rendle 9901030

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 379, 380.
(2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 283 (under *Brachiaria*).
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 200, 201.

mesocoma (Nees) Rendle
Perennial. Graminoid. Ht up to 1 m. Alt 500–1300 m. N, NC

LINTONIA Stapf 9902020

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 302–304.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 201.

nutans Stapf
Perennial. Graminoid. Ht up to 0.9 m. Alt 120–1200 m. B, LIM, M, S, KZN

*LOLIUM L. 9904330

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 58, 59.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 201, 202.
(3) Loos. 1993. *Plant Systematics and Evolution* 188: 87–99.
(4) Darbyshire. 1993. *Novon* 3: 239–243.
(5) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 150–152.

loliaceum (Bory & Chaub.) Hand.-Mazz. = **L. rigidum**

multiflorum Lam.
Short-lived perennial or annual. Graminoid. Ht 0.2–0.8 m. Alt 35–2400 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

multiflorum Lam. × **L. perenne** L.
Short-lived perennial or annual. Graminoid. Ht up to 1 m. Alt 5–2200 m. NW, FS, KZN, L, WC, EC

perenne L.
Perennial. Graminoid. Ht up to 0.9 m. Alt 60–2300 m. G, M, FS, KZN, L, NC, WC, EC

rigidum Gaudin
L. loliaceum (Bory & Chaub.) Hand.-Mazz. (2)
Annual. Graminoid. Ht 0.1–0.5 m. Alt 2–1000 m. N, NW, KZN, NC, WC, EC

temulentum L.
Annual. Graminoid. Ht up to 0.9 m. Alt 100–1400 m. NW, G, M, FS, KZN, L, NC, WC, EC

LOPHACME Stapf 9903520

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 127, 128.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 203, 204.
(3) Cope. 1999. *FZ* 10,2: 39–41.

digitata Stapf
Perennial. Graminoid. Ht 0.17–0.57 m. Alt 900–1500 m. LIM, G, M, FS, KZN

*LOPHOCHLOA Rchb. 9903741

(1) Jonsell. 1980. *Flora europaea* 5: 220.
(2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 128 (under *Rostraria*).
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 204, 205.

cristata (L.) Hyl.
Koeleria phleoides (Vill.) Pers. (1)
Annual. Graminoid. Ht 0.05–0.4 m. Alt 5–600 m. NC, WC, EC

pumila (Desf.) Bor
Trisetaria pumila (Desf.) Maire (3)
Trisetum pumilum (Desf.) Kunth (1)
Annual. Graminoid. Ht 0.04–0.4 m. Alt 30–1100 m. NC, WC

LOUDETIA Hochst. ex Steud. 9901751

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 279–285.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 205–207.
(3) Cope. 1999. *FZ* 10,2: 216–220.

anomala C.E.Hubb. & Schweick. = **Danthoniopsis ramosa**

densispica (Rendle) C.E.Hubb.
Perennial. Graminoid. Ht up to 0.9 m. Alt 800–1800 m. M, S

filifolia Schweick.
Perennial. Graminoid. Ht up to 0.6 m. Alt 150–400 m. LIM, M, S

flavida (Stapf) C.E.Hubb.
Perennial. Graminoid. Ht up to 1.5 m. Alt 400–2000 m. B, LIM, NW, G, M, KZN

lanata (Stent & J.M.Rattray) C.E.Hubb.
Perennial. Graminoid. Ht up to 1 m. Alt ± 1000 m. N

pedicellata (Stent) Chippind.
Perennial. Graminoid. Ht up to 1.6 m. Alt ?–1400 m. LIM, NW

ramosa (Stapf) C.E.Hubb. = **Danthoniopsis ramosa**

simplex (Nees) C.E.Hubb.
Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2300 m. LIM, NW, G, M, S, FS, KZN, EC

superba De Not. = **Tristachya superba**

MEGALOPROTACHNE C.E.Hubb. 9900881

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 422, 423.
(2) Roivainen. 1974. *Annales Botanici Fennici* 11: 38–42.
(3) Clayton. 1989. *FZ* 10,3: 130–133.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 207, 208.

albescens C.E.Hubb.
M. glabrescens Roiv. (3)
Annual. Graminoid. Ht 0.5–0.8 m. Alt 100–1100 m. N, B, LIM, NW, NC

glabrescens Roiv. = **M. albescens**

MEGASTACHYA P.Beauv. 9903881

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 161–163.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 208.

mucronata (Poir.) P.Beauv.
Annual or weak perennial. Graminoid. Ht up to 0.9 m. Alt 6–800 m. KZN

MELICA L. 9903860

(1) Gibbs Russell & Ellis. 1982. *Bothalia* 14: 37–44.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 209, 210.

bolusii Stapf = **M. racemosa**

brevifolia Stapf = **M. racemosa**

decumbens in sense of Gordon-Gray, not of Thunb., misapplied name = **M. racemosa**

decumbens Thunb.
M. neesii Stapf (1)
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 500–2000 m. FS, L, NC, WC, EC

neesii Stapf = **M. decumbens**

ovalis Nees = **M. racemosa**

pumila Stapf = **M. racemosa**

racemosa Thunb.
M. bolusii Stapf (1)
M. brevifolia Stapf (1)
M. decumbens in sense of Gordon-Gray, not of Thunb., misapplied name (1)
M. ovalis Nees (1)
M. pumila Stapf (1)
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 5–1500 m. G?, M, FS, KZN, L, NC, WC, EC

MELINIS P.Beauv. 9901340

(1) Chippindall. 1943. *The Flowering Plants of South Africa* 23: t. 914.
(2) Zizka. 1988. *Bibliotheca Botanica* 138: 1–149.
(3) Zizka. 1989. *FZ* 10,3: 113–128.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 210–213.
(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 260, 261.

ambigua Hack. subsp. **ambigua**
Perennial. Graminoid. Ht up to 1.5 m. Alt 1600–2000 m. N?

drakensbergensis (C.E.Hubb. & Schweick.) Clayton
Rhynchelytrum drakensbergense C.E.Hubb. & Schweick. (2)
Perennial. Graminoid. Ht 0.5–0.55 m. Alt 1800–2000 m. M

kallimorpha (Clayton) Zizka
Rhynchelytrum kallimorphon Clayton (2)
Annual, occ. perennial. Graminoid. Ht up to 1 m. Alt 900–1200 m. N, B

longiseta (A.Rich.) Zizka subsp. **bellespicata** (Rendle) Zizka
Rhynchelytrum bellespicatum (Rendle) Stapf & C.E.Hubb. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 900–2000 m. N, B, LIM, M

longiseta (A.Rich.) Zizka subsp. **longiseta**
Rhynchelytrum longisetum (A.Rich.) Stapf & C.E.Hubb. (2)
Rhynchelytrum minutiflorum (Rendle) Stapf & C.E.Hubb. var. *melinoides* (Stent) Stapf & C.E.Hubb. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 800–1000 m. N

macrochaeta Stapf & C.E.Hubb.
Annual, occ. perennial. Graminoid. Ht up to 1.5 m. Alt 900–1400 m. LIM, S, KZN

minutiflora P.Beauv.
M. tenuinervis (Stapf) Stapf (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 400–1600 m. LIM, M, S, KZN

nerviglumis (Franch.) Zizka
Rhynchelytrum nerviglume (Franch.) Chiov. (2)
Rhynchelytrum nyassanum (Mez) Stapf & C.E.Hubb. (2)
Rhynchelytrum ramosum Stapf & C.E.Hubb. (2)
Rhynchelytrum rhodesianum (Rendle) Stapf & C.E.Hubb. (2)
Rhynchelytrum setifolium (Stapf) Chiov. (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

repens (Willd.) Zizka subsp. **grandiflora** (Hochst.) Zizka
Rhynchelytrum brevipilum (Hack.) Chiov. (2)
Rhynchelytrum costatum Stapf & C.E.Hubb. (2)
Rhynchelytrum grandiflorum Hochst. (2)
Rhynchelytrum suberostratum Stapf & C.E.Hubb. (2)
Rhynchelytrum villosum (Parl.) Chiov. (2)

Annual, occ. perennial. Graminoid. Ht up to 0.9 m. Alt 200–2600 m. N, B, LIM, NW, G, FS, NC, WC?, EC

repens (Willd.) Zizka subsp. **repens**
Rhynchelytrum repens (Willd.) C.E.Hubb. (2)
Annual, occ. perennial. Graminoid. Ht up to 1.5 m. Alt 30–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

scabrida (K.Schum.) Hack.
Rhynchelytrum scabridum (K.Schum.) Chiov. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 900–2000 m. LIM

subglabra Mez
Rhynchelytrum subglabrum (Mez) Stapf & C.E.Hubb. (2)
Perennial. Graminoid. Ht up to 1.3 m. Alt 900–1200 m. N?, M

tenuinervis (Stapf) Stapf = **M. minutiflora**

tenuissima Stapf
Perennial. Graminoid. Ht up to 1.4 m. Alt 600–900 m. LIM

MERXMUELLERA Conert 9902043

(1) Conert. 1970. *Senckenbergiana Biologica* 51: 129–133.
(2) Conert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 306.
(3) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 198, 199.
(4) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 175 (included in *Rytidosperma* Steud.).
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 213–218.
(6) Barker & Ellis. 1991. *Bothalia* 21: 27–34.
(7) Barker. 1999. *South African Journal of Botany* 65: 104–109.
(8) Cope. 1999. *FZ* 10,2: 7–9 (as *Rytidosperma*).

arundinacea (P.J.Bergius) Conert
Danthonia arundinacea (P.J.Bergius) Schweick. (1)
Perennial. Graminoid. Ht 1–1.2 m. Alt 200–1200 m. NC, WC, EC

aureocephala (J.G.Anderson) Conert
Danthonia aureocephala J.G.Anderson (1)
Perennial. Graminoid. Ht up to 0.9 m. Alt 2000–2800 m. KZN

cincta (Nees) Conert subsp. **cincta**
Danthonia cincta Nees in part (1)
Perennial. Graminoid. Ht 1–2 m. Alt 5–1200 m. WC, EC

cincta (Nees) Conert subsp. **sericea** N.P.Barker
Danthonia cincta Nees in part (1)
Perennial. Graminoid. Ht up to 2.5 m. Alt 25–400 m. EC

davyi (C.E.Hubb.) Conert
Danthonia davyi C.E.Hubb. (1)
Perennial. Graminoid. Ht up to 1 m. Alt 1700–1800 m. M

decora (Nees) Conert
Danthonia zeyheriana Steud. var. *trichostachya* Stapf (2)
Danthonia zeyheriana Steud. var. *zeyheriana* (2)
Perennial. Graminoid. Ht 0.25–0.7 m. Alt 5–1500 m. WC

disticha (Nees) Conert
Danthonia disticha Nees (1)
Perennial. Graminoid. Ht up to 0.7 m. Alt 120–3300 m. FS, KZN, L, WC, EC

drakensbergensis (Schweick.) Conert
Danthonia drakensbergensis Schweick. (1)
Perennial. Graminoid. Ht up to 1 m. Alt 2400–3500 m. M, FS, KZN, L, EC

dura (Stapf) Conert
Danthonia dura Stapf (1)
Perennial. Graminoid. Ht 0.6–0.9 m. Alt 700–100 m. NC

guillarmodiae Conert
Perennial. Graminoid. Ht 0.12–0.4 m. Alt 1800–3100 m. FS, KZN, L

lupulina (Thunb.) Conert
Danthonia lupulina (Thunb.) P.Beauv. ex Roem. & Schult. (2)
Perennial. Graminoid. Ht up to 0.4 m. Alt 20–700 m. WC

macowanii (Stapf) Conert
Danthonia macowanii Stapf (1)
Perennial. Graminoid. Ht up to 1.3 m. Alt 700–2700 m. M, FS, KZN, L, EC

papposa (Nees) Conert
Danthonia papposa Nees (1)
Perennial. Graminoid. Ht up to 0.5 m. Alt 200–600 m. WC, EC

rangei (Pilg.) Conert
Danthonia rangei Pilg. (1)
Perennial. Graminoid. Ht 0.12–0.3 m. Alt 800–1400 m. N

rufa (Nees) Conert
Danthonia lanata (Schrad.) Schrad. (2)
Danthonia lanata (Schrad.) Schrad. var. *major* Nees (2)
Danthonia macrocephala Stapf (2)
Perennial. Graminoid. Ht up to 0.4 m. Alt 60–2200 m. WC

setacea N.P.Barker
Perennial. Graminoid. Ht up to 0.8 m. Alt 300–1400 m. WC

stereophylla (J.G.Anderson) Conert
Danthonia stereophylla J.G.Anderson (1)
Perennial. Graminoid. Ht up to 0.8 m. Alt 1800–3100 m. M, FS, KZN, L

stricta (Schrad.) Conert
Danthonia stricta Schrad. (1)
Perennial. Graminoid. Ht 0.3–0.8 m. Alt 5–3300 m. N, KZN, L, NC, WC, EC

MICROCHLOA R.Br. 9902940

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 218, 219.
(2) Cope. 1999. *FZ* 10,2: 229–233.

caffra Nees
Perennial. Graminoid. Ht up to 0.5 m. Alt 60–2900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

indica (L.f.) P.Beauv.
M. setacea R.Br. (1)
Annual. Graminoid. Ht up to 0.2 m. Alt 600–1500 m. N, B

kunthii Desv.
Perennial. Graminoid. Ht up to 0.6 m. Alt 200–2000 m. N, B, LIM, NW, G, M, S?, FS, KZN, NC, EC

setacea R.Br. = **M. indica**

*MICROLAENA R.Br. 9901610

(1) Chapman. 1991. *Australian Flora and Fauna* series 14: 1998.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 219, 220.

stipoides (Labill.) R.Br.
Ehrharta stipoides Labill. (1)
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 1200–1400 m. KZN

MICROSTEGIUM Nees 9900550

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 715–718.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 220.

capense (Hochst.) A.Camus = **M. nudum**

nudum (Trin.) A.Camus
M. capense (Hochst.) A.Camus (1)
Annual. Graminoid. Trailing up to 0.6 m. Alt 150–1400 m. LIM, M, KZN, WC?, EC

MISCANTHIDIUM Stapf 9900400

capensis Nees var. *capensis* = **Miscanthus capensis**
capensis Nees var. *villosa* Stapf = **Miscanthus capensis**
erectum Stent = **Miscanthus capensis**
junceum (Stapf) Stapf = **Miscanthus junceus**
sorghum Stent = **Miscanthus capensis**
teretifolium (Stapf) Stapf = **Miscanthus junceus**

MISCANTHUS Andersson 9900380

(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 332.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 221.

capensis (Nees) Andersson
Miscanthidium capensis Nees var. *capensis* (2)
Miscanthidium capensis Nees var. *villosa* Stapf (2)
Miscanthidium erectum Stent (2)
Miscanthidium sorghum Stent (2)
Perennial. Graminoid. Ht up to 2.4 m. Alt 50–2500 m. S?, FS, KZN, L, NC, EC

junceus (Stapf) Pilg.
Miscanthidium junceum (Stapf) Stapf (2)
Miscanthidium teretifolium (Stapf) Stapf (2)
Perennial. Graminoid. Ht up to 1.8 m. Alt 75–1800 m. N, B, LIM, NW, G, M, S, KZN, EC

MONELYTRUM Hack. ex Schinz 9902750

(1) Launert. 1970. *FSWA* 160: 131, 132.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 222.

annuum Gooss. = **M. luederitzianum**

luederitzianum Hack.
M. annuum Gooss. (1)
Annual or perennial. Graminoid. Ht 0.5–0.8 m. Alt 50–2000 m. N

MONERMA of author 9904422

Note: this genus name is an illegitimate/ superfluous name for *Lepturus* and was wrongly applied for this taxon.

cylindrica of author, not of (Willd.) Coss. & Durieu = **Hainardia cylindrica**

MONOCYMBIUM Stapf 9900750

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 515, 516.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 823–825.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 222, 223.

ceresiiforme (Nees) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 30–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

MOSDENIA Stent 9902741

(1) Clayton. 1971. *Kew Bulletin* 25: 250, 251.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 223, 224.

leptostachys (Ficalho & Hiern) Clayton
M. phleoides (Hack.) Stent (1)
Perennial. Graminoid. Ht 0.35–0.9 m. Alt 700–1300 m. LIM, NW, G, M

phleoides (Hack.) Stent = **M. leptostachys**

*NASSELLA (Trin.) E.Desv. 9902650

(1) Caro. 1966. *Kurtziana* 3: 7–119.
(2) Barkworth. 1990. *Taxon* 39: 597–614.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 224, 225.

neesiana (Trin. & Rupr.) Barkworth
Stipa neesiana Trin. & Rupr. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 600–1700 m. FS, EC

tenuissima (Trin.) Barkworth
Stipa tenuissima Trin. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 2000–2600 m. EC

trichotoma (Nees) Hack. ex Arechav.
Stipa trichotoma Nees (2)
Perennial. Graminoid. Ht 0.25–0.65 m. Alt 100–1600 m. WC, EC

ODONTELYTRUM Hack. 9901430

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 668.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 225.

abyssinicum Hack.
Perennial. Graminoid. Ht up to 1 m. Alt 1700–1900 m. M, KZN?

ODYSSEA Stapf 9903451

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 286–288.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 225, 226.

paucinervis (Nees) Stapf
Diplachne cinerea Hack. (1)
Perennial. Graminoid. Ht up to 0.75 m. Alt 1–1500 m. N, B, LIM, NW, NC, WC

*?OLYRA L. 9901660

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 453.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 226, 227.

latifolia L.
Perennial. Graminoid, erect or scrambler. Ht up to 5 m. Alt 10–500 m. KZN, EC

OPLISMENUS P.Beauv. 9901150

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 541–544.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 227, 228.

burmannii (Retz.) P.Beauv.
Annual. Graminoid. Trailing up to 0.25 m. Alt 900–1000 m. N, B, LIM

hirtellus (L.) P.Beauv.
Perennial. Graminoid. Trailing up to 1 m. Alt 10–1600 m. LIM, NW, M, S, KZN, WC, EC

undulatifolius (Ard.) Roem. & Schult.
Perennial. Graminoid. Trailing, 0.15–0.5 m. Alt 15–2200 m. B, LIM, M, S, KZN, WC, EC

OROPETIUM Trin. 9903200

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 306, 307.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 228, 229.
(3) Cope. 1999. *FZ* 10,2: 32–34.

capense Stapf
Perennial. Graminoid. Ht 0.02–0.17 m. Alt 90–2500 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

ORYZA L. 9901580

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 28–31.
(2) Launert. 1971. *FZ* 10,1: 31–36.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 229, 230.

barthii A.Chev.
Annual. Graminoid. Ht up to 1.5 m. Alt 900–1000 m. B

barthii of author, not of A.Chev., concept invalid = **O. longistaminata**

longistaminata A.Chev. & Roehr.
O. barthii of author, not of A.Chev., concept invalid (1)
Perennial. Graminoid. Ht up to 2.5 m. Alt 900–1100 m. N, B, LIM

punctata Steud.
Annual or perennial. Graminoid. Ht up to 1.5 m. Alt 75–300 m. S, KZN

ORYZIDIUM C.E.Hubb. & Schweick. 9901142

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 425, 426.
(2) Launert. 1970. *FSWA* 160: 134, 135.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 230.

barnardii C.E.Hubb. & Schweick.
Perennial. Graminoid. Ht or floating, up to 1.5 m. N, B

OXYRHACHIS Pilg. 9900341

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 855, 856.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 231, 232.

gracillima (Baker) C.E.Hubb.
Perennial. Graminoid. Ht up to 0.6 m. Alt 50–100 m. KZN, EC

OXYTENANTHERA Munro 9904770

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 11–13.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 232.

abyssinica (A.Rich.) Munro
Perennial. Graminoid. Ht up to 10 m. Alt ± 1400 m. LIM
Note: there is some disagreement on the identification but until the plant flowers, positive identification cannot be made.

PANICUM L. 9901160

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 321–339.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 461–499.
(3) Webster. 1987. *The Australian Paniceae (Poaceae)*: 241, 242.
(4) Renvoize. 1989. *FZ* 10,3: 9–40.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 233–243.
(6) Smook & Ellis. 1993. *Bothalia* 23: 59–64.
(7) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 265–268.

aequinerve Nees
Annual or short-lived perennial. Graminoid, scrambler. Ht up to 1 m. Alt 60–1900 m. LIM, M, S, KZN, EC

aphanoneurum Steud. = **P. fluviicola**

arbusculum Mez
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 600–1100 m. N, NC

arcurameum Stapf
Annual. Graminoid. Ht 0.15–0.6 m. Alt 600–1500 m. N, B, LIM, G, NC

atrosanguineum A.Rich.
Annual. Graminoid. Ht 0.1–0.4 m. Alt 600–1000 m. B

bechuanense Bremek. & Oberm.
Perennial. Graminoid. Ht up to 0.7 m. Alt 600–1100 m. N, B

chusqueoides Hack. = **Brachiaria chusqueoides**

coloratum L. var. **coloratum**
P. coloratum L. var. *makarikariense* Gooss. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 4–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

coloratum L. var. *makarikariense* Gooss. = **P. coloratum** var. **coloratum**

comorense Mez
Annual. Graminoid. Ht or trailing up to 1.1 m. Alt 300–600 m. S

deustum Thunb.
Perennial. Graminoid. Ht up to 2.5 m. Alt 5–2400 m. B, LIM, G, M, S, FS, KZN, WC, EC

dewinteri J.G.Anderson
Perennial. Graminoid. Ht up to 1 m. Alt 400–1900 m. LIM

dregeanum Nees
Perennial. Graminoid. Ht up to 1.3 m. Alt 5–1700 m. B, LIM, M, S, KZN, EC

ecklonii Nees
Perennial. Graminoid. Ht up to 0.8 m. Alt 30–2500 m. LIM, M, S, FS, KZN, L, EC

filiculme Schinz = **P. hymeniochilum**

fluviicola Steud.
P. aphanoneurum Steud. (4)
Perennial. Graminoid. Ht up to 2.3 m. Alt 50–1000 m. N, B, KZN

fulgens Stapf, misapplied name = **P. natalense**

funaense Vanderyst
Perennial. Graminoid. Ht 0.4–2 m. Alt 600–1100 m. B

genuflexum Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 45–60 m. KZN

gilvum Launert
P. laevifolium Hack. var. *contractum* Pilg. (5)
Annual. Graminoid. Ht up to 0.8 m. Alt 200–1900 m. N, B, LIM, NC

glabrescens Steud. = **P. subalbidum**

glandulopaniculatum Renvoize
Annual. Graminoid. Trailing or scrambler up to 1 m. Alt 2–100 m. KZN

graniflorum Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt ± 1000 m. B

heterostachyum Hack.
Annual. Graminoid. Ht up to 0.8 m. Alt 55–1400 m. N, B, LIM, M

hians Elliott = **Steinchisma hians**

hymeniochilum Nees
P. filiculme Schinz (4)
P. hymeniochilum Nees var. *glandulosum* Nees (2)
Annual. Graminoid. Ht up to 2 m. Alt 5–1600 m. B, LIM, M, S, KZN, EC

hymeniochilum Nees var. *glandulosum* Nees = **P. hymeniochilum**

impeditum Launert
Annual. Graminoid. Ht 0.2–0.5 m. Alt 800–1300 m. N, FS, NC

infestum Peters
Perennial. Graminoid. Ht up to 2 m. Alt 90–1000 m. LIM, M, S, KZN

kalaharense Mez
Perennial. Graminoid. Ht up to 2.5 m. Alt 300–1400 m. N, B, NW, FS, NC

laevifolium Hack. var. *contractum* Pilg. = **P. gilvum**

laevifolium Hack. var. *laevifolium* = **P. schinzii**

lanipes Mez
Perennial. Graminoid. Ht up to 0.8 m. Alt 600–1950 m. N, B, NC

laticomum Nees
Annual. Graminoid. Ht (erect) or scrambler up to 2 m. Alt 5–1600 m. LIM, S, KZN, EC

madripirense Mez
Annual. Graminoid. Ht up to 1.2 m. Alt ± 1000 m. B

maximum Jacq.
Perennial. Graminoid. Ht up to 2.5 m. Alt 20–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

meyerianum Nees var. *grandeglume* Stent & J.M.Rattray = **Eriochloa meyeriana** subsp. **grandiglumis**

meyerianum Nees var. *meyerianum* = **Eriochloa meyeriana** subsp. **meyeriana**

***miliaceum** L.
Annual. Graminoid. Ht up to 0.12 m. Alt 600–1500 m. B, LIM, NW, G, L

monticola Hook.f.
Perennial. Graminoid. Ht up to 1 m. Alt 900–1400 m. LIM

natalense Hochst.
P. fulgens Stapf, misapplied name (5)
Perennial. Graminoid. Ht up to 0.8 m. Alt 2–2200 m. LIM, NW, G, M, S, FS, KZN, EC

novemnerve Stapf
Annual. Graminoid. Ht 0.25–0.6 m. Alt 600–1500 m. N, B, LIM, KZN, WC

obumbratum Stapf = **Brachiaria chusqueoides**

parvifolium Lam.
Perennial. Graminoid, erect or scrambler. Ht up to 1.7 m. Alt 1–1100 m. B, KZN, EC

pilgerianum (Schweick.) Clayton
Acroceras pilgerianum Schweick. (4)
Psilochloa pilgeriana (Schweick.) Launert (4)
Annual. Graminoid. Ht up to 2 m. Alt 600–1500 m. N, B

porphyrrhizos Steud.
Perennial. Graminoid. Ht up to 2 m. Alt 600–1000 m. B

repens L.
Perennial. Graminoid. Ht up to 1 m. Alt 1–1700 m. N, B, LIM, NW, G, M, KZN, WC, EC

repentellum Napper
Perennial. Graminoid. Ht 0.2–0.9 m. Alt 600–1500 m. N, B, LIM, G, M, FS

schinzii Hack.
P. laevifolium Hack. var. *laevifolium* (5)
Annual. Graminoid. Ht up to 0.9 m. Alt 200–2300 m. N?, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

simulans Smook
Annual. Graminoid. Ht 0.01–1.2 m. Alt 600–1500 m. N

stapfianum Fourc.
Perennial. Graminoid. Ht up to 0.9 m. Alt 100–1700 m. N, B, LIM, NW, G, FS, L, NC, WC, EC

subalbidum Kunth
P. glabrescens Steud. (4)
Annual or short-lived perennial. Graminoid. Ht up to 2 m. Alt 4–1500 m. N, B, LIM, G, M, S, KZN, L, WC, EC

subflabellatum Stapf
Perennial. Graminoid. Ht 0.2–0.5 m. Alt 2–1200 m. KZN

trichonode Launert & Renvoize
Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. N, B

volutans J.G.Anderson
Annual. Graminoid. Ht up to 0.75 m. Alt 900–1600 m. LIM, NW, G, M, KZN

*PARAPHOLIS C.E.Hubb. 9904431

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 73.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 243.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 168, 169.

incurva (L.) C.E.Hubb.
Annual. Graminoid. Ht 0.06–0.3 m. Alt 5–900 m. NC, WC, EC

PARATHERIA Griseb. 9901420

(1) Launert. 1970. *FSWA* 160: 143.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 243, 244.

prostrata Griseb.
Perennial. Graminoid. Ht 0.15–0.45 m. Alt 800–1000 m. N

PASPALIDIUM Stapf 9901090

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 365–367.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 551–554.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 244, 245.
(4) Veldkamp. 1994. *Blumea* 39: 373–384.
(5) Webster. 1995. *Sida* 16: 439–446.

geminatum (Forssk.) Stapf
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 300–1200 m. N, KZN?

obtusifolium (Delile) N.D.Simpson
P. platyrrhachis C.E.Hubb. (2)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 50–1200 m. N, B, LIM, KZN

platyrrhachis C.E.Hubb. = **P. obtusifolium**

PASPALUM L. 9901070

(1) De Winter & Vorster. 1974. *Bothalia* 11: 295.
(2) Clayton & Renvoize. 1980. *Taxon* 29: 339, 340.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 607–612.
(4) Brummitt. 1983. *Taxon* 32: 281.
(5) Clayton. 1989. *FZ* 10,3: 88–91.
(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 245–247.

auriculatum J.Presl & C.Presl = **P. scrobiculatum**

commersonii Lam. = **P. scrobiculatum**

***dilatatum** Poir.
Perennial. Graminoid. Ht 0.3–1.8 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

distichum L.
P. paspalodes (Michx.) Scribn. (5)
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 1–1815 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***notatum** Flüggé
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 600–1800 m. LIM, G, S, KZN, L, WC

orbiculare G.Forst. = **P. scrobiculatum**

paspalodes (Michx.) Scribn. = **P. distichum**

polystachyum R.Br. = **P. scrobiculatum**

scrobiculatum L.
P. auriculatum J.Presl & C.Presl (5)
P. commersonii Lam. (3)
P. orbiculare G.Forst. (3)
P. polystachyum R.Br. (32)
Perennial. Graminoid. Ht up to 0.7 m. Alt 8–2000 m. N, B, LIM, NW?, G, M, S, FS, KZN, NC, WC, EC

***urvillei** Steud.
Perennial. Graminoid. Ht up to 2.5 m. Alt 10–2000 m. LIM, NW, G, M, S, KZN, WC, EC

vaginatum Sw.
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 1–1700 m. N, KZN, WC, EC

PENNISETUM Rich. 9901390

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 439–448.
(2) Brunken. 1977. *American Journal of Botany* 64: 161–176.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 672–690.
(4) Clayton. 1989. *FZ* 10,3: 178–186.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 247–250.
(6) Henderson. 2001. *Alien weeds and invasive plants*: 15–17.

albicauda Stapf & C.E.Hubb. = **P. glaucum**

americanum (L.) Leeke subsp. *americanum* = **P. glaucum**

***clandestinum** Hochst. ex Chiov.
Perennial. Graminoid, often mat-forming. Ht up to 1.2 m. Alt 100–1700 m. N, LIM, NW, G, M, S, KZN, WC, EC

echinurus (K.Schum.) Stapf & C.E.Hubb. = **P. glaucum**

foermerianum Leeke
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 500–2000 m. N

glaucocladum Stapf & C.E.Hubb.
Perennial. Graminoid. Ht 1–3 m. Alt 300–1200 m. N, B, LIM, KZN

***glaucum** (L.) R.Br.
P. albicauda Stapf & C.E.Hubb. (5)
P. americanum (L.) Leeke subsp. *americanum* (5)
P. echinurus (K.Schum.) Stapf & C.E.Hubb. (5)
P. nigritarum (Schltdl.) T.Durand & Schinz (5)
P. typhoides (Burm.f.) Stapf & C.E.Hubb. (4)
Setaria lutescens (Weigel) F.T.Hubb. (4)
Annual. Graminoid. Ht up to 3 m. Alt 5–1200 m. N, B, LIM, G, M, KZN

macrourum Trin.
Perennial. Graminoid. Ht 0.8–2.5 m. Alt 9–2100 m. LIM, NW?, G, M, S, KZN, L, NC?, WC, EC

mezianum Leeke
P. stapfianum F.Bolus (5)
Perennial. Graminoid. Ht up to 0.6 m. Alt 900–1500 m. N, LIM

natalense Stapf
Perennial. Graminoid. Ht up to 2 m. Alt 200–1600 m. LIM, M, S, KZN

nigritarum (Schltdl.) T.Durand & Schinz = **P. glaucum**

***purpureum** Schumach.
Perennial. Graminoid. Ht up to 7.5 m. Alt 100–900 m. LIM, G, M, S, KZN, WC

***setaceum** (Forssk.) Chiov.
Perennial. Graminoid. Ht up to 1.3 m. Alt 16–1500 m. N, LIM, G, M, FS, KZN, WC, EC

sphacelatum (Nees) T.Durand & Schinz
P. sphacelatum (Nees) T.Durand & Schinz var. *sphacelatum* (5)
P. sphacelatum (Nees) T.Durand & Schinz var. *tenuifolium* (Hack.) Stapf (5)
Perennial. Graminoid. Ht up to 1 m. Alt 40–3000 m. G, M, S, FS, KZN, L, WC, EC

sphacelatum (Nees) T.Durand & Schinz var. *sphacelatum* = **P. sphacelatum**

sphacelatum (Nees) T.Durand & Schinz var. *tenuifolium* (Hack.) Stapf = **P. sphacelatum**

stapfianum F.Bolus = **P. mezianum**

thunbergii Kunth
Perennial. Graminoid. Ht up to 0.8 m. Alt 25–2600 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

typhoides (Burm.f.) Stapf & C.E.Hubb. = **P. glaucum**

unisetum (Nees) Benth.
Beckeropsis uniseta (Nees) K.Schum. (3)
Perennial. Graminoid. Ht up to 4 m. Alt 50–1400 m. M, KZN

***villosum** R.Br. ex Fresen.
Perennial. Graminoid. Ht 0.2–0.9 m. Alt 600–1700 m. G, M, FS, KZN, L, NC, EC

PENTAMERIS P.Beauv. 9902080

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 251–253.
(2) Barker. 1993. *Bothalia* 23: 25–47.

distichophylla (Lehm.) Nees
P. dregeana Stapf (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 150–2000 m. NC, WC, EC

dregeana Stapf = **P. distichophylla**

glacialis N.P.Barker
Perennial. Graminoid. Ht up to 0.55 m. Alt ± 1800 m. WC

hirtiglumis N.P.Barker
Perennial. Graminoid. Ht 0.2–0.75 m. Alt ± 1550 m. WC

longiglumis (Nees) Stapf subsp. **gymnocolea** N.P.Barker
Perennial. Graminoid. Ht up to 1.4 m. Alt 500–810 m. WC

longiglumis (Nees) Stapf subsp. **longiglumis**
Perennial. Graminoid. Ht up to 1.4 m. Alt 300–500 m. WC

macrocalycina (Steud.) Schweick.
Perennial. Graminoid. Ht up to 1.1 m. Alt 30–2300 m. NC?, WC, EC

obtusifolia (Hochst.) Schweick. = **Pseudopentameris obtusifolia**

oreophila N.P.Barker
Perennial. Graminoid. Ht up to 0.6 m. Alt ± 1830 m. WC

squarrosa Stapf = **Pseudopentameris obtusifolia**

swartbergensis N.P.Barker
Perennial. Graminoid. Ht up to 0.56 m. Alt 1500–2000 m. WC, EC

thuarii P.Beauv.
Perennial. Graminoid. Ht up to 1.65 m. Alt 5–1600 m. WC

uniflora N.P.Barker
Perennial. Graminoid. Ht up to 0.65 m. Alt 1200–1300 m. WC

PENTASCHISTIS (Nees) Spach 9902050

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 254–270.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 253–265.

(3) Linder & Ellis. 1990. *Contributions from the Bolus Herbarium* 12: 1–124.
(4) Linder. 1991. *The Flowering Plants of Africa* 51: tt. 2038, 2039.

acinosa Stapf
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 45–1600 m. WC

airoides (Nees) Stapf subsp. **airoides**
P. patula (Nees) Stapf var. *glabrata* Stapf (3)
Annual. Graminoid. Ht 0.06–0.35 m. Alt 60–2200 m. N, FS, L, NC, WC, EC

airoides (Nees) Stapf subsp. **jugorum** (Stapf) H.P.Linder
P. jugorum Stapf (3)
Biennial. Graminoid. Ht 0.06–0.35 m. Alt 1400–2600 m. FS, L, WC, EC

alticola H.P.Linder
Biennial. Graminoid. Ht 0.1–0.3 m. Alt 900–2200 m. WC

ampla (Nees) McClean
Perennial. Graminoid. Ht 0.4–0.7 m. Alt 20–2300 m. NC?, WC, EC

angulata (Nees) Adamson = **P. tortuosa**

angustifolia (Nees) Stapf var. *albescens* Stapf = **P. pallida**

angustifolia (Nees) Stapf var. *angustifolia* = **P. pallida**

angustifolia (Nees) Stapf var. *cirrhulosa* (Nees) Stapf = **P. cirrhulosa**

angustifolia (Nees) Stapf var. *micrathera* (Nees) Stapf = **P. glandulosa**

argentea Stapf
Perennial. Graminoid. Ht 0.3–0.8 m. Alt 5–1220 m. WC

aristidoides (Thunb.) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 15–1400 m. NC, WC

aristifolia Schweick.
Annual. Graminoid. Ht up to 0.25 m. Alt 700–1500 m. NC

aspera (Thunb.) Stapf
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 15–920 m. WC

aurea (Steud.) McClean subsp. **aurea**
Perennial. Graminoid. Ht 0.3–0.45 m. Alt 550–1900 m. WC

aurea (Steud.) McClean subsp. **pilosogluma** (McClean) H.P.Linder
P. pilosogluma McClean (3)
Perennial. Graminoid. Ht 0.6–0.7 m. Alt 1700–2900 m. FS, KZN, L, EC

bachmannii McClean = **P. ecklonii**

barbata (Nees) H.P.Linder subsp. **barbata**
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 5–1220 m. NC?, WC

barbata (Nees) H.P.Linder subsp. **orientalis** H.P.Linder
Perennial. Graminoid. Ht 0.3–0.6 m. Alt ± 50 m. WC

basutorum Stapf
Perennial. Graminoid. Ht 0.5–0.7 m. Alt 2000–2500 m. FS, L, EC

brachyathera Stapf = **P. tomentella**

burchellii Stapf = **P. cirrhulosa**

calcicola H.P.Linder var. **calcicola**
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 60–200 m. WC

calcicola H.P.Linder var. **hirsuta** H.P.Linder
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 100–300 m. WC

capensis (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.35 m. Alt 120–1220 m. WC

capillaris (Thunb.) McClean
Annual. Graminoid. Ht 0.08–0.4 m. Alt 30–700 m. NC, WC

caulescens H.P.Linder
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 500–900 m. WC

chippindalliae H.P.Linder
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 1200–2400 m. LIM, M

cirrhulosa (Nees) H.P.Linder
P. angustifolia (Nees) Stapf var. *cirrhulosa* (Nees) Stapf (3)
P. burchellii Stapf (3)
P. patuliflora Rendle (3)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 15–1700 m. NC, WC

colorata (Steud.) Stapf
P. colorata (Steud.) Stapf var. *polytricha* Stapf (3)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 5–1700 m. WC, EC

colorata (Steud.) Stapf var. *polytricha* Stapf = **P. colorata**

curvifolia (Schrad.) Stapf
Perennial. Graminoid. Ht 0.4–0.5 m. Alt 10–2400 m. NC, WC, EC

densifolia (Nees) Stapf
P. densifolia (Nees) Stapf var. *intricata* Stapf (3)
Perennial. Graminoid. Ht 0.09–0.25 m. Alt 150–2400 m. WC

densifolia (Nees) Stapf var. *intricata* Stapf = **P. densifolia**

ecklonii (Nees) McClean
P. bachmannii McClean (3)
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 90–100 m. WC

elegans (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 50–200 m. WC

eriostoma (Nees) Stapf
P. juncifolia Stapf (3)
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 100–2000 m. NC, WC, EC

euadenia Stapf = **P. patula**

exserta H.P.Linder
Perennial. Graminoid. Ht up to 0.6 m. Alt 1700–2800 m. FS, KZN, L, EC

fibrosa Stapf = **P. tysonii**

filiformis (Nees) Stapf = **P. pallida**

galpinii (Stapf) McClean
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 1800–3400 m. FS, KZN, L, EC

glandulosa (Schrad.) H.P.Linder
P. angustifolia (Nees) Stapf var. *micrathera* (Nees) Stapf (3)
Perennial. Graminoid. Ht 0.1–0.35 m. Alt 100–2100 m. WC, EC

heptamera (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 1–30 m. EC

holciformis (Nees) H.P.Linder
Perennial. Graminoid. Ht 0.4–0.6 m. Alt 400–1220 m. WC

imperfecta Stapf = **P. pallida**

involuta (Steud.) Adamson = **P. pallescens**

jugorum Stapf = **P. airoides** subsp. **jugorum**

juncifolia Stapf = **P. eriostoma**

lima (Nees) Stapf
Perennial. Graminoid. Ht up to 0.45 m. Alt 1100–1500 m. NC

longipes Stapf
Perennial. Graminoid. Ht 0.25–0.7 m. Alt ± 25 m. EC

malouinensis (Steud.) Clayton
P. steudelii (Nees) McClean (3)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 300–1500 m. NC, WC, EC

microphylla (Nees) McClean
Perennial. Graminoid. Ht up to 0.3 m. Alt 1500–2000 m. EC

montana H.P.Linder
Perennial. Graminoid. Ht 0.15–0.2 m. Alt 150–2200 m. NC, WC

natalensis Stapf
Perennial. Graminoid. Ht 0.4–0.8 m. Alt 1200–2200 m. LIM, M, S, KZN, EC

nutans (Nees) Stapf = **P. tortuosa**

oreodoxa Schweick.
Perennial. Graminoid. Ht 0.2–0.5 m. Alt 2500–3100 m. FS, KZN, L, EC

pallescens (Schrad.) Stapf
P. involuta (Steud.) Adamson (3)
P. silvatica Adamson (3)
Perennial. Graminoid. Ht up to 1.2 m. Alt 200–1400 m. WC

pallida (Thunb.) H.P.Linder
P. angustifolia (Nees) Stapf var. *albescens* Stapf (3)
P. angustifolia (Nees) Stapf var. *angustifolia* (3)
P. filiformis (Nees) Stapf (3)
P. imperfecta Stapf (3)
P. thunbergii (Kunth) Stapf var. *brevifolia* Stapf (3)
P. thunbergii (Kunth) Stapf var. *bulbothrix* Stapf (3)
P. thunbergii (Kunth) Stapf var. *ebarbata* Stapf (3)
Perennial. Graminoid. Ht 0.15–0.4 m. Alt 5–2800 m. NC, WC, EC

papillosa (Steud.) H.P.Linder
P. subulifolia Stapf (3)
P. zeyheri Stapf (3)
Perennial. Graminoid. Ht up to 0.4 m. Alt 10–600 m. WC

patula (Nees) Stapf
P. euadenia Stapf (3)
P. patula (Nees) Stapf var. *acuta* Stapf (3)
Annual. Graminoid. Ht 0.15–0.3 m. Alt 100–1700 m. NC, WC

patula (Nees) Stapf var. *acuta* Stapf = **P. patula**

patula (Nees) Stapf var. *glabrata* Stapf = **P. airoides** subsp. **airoides**

patuliflora Rendle = **P. cirrhulosa**

pilosogluma McClean = **P. aurea** subsp. **pilosogluma**

praecox H.P.Linder
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 2200–2500 m. L

pseudopallescens H.P.Linder
Perennial. Graminoid. Ht 0.4–0.8 m. Alt 900–1600 m. WC

pungens H.P.Linder
Biennial. Graminoid. Ht 0.2–0.5 m. Alt 200–1600 m. WC

pusilla (Nees) H.P.Linder
Poagrostis pusilla (Nees) Stapf (3)
Perennial. Graminoid. Ht up to 0.12 m. Alt 60–1900 m. WC

pyrophila H.P.Linder
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 400–1900 m. WC

reflexa H.P.Linder
Biennial. Graminoid. Ht 0.1–0.35 m. Alt 500–1200 m. WC

rigidissima Pilg. ex H.P.Linder
Perennial. Graminoid. Ht 0.1–0.3 m. Alt 900–2100 m. NC, WC, EC

rosea H.P.Linder subsp. **purpurascens** H.P.Linder
Biennial. Graminoid. Ht 0.15–0.4 m. Alt 400–2300 m. WC

rosea H.P.Linder subsp. **rosea**
Biennial. Graminoid. Ht 0.15–0.4 m. Alt 1200–1800 m. WC

rupestris (Nees) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 200–1400 m. WC

scandens H.P.Linder
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 50–150 m. WC

setifolia (Thunb.) McClean
Perennial. Graminoid. Ht 0.15–0.4 m. Alt 1000–3100 m. FS, KZN, L, EC

silvatica Adamson = **P. pallescens**

steudelii (Nees) McClean = **P. malouinensis**

subulifolia Stapf = **P. papillosa**

thunbergii (Kunth) Stapf, illegitimate name = **P. triseta**

thunbergii (Kunth) Stapf var. *brevifolia* Stapf = **P. pallida**

thunbergii (Kunth) Stapf var. *bulbothrix* Stapf = **P. pallida**

thunbergii (Kunth) Stapf var. *ebarbata* Stapf = **P. pallida**

tomentella Stapf
P. brachyathera Stapf (3)
Perennial. Graminoid. Ht 0.1–0.3 m. Alt 600–1800 m. NC, WC

tortuosa (Trin.) Stapf
P. angulata (Nees) Adamson (3)
P. nutans (Nees) Stapf (3)
Perennial. Graminoid. Ht up to 1 m. Alt 200–1600 m. WC, EC

triseta (Thunb.) Stapf
P. thunbergii (Kunth) Stapf, illegitimate name (3)
Annual. Graminoid. Ht 0.2–0.6 m. Alt 120–700 m. NC, WC

tysonii Stapf
P. fibrosa Stapf (3)
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 900–2800 m. FS, KZN, EC

velutina H.P.Linder
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 800–900 m. WC

veneta H.P.Linder
Perennial. Graminoid. Ht 0.2–0.4 m. Alt 700–2300 m. NC, WC

viscidula (Nees) Stapf
Perennial. Graminoid, geophyte. Ht 0.2–0.5 m. Alt 100–1700 m. WC

zeyheri Stapf = **P. papillosa**

*PERIBALLIA Trin. 9901870

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 86.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 265.

minuta (L.) Asch. & Graebn.
Annual. Graminoid. Ht 0.03–0.14 m. Alt 300–1000 m. WC

PEROTIS Aiton 9902800

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 394–399.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 265, 266.
(3) Cope. 1999. *FZ* 10,2: 249–253.

leptopus Pilg.
Annual. Graminoid. Ht up to 0.6 m. Alt 600–1700 m. N, B

patens Gand.
Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 15–2800 m. N, B, LIM, NW, G, M, S, FS, KZN

vaginata Hack.
Annual. Graminoid. Ht up to 0.4 m. Alt 300–1200 m. N, B

PHACELURUS Griseb. 9900180

(1) Clayton. 1978. *Kew Bulletin* 33: 175–179.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 266, 267.

franksiae (J.M.Wood) Clayton
Ischaemum franksae J.M.Wood (1)
Perennial. Graminoid. Ht up to 0.6 m. Alt 1500–1800 m. KZN

*PHALARIS L. 9901630

(1) Anderson. 1961. *Iowa State Journal Science* 36: 1–96.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 267–269.
(3) Baldini & Jarvis. 1991. *Taxon* 40: 475–485.
(4) Baldini. 1995. *Webbia* 49: 265–329.

angusta Nees ex Trin.
Annual. Graminoid. Ht up to 1.5 m. Alt 30–1700 m. M, KZN, WC, EC

aquatica L.
P. nodosa Murray (4)
P. tuberosa L. (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 60–1500 m. G, M, FS, WC, EC

arundinacea L.
Perennial. Graminoid. Ht up to 1.5 m. Alt 200–2100 m. G, M, FS, KZN, L, EC

canariensis L.
Annual. Graminoid. Ht 0.3–0.6 m. Alt 10–1700 m. NW, G, M, FS, KZN, L, EC

minor Retz.
Annual. Graminoid. Ht up to 1 m. Alt 3–1300 m. NW, G, M, FS, KZN, NC, WC, EC

nodosa Murray = **P. aquatica**

paradoxa L.
P. paradoxa L. var. *praemorsa* Coss. & Durieu (1)
Annual. Graminoid. Ht up to 1 m. Alt 100–1400 m. NW, G, WC

paradoxa L. var. *praemorsa* Coss. & Durieu = **P. paradoxa**

tuberosa L. = **P. aquatica**

PHRAGMITES Adans. 9902140

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 117–120.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 269, 270.

australis (Cav.) Steud.
P. communis Trin. (1)
Perennial. Graminoid. Ht up to 4 m. Alt 2–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

communis Trin. = **P. australis**

mauritianus Kunth
Perennial. Graminoid. Ht up to 5 m. Alt 6–1600 m. N, B, LIM, NW, G, M, S, FS, KZN

PLAGIOCHLOA Adamson 9904020

acutiflora (Nees) Adamson & Sprague = **Tribolium acutiflorum**

alternans (Nees) Adamson & Sprague = **Tribolium uniolae**

brachystachya (Nees) Adamson & Sprague = **Tribolium brachystachyum**

ciliaris (Stapf) Adamson & Sprague = **Tribolium ciliare**

oblitera (Hemsl.) Adamson & Sprague = **Tribolium obliterum**

uniolae (L.f.) Adamson & Sprague var. *uniolae* = **Tribolium uniolae**

uniolae (L.f.) Adamson & Sprague var. *villosa* (Stapf) Adamson = **Tribolium uniolae**

POA L. 9904070

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 51–53.
(2) Edmondson. 1980. *Flora europaea* 5: 159–167.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 269–271.
(4) Sell & Murrell. 1999. *Flora of Great Britain and Ireland* 5: 159–165.

***annua** L.
Annual. Graminoid. Ht 0.02–0.3 m. Alt 3–2900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

atherstonei Stapf = **P. binata**

bidentata Stapf = **P. pratensis**

binata Nees
P. atherstonei Stapf (3)
P. heterogama Hack. (3)
Perennial. Graminoid. Ht 0.15–0.6 m. Alt 30–3300 m. M, FS, KZN, L, EC

bulbosa L.
P. vivipara (L.) Willd. (3)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 500–1900 m. NC, WC

heterogama Hack. = **P. binata**

leptoclada A.Rich.
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1500–2500 m. KZN, L

***pratensis** L.
P. bidentata Stapf (3)
Perennial. Graminoid. Ht 0.25–0.6 m. Alt 15–2800 m. G, M, FS, KZN, L, WC, EC

***trivialis** L.
Perennial. Graminoid. Ht 0.2–0.9 m. Alt ± 1600 m. G

vivipara (L.) Willd. = **P. bulbosa**

POAGROSTIS Stapf 9901910

pusilla (Nees) Stapf = **Pentaschistis pusilla**

POGONARTHRIA Stapf 9903340

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 272, 273.
(2) Cope. 1999. *FZ* 10,2: 148–152.

fleckii (Hack.) Hack.
Annual. Graminoid. Ht up to 0.45 m. Alt 400–1600 m. N, B

leiarthra Hack.
Annual. Graminoid. Ht 0.2–0.8 m. Alt 1000–1200 m. N

squarrosa (Roem. & Schult.) Pilg.
Perennial, occ. annual. Graminoid. Ht up to 1.4 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC?

POLEVANSIA De Winter 9903101

(1) De Winter. 1966. *Bothalia* 9: 130–134.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 274.

rigida De Winter
Perennial. Graminoid. Ht 0.1–0.41 m. Alt 1800–2800 m. L, EC

POLYPOGON Desf. 9902440

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 102.
(2) Launert. 1970. *FSWA* 160: 154–156.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 274–276.

***monspeliensis** (L.) Desf.
Annual. Graminoid. Ht 0.06–0.5 m. Alt 5–1700 m. N, B, G, FS, KZN, NC, WC, EC

semiverticillatus (Forssk.) Hyl. = **P. viridis**

strictus Nees
Annual. Graminoid. Ht 0.07–0.7 m. Alt 3–1900 m. WC, EC

***viridis** (Gouan) Breistr.
Agrostis semiverticillata (Forssk.) C.Chr. (3)
P. semiverticillatus (Forssk.) Hyl. (3)
Annual. Graminoid. Ht 0.15–0.6 m. Alt 5–1800 m. N, G, S, FS, KZN, NC, WC, EC

POTAMOPHILA R.Br. 9901560

prehensilis (Nees) Benth. = **Prosphytochloa prehensilis**

PRIONANTHIUM Desv. 9901800

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 270, 271.
(2) Davidse. 1988. *Bothalia* 18: 143–153.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 276, 277.

dentatum (L.f.) Henrard
P. rigidum Desv. (2)
Annual. Graminoid. Ht 0.03–0.43 m. Alt 300–700 m. NC, WC

ecklonii (Nees) Stapf
Annual. Graminoid. Ht 0.19–0.4 m. Alt 300–400 m. WC

pholiuroides Stapf
Annual. Graminoid. Ht 0.04–0.25 m. Alt 50–100 m. WC

rigidum Desv. = **P. dentatum**

PROSPHYTOCHLOA Schweick. 9901561

(1) Schweickerdt. 1961. *Der Züchter* 31: 193–195.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 277.

prehensilis (Nees) Schweick.
Potamophila prehensilis (Nees) Benth. (1)
Perennial. Graminoid, climber. Ht up to 10 m. Alt 8–1700 m. LIM, M, S, KZN, EC

PSEUDECHINOLAENA Stapf 9901010

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 365.
(2) Clayton. *FZ* 10,3: 3–6.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 277, 278.

polystachya (Kunth) Stapf
Annual or perennial. Graminoid. Ht up to 0.4 m. Alt 3–800 m. LIM, KZN, EC

PSEUDOBRACHIARIA Launert 9901043

deflexa (Schumach.) Launert = **Brachiaria deflexa**

PSEUDOBROMUS K.Schum. 9904250

africanus (Hack.) Stapf = **Festuca africana**

silvaticus K.Schum. = **Festuca africana**

PSEUDOPENTAMERIS Conert 9902081

(1) Conert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 299–308.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 278, 279.
(3) Barker. 1995. *Bothalia* 25: 141–148.

brachyphylla (Stapf) Conert
Danthonia brachyphylla Stapf (2)
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 60–700 m. WC

caespitosa N.P.Barker
Perennial. Graminoid. Ht up to 1 m. Alt 50–1500 m. WC

macrantha (Schrad.) Conert
Danthonia macrantha Schrad. (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 1–900 m. WC

obtusifolia (Hochst.) N.P.Barker
Pentameris obtusifolia (Hochst.) Schweick. (3)
Pentameris squarrosa Stapf (3)
Perennial. Graminoid, scrambler. Ht up to 0.5 m. Alt 300–900 m. WC

PSILOCHLOA Launert 9901124

pilgeriana (Schweick.) Launert = **Panicum pilgerianum**

PUCCINELLIA Parl. 9904150

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 49, 50.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 279, 280.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 156–158.
(4) Edgar & Connor. 2000. *Flora of New Zealand* 4: 197, 198.

acroxantha C.A.Sm. & C.E.Hubb.
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 1000–1500 m. N, FS, NC

angusta (Nees) C.A.Sm. & C.E.Hubb.
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 100–1300 m. FS, WC, EC

***distans** (L.) Parl.
Perennial. Graminoid. Ht 0.25–0.65 m. Alt 400–1500 m. NC, WC, EC

***fasciculata** (Torr.) E.P.Bicknell
P. fasciculata (Torr.) E.P.Bicknell var. *caespitosa* Allan & Jansen (4)
Perennial. Graminoid. Ht 0.2–0.4 m. Alt 3–1400 m. NC, WC, EC

fasciculata (Torr.) E.P.Bicknell var. *caespitosa* Allan & Jansen = **P. fasciculata**

RENDLIA Chiov. 9902941

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 193, 194.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 281.
(3) Cope. 1999. *FZ* 10,2: 231 (under *Microchloa*).

altera (Rendle) Chiov.
R. nelsonii (Stapf) Chiov. (2)
Perennial. Graminoid. Ht up to 0.5 m. Alt 45–2500 m. LIM, G, M, S, FS, KZN, EC

nelsonii (Stapf) Chiov. = **R. altera**

RHYNCHELYTRUM Nees 9901321

bellespicatum (Rendle) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **bellespicata**

brevipilum (Hack.) Chiov. = **Melinis repens** subsp. **grandiflora**

costatum Stapf & C.E.Hubb. = **Melinis repens** subsp. **grandiflora**

drakensbergense C.E.Hubb. & Schweick. = **Melinis drakensbergensis**

grandiflorum Hochst. = **Melinis repens** subsp. **grandiflora**

kallimorphon Clayton = **Melinis kallimorpha**

longisetum (A.Rich.) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **longiseta**

minutiflorum (Rendle) Stapf & C.E.Hubb. var. *melinoides* (Stent) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **longiseta**

nerviglume (Franch.) Chiov. = **Melinis nerviglumis**

nyassanum (Mez) Stapf & C.E.Hubb. = **Melinis nerviglumis**

ramosum Stapf & C.E.Hubb. = **Melinis nerviglumis**

repens (Willd.) C.E.Hubb. = **Melinis repens** subsp. **repens**

rhodesianum (Rendle) Stapf & C.E.Hubb. = **Melinis nerviglumis**

scabridum (K.Schum.) Chiov. = **Melinis scabrida**

setifolium (Stapf) Chiov. = **Melinis nerviglumis**

suberostratum Stapf & C.E.Hubb. = **Melinis repens** subsp. **grandiflora**

subglabrum (Mez) Stapf & C.E.Hubb. = **Melinis subglabra**

villosum (Parl.) Chiov. = **Melinis repens** subsp. **grandiflora**

RHYTACHNE Desv. 9900340

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 843–845.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 281–283.

latifolia Clayton
Annual. Graminoid. Ht up to 1 m. Alt 50–100 m. KZN

robusta Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 900–1000 m. N

rottboellioides Desv.
Perennial. Graminoid. Ht up to 1 m. Alt 20–300 m. KZN, EC

ROTTBOELLIA L.f. 9900310

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 520–523.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 853–855.
(3) Simon. 1982. *Taxon* 31: 564, 565.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 283.

cochinchinensis (Lour.) Clayton
R. exaltata L.f. (2)
Annual. Graminoid. Ht up to 3 m. Alt 140–1200 m. N, B, LIM, M, S, KZN

compressa L.f. var. *fasciculata* (Lam.) Hack. = **Hemarthria altissima**

exaltata L.f. = **R. cochinchinensis**

SACCIOLEPIS Nash 9901240

(1) Simon. 1972. *Kew Bulletin* 27: 387–406.
(2) Clayton. 1989. *FZ* 10,3: 41–46.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 284–286.

africana C.E.Hubb. & Snowden
Perennial. Graminoid. Ht up to 1.8 m. Alt 20–1200 m. N, B, KZN

auriculata Stapf = **S. indica**

chevalieri Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 1000–1800 m. LIM, NW, G, M, KZN

cinereo-vestita (Pilg.) C.E.Hubb. = **S. typhura**

curvata (L.) Chase
Annual or perennial. Graminoid. Ht 0.2–0.9 m. Alt 5–600 m. LIM, M, S, KZN

glaucescens Stapf = **S. typhura**

huillensis (Rendle) Stapf = **S. spiciformis**

indica (L.) Chase
S. auriculata Stapf (2)
Annual. Graminoid. Ht up to 1 m. Alt 100–1000 m. EC

interrupta (Willd.) Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1000 m. B

rigens (Mez) A.Chev.
Perennial. Graminoid. Ht up to 2 m. Alt 900–1000 m. N

spiciformis (A.Rich.) Stapf
S. huillensis (Rendle) Stapf (2)
Annual or perennial. Graminoid. Ht 0.5–0.8 m. Alt 200–1500 m. N, LIM, KZN

typhura (Stapf) Stapf
S. cinereo-vestita (Pilg.) C.E.Hubb. (2)
S. glaucescens Stapf (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–2200 m. N, B, LIM, M, S

SARTIDIA De Winter 9902622

(1) De Winter. 1965. *Bothalia* 8: 381–389.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 286, 287.

angolensis (C.E.Hubb.) De Winter
Aristida angolensis C.E.Hubb. (1)
Perennial. Graminoid. Ht 1–2 m. Alt 600–2000 m. N

jucunda (Schweick.) De Winter
Aristida jucunda Schweick. (1)
Perennial. Graminoid. Ht up to 1 m. Alt 1200–1800 m. LIM

SCHISMUS P.Beauv. 9904050

(1) Conert & Türpe. 1974. *Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft* 532: 1–81.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 287, 288.

barbatus (Loefl. ex L.) Thell.
Annual. Graminoid. Ht 0.05–0.25 m. Alt 20–1600 m. N, B, FS, L, NC, WC, EC

inermis (Stapf) C.E.Hubb.
Perennial. Graminoid. Ht 0.12–0.4 m. Alt 10–1200 m. WC, EC

pleuropogon Stapf
Perennial. Graminoid. Ht 0.12–0.25 m. Alt 200–300 m. WC

scaberrimus Nees
Perennial. Graminoid. Ht 0.1–0.45 m. Alt 5–1700 m. NC, WC, EC

SCHIZACHYRIUM Nees 9900680

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 502–504.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 754–759.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 288–290.

brevifolium (Sw.) Büse
Annual. Graminoid. Ht up to 0.6 m. Alt 1400–1700 m. LIM, M

exile (Hochst.) Pilg.
S. glabrescens (Rendle) Stapf (2)
S. inclusum Stent (2)
Annual. Graminoid. Ht up to 1 m. Alt 500–1200 m. N, B, LIM, M

glabrescens (Rendle) Stapf = **S. exile**

inclusum Stent = **S. exile**

jeffreysii (Hack.) Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 800–1500 m. N, B, LIM, NW, G, M

rupestre (K.Schum.) Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 80–100 m. KZN

sanguineum (Retz.) Alston
S. semiberbe Nees (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

semiberbe Nees = **S. sanguineum**

ursulus Stapf
Perennial. Graminoid. Ht up to 0.7 m. Alt 1200–1500 m. N, G, M

SCHMIDTIA Steud. ex J.A.Schmidt 9903610

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 231–234.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 165–167.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 290, 291.

bulbosa Stapf = **S. pappophoroides**

kalahariensis Stent, as '*kaliharíensis*' (3)
Annual. Graminoid. Ht up to 1 m. Alt 200–1300 m. N, B, NW, NC, WC

pappophoroides Steud.
S. bulbosa Stapf (2)
Perennial. Graminoid. Ht up to 0.9 m. Alt 25–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

SCHOENEFELDIA Kunth 9902950

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 309–311.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 291.
(3) Cope. 1999. *FZ* 10,2: 243, 244.

transiens (Pilg.) Chiov.
Perennial. Graminoid. Ht up to 1.2 m. Alt 200–300 m. M

SCLEROPOA Griseb. 9904190

rigida (L.) Griseb. = **Catapodium rigidum**

SECALE L. 9904390

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 70.
(2) Hammer *et al.* 1987. *Kulturpflanze* 35: 135–177.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 292.
(4) Frederiksen & Petersen. 1998. *Nordic Journal of Botany* 18: 399–420.

africanum Stapf = **S. strictum** subsp. **africanum**

strictum (C.Presl) C.Presl subsp. **africanum** (Stapf) K.Hammer
S. africanum Stapf (4)
Perennial. Graminoid. Ht up to 1 m. Alt 1400–1900 m. NC

SEHIMA Forssk. 9900130

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 489, 490.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 749–752.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 292, 293.

galpinii Stent
Perennial. Graminoid. Ht up to 1.8 m. Alt 10–1400 m. LIM, G, M, S, KZN

ischaemoides Forssk.
Annual. Graminoid. Ht up to 0.6 m. Alt 300–1500 m. N, B, LIM

SETARIA P.Beauv. 9901280

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 338–355.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 520–541.
(3) Clayton. 1989. *FZ* 10,3: 94–109.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 293–300.
(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 277–279.

acuta Stapf & C.E.Hubb. = **S. megaphylla**

almaspicata de Wit = **S. sphacelata** var. **sericea**

anceps Stapf ex Massey = **S. sphacelata** var. **sericea**

appendiculata (Hack.) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 700–1700 m. N, NC

cana de Wit = **S. sphacelata** var. **sericea**

chevalieri Stapf ex Stapf & C.E.Hubb. = **S. megaphylla**

decipiens de Wit = **S. sphacelata** var. **sphacelata**

eylesii Stapf & C.E.Hubb. = **S. incrassata**

finita Launert
Annual. Graminoid. Ht up to 1 m. Alt 300–1600 m. N

flabellata Stapf = **S. sphacelata** var. **sphacelata**

flabellata Stapf subsp. *natalensis* de Wit = **S. sphacelata** var. **torta**

flabelliformis de Wit = **S. sphacelata** var. **sericea**

***geniculata** (Lam.) P.Beauv.
Perennial. Graminoid. Ht 0.3–0.8 m. Alt 100–400 m. WC

gerrardii Stapf = **S. incrassata**

holstii Herre = **S. incrassata**

homblei De Wild. = **S. sphacelata** var. **torta**

homonyma (Steud.) Chiov.
Annual. Graminoid. Ht up to 1 m. Alt 700–1400 m. N, B, LIM, M, KZN

incrassata (Hochst.) Hack.
S. eylesii Stapf & C.E.Hubb. (3)
S. gerrardii Stapf (3)
S. holstii Herre (3)
S. pabularis Stapf (3)
S. palustris Stapf (3)
S. perberbis de Wit (3)
S. phragmitoides Stapf (3)
S. porphyrantha Stapf (3)
S. rudifolia Stapf (3)
S. woodii Hack. (2)
S. woodii Hack. subsp. *bechuanica* de Wit (2)
S. woodii Hack. var. *fonssalutis* de Wit (2)
Perennial. Graminoid. Ht up to 2 m. Alt 9–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

insignis de Wit = **S. megaphylla**

***italica** (L.) P.Beauv.
Annual. Graminoid. Ht up to 1.5 m. Alt 80–1400 m. LIM, G, M, FS, KZN, WC, EC

lindenbergiana (Nees) Stapf
S. phillipsii de Wit (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 3–1900 m. B, LIM, NW, G, M, FS, NC, EC

lutescens (Weigel) F.T.Hubb. = **Pennisetum glaucum**

megaphylla (Steud.) T.Durand & Schinz
S. acuta Stapf & C.E.Hubb. (2)
S. chevalieri Stapf ex Stapf & C.E.Hubb. (2)
S. insignis de Wit (2)
Perennial. Graminoid. Ht up to 3 m. Alt 4–1600 m. LIM, NW, G, M, S, KZN, WC, EC

neglecta de Wit = **S. sphacelata** var. **sphacelata**

nigrirostris (Nees) T.Durand & Schinz
Perennial. Graminoid. Ht up to 1.2 m. Alt 150–2000 m. LIM, NW, G, M, S, FS, KZN, L, EC

obscura de Wit
Perennial. Graminoid. Ht up to 1 m. Alt 1500–1900 m. KZN

pabularis Stapf = **S. incrassata**

pallide-fusca (Schumach.) Stapf & C.E.Hubb. = **S. pumila**

palustris Stapf = **S. incrassata**

perberbis de Wit = **S. incrassata**

perennis Hack. = **S. sphacelata** var. **sphacelata**

phillipsii de Wit = **S. lindenbergiana**

phragmitoides Stapf = **S. incrassata**

plicatilis (Hochst.) Engl.
Perennial. Graminoid. Ht up to 1.5 m. Alt 30–1600 m. LIM, NW, G, M, S, KZN, EC

porphyrantha Stapf = **S. incrassata**

pseudaristata (Peter) Pilg.
S. tenuiseta de Wit (2)
Perennial. Graminoid. Ht up to 1.1 m. Alt 800–1000 m. N, B

pumila (Poir.) Roem. & Schult.
S. pallide-fusca (Schumach.) Stapf & C.E.Hubb. (3)
S. ustilata de Wit (3)
Annual. Graminoid. Ht 0.3–0.6 m. Alt 400–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rigida Stapf
Perennial. Graminoid. Ht 1–1.8 m. Alt 880–1130 m. M, S, KZN, EC

rudifolia Stapf = **S. incrassata**

sagittifolia (A.Rich.) Walp.
Cymbosetaria sagittifolia (A.Rich.) Schweick. (3)
Annual. Graminoid. Ht 0.12–0.8 m. Alt 25–1000 m. N, B, LIM, M, S, KZN

sphacelata (Schumach.) Moss subsp. *aquamontana* de Wit = **S. sphacelata** var. **sphacelata**

sphacelata (Schumach.) Moss subsp. *nodosa* de Wit = **S. sphacelata** var. **sericea**

sphacelata (Schumach.) Moss subsp. *pyropea* de Wit = **S. sphacelata** var. **sericea**

sphacelata (Schumach.) Moss var. **sericea** (Stapf) Clayton
S. almaspicata de Wit (2)
S. anceps Stapf ex Massey (2)
S. cana de Wit (2)
S. flabelliformis de Wit (2)
S. sphacelata (Schumach.) Moss subsp. *nodosa* de Wit (2)
S. sphacelata (Schumach.) Moss subsp. *pyropea* de Wit (2)
Perennial. Graminoid. Ht 1–2 m. Alt 15–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

sphacelata (Schumach.) Moss var. **sphacelata**
S. decipiens de Wit (2)
S. flabellata Stapf (2)
S. neglecta de Wit (2)
S. perennis Hack. (2)
S. sphacelata (Schumach.) Moss subsp. *aquamontana* de Wit (2)
S. sphacelata (Schumach.) Moss var. *stolonifera* de Wit (2)
S. stenantha Stapf (2)
Perennial. Graminoid. Ht up to 1 m. Alt 10–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

sphacelata (Schumach.) Moss var. **splendida** (Stapf) Clayton
S. splendida Stapf (2)
Perennial. Graminoid. Ht 1.8–3 m. Alt 700–1000 m. N, KZN

sphacelata (Schumach.) Moss var. *stolonifera* de Wit = **S. sphacelata** var. **sphacelata**

sphacelata (Schumach.) Moss var. **torta** (Stapf) Clayton
S. flabellata Stapf subsp. *natalensis* de Wit (2)
S. homblei De Wild. (2)
S. torta Stapf (2)
Perennial. Graminoid. Ht up to 1 m. Alt 5–2300 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

splendida Stapf = **S. sphacelata** var. **splendida**

stenantha Stapf = **S. sphacelata** var. **sphacelata**

tenuiseta de Wit = **S. pseudaristata**

torta Stapf = **S. sphacelata** var. **torta**

ustilata de Wit = **S pumila**

verticillata (L.) P.Beauv.
Annual. Graminoid. Ht up to 1 m. Alt 30–1700 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

woodii Hack. = **S. incrassata**

woodii Hack. subsp. *bechuanica* de Wit = **S. incrassata**

woodii Hack. var. *fonssalutis* de Wit = **S. incrassata**

SORGHASTRUM Nash 9900461

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 436–468.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 731–734.
(3) Hennessy. 1988. *The Flowering Plants of Africa* 50: t. 1963.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 300, 301.

friesii (Pilg.) Pilg.
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1300 m. N, B, LIM, M

rigidifolium (Stapf) Chippind. = **S. stipoides**

stipoides (Kunth) Nash
S. rigidifolium (Stapf) Chippind. (2)
Perennial. Graminoid. Ht 1–2 m. Alt 9–920 m. M, S, KZN

SORGHUM Moench 9900460

(1) De Wet. 1978. *American Journal of Botany* 65: 477–484.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 726–731.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 301, 302.
(4) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 297–301.
(5) Henderson. 2001. *Alien weeds and invasive plants*: 18.

almum Parodi = **S. halepense**

bicolor (L.) Moench subsp. **arundinaceum** (Desv.) de Wet & Harlan
S. verticilliflorum (Steud.) Stapf (3)
Annual or perennial. Graminoid. Ht up to 4 m. Alt 15–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

bicolor (L.) Moench subsp. **drummondii** (Steud.) de Wet
S. sudanense (Piper) Stapf (3)
Annual. Graminoid. Ht up to 3 m. Alt 600–1900 m. N, B, LIM, NW, G, M, FS, EC

***halepense** (L.) Pers.
S. almum Parodi (1)
Perennial. Graminoid. Ht up to 4 m. Alt 15–1400 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

sudanense (Piper) Stapf = **S. bicolor** subsp. **drummondii**

versicolor Andersson
Annual or perennial. Graminoid. Ht up to 2.5 m. Alt 350–1400 m. N, B, LIM, NW, G, M, KZN

verticilliflorum (Steud.) Stapf = **S. bicolor** subsp. **arundinaceum**

SPARTINA Schreb. 9902930

(1) Launert. 1970. *FSWA* 160: 176.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 302, 303.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 232, 233.

capensis Nees = **S. maritima**

maritima (Curtis) Fernald
S. capensis Nees (2)
Perennial. Graminoid. Ht 0.2–0.8 m. Alt 1–100 m. N, WC, EC

*SPHENOPUS Trin. 9903790
(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 303, 304.

divaricatus (Gouan) Rchb.
Annual. Graminoid. Ht 0.07–0.3 m. Alt 2–700 m. NC, WC

SPOROBOLUS R.Br. 9902830
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 209–227.
(2) De Winter & Vorster. 1974. *Bothalia* 11: 295–297.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 304–313.
(4) Veldkamp. 1990. *Kew Bulletin* 45: 581, 582.
(5) Cope. 1999. *FZ* 10,2: 166–198.

acinifolius Stapf
Perennial. Graminoid. Ht 0.15–0.43 m. Alt 200–2000 m. N, B, LIM, NW, NC

africanus (Poir.) Robyns & Tournay
S. capensis (Willd.) Kunth (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

albicans Nees
Perennial. Graminoid. Ht 0.2–0.36 m. Alt 600–1600 m. B, LIM, NW, M, FS, NC, WC, EC

argutus (Nees) Kunth = **S. coromandelianus**

artus Stent = **S. subulatus**

baumianus Pilg. = **S. welwitschii**

bechuanicus Gooss.
Perennial. Graminoid. Ht 0.5–0.8 m. Alt 800–1000 m. B

capensis (Willd.) Kunth = **S. africanus**

centrifugus (Trin.) Nees
S. schlechteri Schweick. (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2800 m. LIM, G, M, S, FS, KZN, L, EC

congoensis Franch.
S. eylesii Stent & J.M.Rattray (3)
S. schlechteri in sense of Chippind., not Schweick., misapplied name (5)
Perennial. Graminoid. Ht 0.38–0.92 m. Alt 600–1800 m. NW, M

conrathii Chiov.
Perennial. Graminoid. Ht 0.2–0.48 m. Alt 300–1700 m. N, LIM, NW, G, M, FS

consimilis Fresen.
S. robustus of Chippind., not of Kunth, concept invalid (3)
Perennial. Graminoid. Ht up to 1.6 m. Alt 5–700 m. N, B, LIM, M, KZN

cordofanus (Steud.) Coss.
Annual. Graminoid. Ht up to 0.6 m. Alt 250–1000 m. B

coromandelianus (Retz.) Kunth
S. argutus (Nees) Kunth (3)
S. pyramidatus (Lam.) Hitchc., misapplied name by Chippind. (3)
Annual. Graminoid. Ht 0.1–0.34 m. Alt 100–1500 m. N, B, FS, NC, EC

discosporus Nees
Annual or perennial. Graminoid. Ht 0.05–0.18 m. Alt 1200–2200 m. NW, G, M, FS, L, NC, EC

engleri Pilg.
Annual. Graminoid. Ht 0.12–0.6 m. Alt 800–1500 m. N, NC

eylesii Stent & J.M.Rattray = **S. congoensis**

festivus A.Rich.
S. festivus A.Rich. var. *fibrosus* Stent (3)
Perennial. Graminoid. Ht 0.1–0.55 m. Alt 300–1600 m. N, B, LIM, NW, G, M, FS?, KZN?

festivus A.Rich. var. *fibrosus* Stent = **S. festivus**

fimbriatus (Trin.) Nees
S. fimbriatus (Trin.) Nees var. *latifolius* Stent (3)
Perennial. Graminoid. Ht up to 1.6 m. Alt 10–2200 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

fimbriatus (Trin.) Nees var. *latifolius* Stent = **S. fimbriatus**

fourcadii Stent
Perennial. Graminoid. Ht 0.25–0.7 m. Alt 600–1220 m. KZN, WC, EC

ioclados (Trin.) Nees
S. ioclados (Trin.) Nees var. *usitatus* (Stent) Chippind. (3)
S. kentrophyllus (K.Schum.) Clayton (5)
S. marginatus Hochst. ex A.Rich. (3)
S. smutsii Stent (3)
S. usitatus Stent (3)
Perennial. Graminoid. Ht up to 1 m. Alt 150–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

ioclados (Trin.) Nees var. *usitatus* (Stent) Chippind. = **S. ioclados**

kentrophyllus (K.Schum.) Clayton = **S. ioclados**

lampranthus Pilg. = **S. nervosus**

ludwigii Hochst.
Perennial. Graminoid. Ht 0.1–0.45 m. Alt 500–1500 m. B, NW, FS, NC, WC, EC

macranthelus Chiov.
Perennial. Graminoid. Ht up to 1.7 m. Alt 300–950 m. N, B

macrothrix Pilg. = **S. welwitschii**

marginatus Hochst. ex A.Rich. = **S. ioclados**

mauritianus of author, not of (Steud.) T.Durand & Schinz, concept invalid = **S. subulatus**

molleri Hack.
Annual. Graminoid. Ht up to 0.36 m. Alt 700–1000 m. LIM

natalensis (Steud.) T.Durand & Schinz
Perennial. Graminoid. Ht up to 1.45 m. Alt 400–1800 m. N, B, LIM, NW, G, M, KZN, WC, EC

nebulosus Hack.
Perennial. Graminoid. Ht up to 0.3 m. Alt 200–1200 m. N, NC

nervosus Hochst.
S. lampranthus Pilg. (3)
S. sladenianus F.Bolus (3)
Perennial. Graminoid. Ht 0.18–0.53 m. Alt 950–1200 m. N, FS, NC

nitens Stent
Perennial. Graminoid. Ht 0.19–0.52 m. Alt 25–1900 m. B, LIM, NW, G, M, S, FS, KZN, EC

panicoides A.Rich.
Annual. Graminoid. Ht 0.19–0.96 m. Alt 300–1500 m. N, B, LIM, G, M

paniculatus (Trin.) T.Durand & Schinz
S. stolzii of author, not of Mez, misapplied name (5)
Annual. Graminoid. Ht up to 0.7 m. Alt 300–1200 m. N, B

pectinatus Hack.
Perennial. Graminoid. Ht 0.24–0.74 m. Alt 200–2000 m. LIM, NW, G, M, KZN, WC

pellucidus Hochst.
Perennial. Graminoid. Ht 0.15–0.64 m. Alt 1000–1200 m. N

pyramidalis P.Beauv.
Perennial. Graminoid. Ht up to 1.6 m. Alt 10–2000 m. N, B, LIM, G, M, S, KZN, EC

pyramidatus (Lam.) Hitchc., misapplied name by Chippind. = **S. coromandelianus**

rangei Pilg.
Perennial. Graminoid. Ht 0.35–0.46 m. Alt 900–1300 m. N, B, LIM, NW, FS, NC

rhodesiensis Stent & J.M.Rattray = **S. sanguineus**

robustus of Chippind., not of Kunth, concept invalid = **S. consimilis**

salsus Mez
Perennial. Graminoid. Ht 0.27–0.7 m. Alt 700–920 m. N, B, LIM

sanguineus Rendle
S. rhodesiensis Stent & J.M.Rattray (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 500–700 m. LIM, M, S

schlechteri in sense of Chippind., not Schweick., misapplied name = **S. congoensis**

schlechteri Schweick. = **S. centrifugus**

sladenianus F.Bolus = **S. nervosus**

smutsii Stent = **S. ioclados**

spicatus (Vahl) Kunth
Perennial. Graminoid. Ht up to 1 m. Alt 5–1000 m. N, B, LIM

stapfianus Gand.
Perennial. Graminoid. Ht 0.15–0.55 m. Alt 90–1700 m. N, B, LIM, NW, G, M, S, KZN, EC

stolzii of author, not of Mez, misapplied name = **S. paniculatus**

subtilis Kunth
Perennial. Graminoid. Ht 0.32–0.6 m. Alt 5–2200 m. LIM, G, M, KZN, EC

subulatus Hack.
S. artus Stent (4)
S. mauritianus of author, not of (Steud.) T.Durand & Schinz, concept invalid (4)
Perennial. Graminoid. Ht up to 0.8 m. Alt 20–1800 m. LIM, M, KZN, EC

tenellus (Spreng.) Kunth
Perennial. Graminoid. Ht up to 0.3 m. Alt 300–1700 m. NC, WC

usitatus Stent = **S. ioclados**

virginicus (L.) Kunth
Perennial. Graminoid. Ht up to 0.77 m. Alt 1–800 m. N, LIM, KZN, NC, WC, EC

welwitschii Rendle
S. baumianus Pilg. (3)
S. macrothrix Pilg. (3)
Perennial. Graminoid. Ht 0.6–0.7 m. Alt 900–1300 m. N, LIM

*STEINCHISMA Raf. 9901166

(1) Zuloaga *et al.* 1998. *Annals of the Missouri Botanical Garden* 85: 647–649.

hians (Elliott) Nash & Small
Panicum hians Elliott (1)
Perennial. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. KZN

STENOTAPHRUM Trin. 9901080

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 367.
(2) Sauer. 1972. *Brittonia* 24: 202–222.
(3) Clayton. 1989. *FZ* 10,3: 111–113.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 314.

dimidiatum (L.) Brongn.
Perennial. Graminoid. Ht 0.06–0.4 m. Alt 50–80 m. KZN, EC

secundatum (H.Walter) Kuntze
Perennial. Graminoid. Ht 0.06–0.4 m. Alt 1–900 m. N, S, KZN, WC, EC

STEREOCHLAENA Hack. 9900910

(1) Clayton. 1989. *FZ* 10,3: 128–130.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 315.

cameronii (Stapf) Pilg.
Perennial. Graminoid. Ht up to 1 m. Alt 850–950 m. B, LIM

STIBURUS Stapf 9904000

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 186.
(2) Phillips. 1982. *Kew Bulletin* 37: 147–149 (as *Eragrostis*).
(3) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 215–217.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 315, 316.
(5) Cope. 1999. *FZ* 10,2: 122–124 (as *Eragrostis*).

alopecuroides (Hack.) Stapf [as *Eragrostis tincta* S.M.Phillips in (5)]
Perennial. Graminoid. Ht up to 0.7 m. Alt 1200–2900 m. LIM, G, M, S, FS, KZN, L, EC

conrathii Hack.
Perennial. Graminoid. Ht up to 0.5 m. Alt 1400–2400 m. G, M, S, FS, KZN, L

STIPA L. 9902630

(1) De Winter. 1965. *Bothalia* 8: 212–219.
(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 114, 115.
(3) Barkworth. 1990. *Taxon* 39: 597–614.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 316–318.
(5) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 13–15.

capensis Thunb.
S. tortilis Desf. (1)
Annual. Graminoid. Ht up to 1 m. Alt 50–1000 m. NC, WC

clandestina Hack. = **Achnatherum clandestinum**

dregeana Steud. var. **dregeana**
Perennial. Graminoid. Ht up to 2 m. Alt 5–1800 m. WC, EC

dregeana Steud. var. **elongata** (Nees) Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 5–1800 m. LIM, NW, G, M, FS, KZN, WC, EC

namaquensis Pilg. = **Stipagrostis anomala**

neesiana Trin. & Rupr. = **Nassella neesiana**

***papposa** Nees
Perennial. Graminoid. Ht up to 0.6 m. Alt 90–100 m. WC

parvula Nees = **Aristida parvula**

tenuissima Trin. = **Nassella tenuissima**

tortilis Desf. = **S. capensis**

trichotoma Nees = **Nassella trichotoma**

***variabilis** Hughes
Perennial. Graminoid. Ht up to 0.7 m. Alt 100–200 m. WC

STIPAGROSTIS Nees 9902611

(1) De Winter. 1965. *Bothalia* 8: 309–380.
(2) De Winter. 1990. *Bothalia* 20: 82–87.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 318–329.

amabilis (Schweick.) De Winter
Aristida amabilis Schweick. (1)
Perennial. Shrub, dwarf shrub, graminoid. Ht 1.5–2 m. Alt 800–1200 m. N, NC

anomala De Winter
Stipa namaquensis Pilg. (1)
Annual or perennial. Graminoid. Ht 0.1–0.6 m. Alt 300–1300 m. N, NC, WC

brevifolia (Nees) De Winter
Aristida brevifolia (Nees) Steud. (1)
Perennial. Shrub, dwarf shrub, graminoid. Ht up to 1 m. Alt 400–1100 m. N, NC

ciliata (Desf.) De Winter var. **capensis** (Trin. & Rupr.) De Winter
Aristida ciliata Desf. (1)
Aristida ciliata Desf. var. *capensis* Trin. & Rupr. (1)
Aristida ciliata Desf. var. *pectinata* Henrard (1)
Aristida ciliata Desf. var. *tricholaena* Hack. (1)
Aristida ciliata Desf. var. *villosa* Hack. (1)
Perennial. Graminoid. Ht up to 1 m. Alt 40–2000 m. N, B, NW, FS, NC, WC, EC

damarensis (Mez) De Winter
Aristida damarensis Mez (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 400–1200 m. N

dinteri (Hack.) De Winter
Aristida dinteri Hack. (1)
Perennial. Graminoid. Ht 0.35–0.4 m. Alt 100–1000 m. N

dregeana Nees
Aristida dregeana (Nees) Trin. & Rupr. (1)
Perennial. Graminoid. Ht up to 0.3 m. Alt 50–120 m. N, NC

fastigiata (Hack.) De Winter
Aristida fastigiata Hack. (1)
Perennial. Shrub, graminoid. Ht 0.3–0.6 m. Alt 800–1000 m. N, NC

garubensis (Pilg.) De Winter
Aristida garubensis Pilg. (1)
Perennial. Shrub, graminoid. Ht up to 0.6 m. Alt 300–1500 m. N

geminifolia Nees
Aristida geminifolia (Nees) Trin. & Rupr. (1)
Perennial. Shrub, graminoid. Ht 0.1–0.25 m. Alt 50–230 m. N, NC

giessii Kers
Perennial. Graminoid. Ht up to 0.8 m. Alt 300–1200 m. N

gonatostachys (Pilg.) De Winter
Aristida gonatostachys Pilg. (1)
Perennial. Graminoid. Ht 0.1–0.2 m. Alt 400–600 m. N

hermannii (Mez) De Winter
Aristida hermannii Mez (1)
Annual. Graminoid. Ht 0.1–0.15 m. Alt 20–500 m. N

hirtigluma (Trin. & Rupr.) De Winter subsp. **hirtigluma**
Aristida hirtigluma Trin. & Rupr. (1)
Annual. Graminoid. Ht 0.4–0.5 m. Alt 500–1300 m. N

hirtigluma (Trin. & Rupr.) De Winter subsp. **patula** (Hack.) De Winter
Aristida gracilior Pilg. var. *gracilior* (1)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 400–2000 m. N, B, LIM, NW, M

hirtigluma (Trin. & Rupr.) De Winter subsp. **pearsonii** (Henrard) De Winter
Aristida gracilior Pilg. var. *pearsonii* Henrard (1)
Annual. Graminoid. Ht 0.05–0.8 m. Alt 700–1200 m. N

hochstetteriana (Beck ex Hack.) De Winter var. **hochstetteriana**
Aristida hochstetteriana Beck ex Hack. (1)
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 580–1200 m. N, NC

hochstetteriana (Beck ex Hack.) De Winter var. **secalina** (Henrard) De Winter
Aristida secalina Henrard (1)
Perennial. Graminoid. Ht 0.25–0.9 m. Alt 60–1200 m. N, NC

lanipes (Mez) De Winter
Aristida lanipes Mez (1)
Perennial. Graminoid. Ht up to 0.6 m. Alt 300–900 m. N

lutescens (Nees) De Winter var. **lutescens**
Aristida lutescens (Nees) Trin. & Rupr. (1)
Perennial. Shrub, graminoid. Ht up to 1 m. Alt 100–950 m. N, NC

lutescens (Nees) De Winter var. **marlothii** (Hack.) De Winter
Aristida marlothii Hack. (1)
Perennial. Shrub, graminoid. Ht up to 1.5 m. Alt 90–600 m. N

namaquensis (Nees) De Winter
Aristida namaquensis (Nees) Trin. & Rupr. (1)
Perennial. Shrub, graminoid. Ht up to 2 m. Alt 60–2000 m. N, B, FS, L, NC, WC

namibensis De Winter
Annual. Graminoid. Ht up to 0.3 m. Alt 20–300 m. N

obtusa (Delile) Nees
Aristida obtusa Delile (1)
Perennial. Graminoid. Ht 0.02–0.6 m. Alt 80–1300 m. N, B, NW, FS, NC, WC, EC

pellytronis De Winter
Perennial. Shrub, graminoid. Ht up to 0.6 m. Alt 300–900 m. N

proxima (Steud.) De Winter
Aristida proxima Steud. (1)
Perennial. Shrub, graminoid. Ht 0.2–0.6 m. Alt 1300–1400 m. FS, EC

ramulosa De Winter
Perennial. Graminoid. Ht 0.4–0.6 m. Alt 20–500 m. N

sabulicola (Pilg.) De Winter
Aristida sabulicola Pilg. (1)
Perennial. Shrub, graminoid. Ht 1–2 m. Alt 100–800 m. N

schaeferi (Mez) De Winter
Aristida schaeferi Mez var. *biseriata* Henrard (1)
Aristida schaeferi Mez var. *schaeferi* (1)
Perennial. Graminoid. Ht 0.2–0.7 m. Alt 30–60 m. N

seelyae De Winter
Perennial. Graminoid. Ht up to 1 m. Alt 300–600 m. N

subacaulis (Nees) De Winter
Aristida subacaulis Nees ex Steud. (1)
Annual. Graminoid. Ht 0.05–0.1 m. Alt 50–700 m. N, NC

uniplumis (Licht.) De Winter var. **intermedia** (Schweick.) De Winter
Aristida gracilior Pilg. var. *intermedia* Schweick. (1)
Annual. Graminoid. Ht 0.2–0.6 m. Alt 700–1900 m. N

uniplumis (Licht.) De Winter var. **neesii** (Trin. & Rupr.) De Winter
Aristida uniplumis Licht. var. *neesii* Trin. & Rupr. (1)
Perennial. Graminoid. Ht 0.38–0.9 m. Alt 400–1600 m. B, LIM, NW, G, S, FS, NC

uniplumis (Licht.) De Winter var. **uniplumis**
Aristida uniplumis Licht. var. *pearsonii* Henrard (1)
Aristida uniplumis Licht. var. *uniplumis* (1)
Perennial, occ. annual. Graminoid. Ht 0.18–0.9 m. Alt 300–2000 m. N, B, LIM, NW, M, FS, NC

zeyheri (Nees) De Winter subsp. **barbata** (Stapf) De Winter
Aristida capensis Thunb. var. *barbata* Stapf (1)
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 3–800 m. KZN, WC, EC

zeyheri (Nees) De Winter subsp. **macropus** (Nees) De Winter
Aristida capensis Thunb., not *Stipagrostis capensis* (1)
Aristida capensis Thunb. var. *genuina* Henrard (1)
Aristida capensis Thunb. var. *macropus* (Nees) Trin. & Rupr. (1)
Perennial. Graminoid. Ht 0.35–0.72 m. Alt 60–1200 m. NC, WC

zeyheri (Nees) De Winter subsp. **sericans** (Hack.) De Winter
Aristida capensis Thunb. var. *dieterleniana* Schweick. (1)
Aristida sericans Hack. in writings of Schinz (1)
Perennial. Graminoid. Ht 0.4–0.75 m. Alt 550–2500 m. G, M, FS, L, EC

zeyheri (Nees) De Winter subsp. **zeyheri**
Aristida capensis Thunb. var. *canescens* Trin. & Rupr. (1)
Perennial. Graminoid. Ht 0.3–0.75 m. Alt 5–1400 m. NC, WC

STREBLOCHAETE Pilg. 9901971
(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 74–76.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 329, 330.

longiarista (A.Rich.) Pilg.
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 900–1900 m. KZN, EC

STYPPEIOCHLOA De Winter 9903504
(1) De Winter. 1966. *Bothalia* 9: 134–137.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 330, 331.

gynoglossa (Gooss.) De Winter
Crinipes gynoglossa Gooss. (1)
Perennial. Graminoid. Ht up to 0.75 m. Alt 900–2400 m. M, S, FS, KZN, EC

TARIGIDIA Stent 9900891
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 422.
(2) Launert. 1970. *FSWA* 160: 202.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 331.

aequiglumis (Gooss.) Stent
Anthephora aequiglumis Gooss. (2)
Digitaria otaviensis Launert (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 800–2000 m. N, NW, FS

TETRACHNE Nees 9903270
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 188, 189.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 331, 332.

dregei Nees
Perennial. Graminoid. Ht 0.32–0.86 m. Alt 1400–2500 m. FS, L, NC, WC, EC

TETRAPOGON Desf. 9903220
(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 332, 333.
(2) Cope. 1999. *FZ* 10,2: 207–209.

mossambicensis (K.Schum.) Chippind. ex B.S.Fisher = **Chloris mossambicensis**

tenellus (Roxb.) Chiov.
Annual or short-lived perennial. Graminoid. Ht up to 0.75 m. Alt 200–1000 m. N, LIM

THAMNOCALAMUS Munro 9904570
(1) Soderstrom & Ellis. 1982. *Bothalia* 14: 53–67.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 333, 334.

tessellatus (Nees) Soderstr. & R.P.Ellis
Arundinaria tessellata (Nees) Munro (1)
Perennial. Graminoid. Ht 1–5 m. Alt 1800–2500 m. FS, KZN, L, EC

THELEPOGON Roth ex Roem. & Schult. 9900110
(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 744–746.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 334.

elegans Roem. & Schult.
Annual. Graminoid. Ht up to 1.5 m. Alt 800–1000 m. N

THEMEDA Forssk. 9900830
(1) Killick. 1978. *The Flowering Plants of Africa* 44: t. 1741.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 829–831.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 334, 335.

triandra Forssk.
T. triandra Forssk. var. *burchellii* (Hack.) Stapf (2)
T. triandra Forssk. var. *hispida* (Nees) Stapf (2)
T. triandra Forssk. var. *imberbis* (Retz.) A.Camus (2)
T. triandra Forssk. var. *trachyspathea* Gooss. (2)
Perennial. Graminoid. Ht 0.3–2 m. Alt 2–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

triandra Forssk. var. *burchellii* (Hack.) Stapf = **T. triandra**

triandra Forssk. var. *hispida* (Nees) Stapf = **T. triandra**

triandra Forssk. var. *imberbis* (Retz.) A.Camus = **T. triandra**

triandra Forssk. var. *trachyspathea* Gooss. = **T. triandra**

*THINOPYRUM A.Löve 9904348
Note: see *Elymus*, an alternative genus that can be used.
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 69, 70.
(2) Melderis. 1978. *Botanical Journal of the Linnean Society* 76: 383.
(3) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 209–279.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 336.
(5) Jarvie. 1992. *Nordic Journal of Botany* 12: 155–169.

distichum (Thunb.) A.Löve
Agropyron distichum (Thunb.) P.Beauv. (4)
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 1–10 m. WC, EC

TRACHYPOGON Nees 9900780
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 494, 495.
(2) Anderson. 1967. *The Flowering Plants of Africa* 38: t. 1512.
(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 707–711.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 336, 337.

capensis (Thunb.) Trin. = **T. spicatus**

spicatus (L.f.) Kuntze
T. capensis (Thunb.) Trin. (3)
Perennial. Graminoid. Ht up to 2 m. Alt 5–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TRAGUS Haller 9902740
(1) Anton. 1982. *Kew Bulletin* 36: 55–61.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 337–339.
(3) Cope. 1999. *FZ* 10,2: 246–249.

berteronianus Schult.
Annual. Graminoid. Ht up to 0.6 m. Alt 6–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

koelerioides Asch.
Perennial. Graminoid. Ht up to 0.65 m. Alt 95–1900 m. N, B, NW, G, FS, L, NC, WC, EC

pedunculatus Pilg.
Annual. Graminoid. Ht up to 0.4 m. Alt 1000–1500 m. N, B

racemosus (L.) All.
Annual. Graminoid. Ht up to 0.4 m. Alt 9–2300 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC; EC

TRIBOLIUM Desv. 9904021
(1) Renvoize. 1985. *Kew Bulletin* 40: 795–799.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 339–341.
(3) Linder & Davidse. 1997. *Botanische Jahrbücher* 119: 445–507.

acutiflorum (Nees) Renvoize
Plagiochloa acutiflora (Nees) Adamson & Sprague (1)
Perennial, occ. annual. Graminoid. Ht 0.1–0.3 m. Alt 1–600 m. NC, WC

alternans (Nees) Renvoize = **T. uniolae**

amplexum Renvoize = **T. uniolae**

brachystachyum (Nees) Renvoize
Plagiochloa brachystachya (Nees) Adamson & Sprague (1)
Perennial. Graminoid. Ht up to 0.3 m. Alt 900–1700 m. WC

ciliare (Stapf) Renvoize
Plagiochloa ciliaris (Stapf) Adamson & Sprague (1)
Annual. Graminoid. Ht up to 0.1 m. Alt 50–150 m. WC

echinatum (Thunb.) Renvoize
Lasiochloa echinata (Thunb.) Adamson (1)
Annual. Graminoid. Ht up to 0.3 m. Alt 1–1200 m. NC, WC

hispidum (Thunb.) Desv.
Lasiochloa longifolia (Schrad.) Kunth (1)
Perennial. Graminoid. Ht up to 0.4 m. Alt 5–2000 m. NC, WC, EC

obliterum (Hemsl.) Renvoize
Plagiochloa oblitera (Hemsl.) Adamson & Sprague (1)
Perennial. Graminoid. Ht up to 0.4 m. Alt 6–600 m. WC

obtusifolium (Nees) Renvoize
Lasiochloa obtusifolia Nees (1)
Perennial. Graminoid. Ht up to 0.5 m. Alt 10–1800 m. WC, EC

pusillum (Nees) H.P.Linder & Davidse
Urochlaena pusilla Nees (3)
Annual. Graminoid. Ht up to 0.25 m. Alt 90–1000 m. NC, WC

uniolae (L.f.) Renvoize
Plagiochloa alternans (Nees) Adamson & Sprague (3)
Plagiochloa uniolae (L.f.) Adamson & Sprague var. *uniolae* (3)
Plagiochloa uniolae (L.f.) Adamson & Sprague var. *villosa* (Stapf) Adamson (3)
T. alternans (Nees) Renvoize (3)
T. amplexum Renvoize (3)
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 0–1000 m. NC, WC, EC

utriculosum (Nees) Renvoize
Lasiochloa utriculosa Nees (1)
Annual. Graminoid. Ht up to 0.9 m. Alt 150–1000 m. NC

TRICHOLAENA Schrad. in Schult. 9901330
(1) Zizka. 1988. *Bibliotheca Botanica* 138: 36–50.
(2) Zizka. 1989 *FZ* 10,3: 113–128.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 341, 342.

arenaria Nees = **T. capensis** subsp. **arenaria**

arenaria Nees var. *glauca* (Hack.) Stapf = **T. capensis** subsp. **arenaria**

capensis (Licht. ex Roem. & Schult.) Nees subsp. **arenaria** (Nees) Zizka
T. arenaria Nees (1)
T. arenaria Nees var. *glauca* (Hack.) Stapf (1)
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 900–1500 m. N

capensis (Licht. ex Roem. & Schult.) Nees subsp. **capensis**
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 150–1500 m. N, FS, NC, WC

monachne (Trin.) Stapf & C.E.Hubb.
T. monachne (Trin.) Stapf & C.E.Hubb. var. *annua* J.G.Anderson (1)
Perennial, occ. annual. Graminoid. Ht up to 1.2 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

monachne (Trin.) Stapf & C.E.Hubb. var. *annua* J.G.Anderson = **T. monachne**

TRICHONEURA Andersson 9903530
(1) Launert. 1970. *FSWA* 160: 209, 210.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 342–344.
(3) Cope. 1999. *FZ* 10,2: 43–45

eleusinoides (Rendle) Ekman
Annual. Graminoid. Ht 0.09–0.35 m. Alt 600–1200 m. N

grandiglumis (Nees) Ekman
T. grandiglumis (Nees) Ekman var. *grandiglumis* (3)
T. grandiglumis (Nees) Ekman var. *minor* (Rendle) Chippind. (3)
Perennial. Graminoid. Ht 0.22–0.63 m. Alt 100–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

grandiglumis (Nees) Ekman var. *grandiglumis* = **T. grandiglumis**

grandiglumis (Nees) Ekman var. *minor* (Rendle) Chippind. = **T. grandiglumis**

TRICHOPTERYX Nees 9901750
(1) Clayton. 1989. *FZ* 10,3: 213–216.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 344.

dregeana Nees
Perennial. Graminoid. Ht up to 900 m. Alt 30–1800 m. N, LIM, M, S, KZN, EC

ramosa Stapf = **Danthoniopsis ramosa**

TRIPOGON Roem. & Schult. 9903180
(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 345.
(2) Cope. 1999. *FZ* 10,2: 29–32.

abyssinicus in sense of Chippind., not of Nees ex Steud., misapplied name = **T. minimus**

minimus (A.Rich.) Steud.
T. abyssinicus in sense of Chippind., not of Nees ex Steud., misapplied name (1)
Perennial. Graminoid. Ht 0.08–0.22 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, KZN

TRIRAPHIS R.Br. 9903500
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 124–127.
(2) Launert. 1970. *FSWA* 160: 210–213.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 345–347.
(4) Cope. 1999. *FZ* 10,2: 20–23.

andropogonoides (Steud.) E.Phillips
T. rehmannii Hack. (4)
Perennial. Graminoid. Ht up to 1.22 m. Alt 70–1900 m. B?, LIM, NW, G, M, FS, KZN, NC, WC, EC

elliottii Rendle = **T. ramosissima**

fleckii Hack. = **T. purpurea**

pumilio R.Br.
Annual. Graminoid. Ht 0.04–0.22 m. Alt 0–500 m. N

purpurea Hack.
T. fleckii Hack. (3)
Annual. Graminoid. Ht 0.09–0.77 m. Alt 100–1200 m. N, B, NW, NC

ramosissima Hack.
T. elliottii Rendle (3)
Perennial. Graminoid. Ht 0.25–0.81 m. Alt 400–2000 m. N, NC

rehmannii Hack. = **T. andropogonoides**

schinzii Hack.
T. schlechteri Pilg. ex Stent (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 20–1400 m. N, B, LIM, NW, KZN

schlechteri Pilg. ex Stent = **T. schinzii**

TRISETARIA Forssk. 9902590

pumila (Desf.) Maire = **Lophochloa pumila**

TRISETUM of author 9901930

pumilum (Desf.) Kunth = **Lophochloa pumila**

TRISTACHYA Nees 9901740

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 275–279.
(2) Conert. 1957. *Botanische Jahrbücher* 77: 295–319.
(3) Phipps. 1964. *Kirkia* 4: 87–124.
(4) Clayton. 1989. *FZ* 10,3: 204–211.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 347, 348.
(6) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 289, 290.

biseriata Stapf
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 1200–1900 m. LIM, NW, G, M

eylesii Stent & J.M.Rattray = **T. nodiglumis**

hispida (L.f.) K.Schum. = **T. leucothrix**

hitchcockii (C.E.Hubb.) Conert = **T. lualabaensis**

leucothrix Nees
Apochaete hispida (L.f.) J.B.Phipps (5)
T. hispida (L.f.) K.Schum. (5)
Perennial. Graminoid. Ht up to 1.2 m. Alt 70–2400 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

longispiculata C.E.Hubb. = **T. nodiglumis**

lualabaensis (De Wild.) J.B.Phipps
T. hitchcockii (C.E.Hubb.) Conert (4)
Perennial. Graminoid. Ht up to 1.4 m. Alt 900–1000 m. N, B

nodiglumis K.Schum.
T. eylesii Stent & J.M.Rattray (4)
T. longispiculata C.E.Hubb. (4)
Perennial. Graminoid. Ht up to 2 m. Alt 180–1000 m. N, B

rehmannii Hack.
Dolichochaete rehmannii (Hack.) J.B.Phipps (4)
Perennial. Graminoid. Ht 0.2–0.9 m. Alt 30–2000 m. N, B, LIM, NW, G, M, FS, KZN

superba (De Not.) Schweinf. & Asch.
Loudetia superba De Not. (4)
Perennial. Graminoid. Ht 1–3 m. Alt 900–1200 m. N, B

URELYTRUM Hack. 9900170

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 832–835.
(2) Gibbs Russell. 1982. *The Flowering Plants of Africa* 47: t. 1841.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 349.

agropyroides (Hack.) Hack.
U. squarrosum Hack. (1)
Perennial. Graminoid. Ht up to 2 m. Alt 45–1800 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

squarrosum Hack. = **U. agropyroides**

UROCHLAENA Nees 9903680

pusilla Nees = **Tribolium pusillum**

UROCHLOA P.Beauv. 9901100

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 600–607.
(2) Burt *et al.* 1980. *Australian Journal of Botany* 28: 343–356.
(3) Webster. 1987. *The Australian Paniceae (Poaceae)*: 229–254.
(4) Clayton. 1989. *FZ* 10,3: 79–84.
(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 350–352.

bolbodes (Steud.) Stapf = **U. oligotricha**

brachyura (Hack.) Stapf
Annual. Graminoid. Ht up to 1.2 m. Alt 100–1800 m. N, B, LIM, NW, G, FS

engleri Pilg. = **U. trichopus**

mosambicensis (Hack.) Dandy
U. pullulans Stapf (4)
U. rhodesiensis Stent (4)
Perennial. Graminoid. Ht up to 1.7 m. Alt 30–2100 m. B, LIM, NW, G, M, S, FS, KZN

oligotricha (Fig. & De Not.) Henrard
U. bolbodes (Steud.) Stapf (4)
Perennial. Graminoid. Ht up to 1.2 m. Alt 300–1600 m. N, B, LIM, G, M, S

panicoides P.Beauv.
U. ruschii Pilg (1)
Annual. Graminoid, erect or prostrate and spreading. Ht/length up to 1 m. Alt 140–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

pullulans Stapf = **U. mosambicensis**

rhodesiensis Stent = **U. mosambicensis**

ruschii Pilg. = **U. panicoides**

stolonifera (Gooss.) Chippind.
Perennial. Graminoid. Ht up to 0.3 m. Alt 200–800 m. B, LIM, NC

trichopus (Hochst.) Stapf
U. engleri Pilg. (4)
Annual. Graminoid. Ht up to 1.7 m. Alt 300–1600 m. N, B, LIM, G, M

VETIVERIA Bory 9900490

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 739–741.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 352, 353.
(3) Veldkamp. 1999. *Austrobaileya* 5: 526.

nigritana (Benth.) Stapf
Perennial. Graminoid. Ht 1.5–3 m. Alt 300–1000 m. N, B

VOSSIA Wall. & Griff. 9900160

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 830–832.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 353.

cuspidata (Roxb.) Griff.
Perennial. Graminoid. Ht up to 2.5 m or floating. Alt 950–1200 m. N, B

*VULPIA C.C.Gmel. 9904180

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 354, 355.
(2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 152–154.

bromoides (L.) Gray
Annual. Graminoid. Ht 0.05–0.6 m. Alt 200–3000 m. M, FS, KZN, L, NC, WC, EC

fasciculata (Forssk.) Samp.
Annual. Graminoid. Ht 0.1–0.45 m. Alt 10–700 m. WC

muralis (Kunth) Nees
Perennial. Graminoid. Ht 0.06–0.7 m. Alt 150–2500 m. LIM, FS, NC, WC

myuros (L.) C.C.Gmel.
Annual. Graminoid. Ht 0.05–0.7 m. Alt 100–2900 m. FS, KZN, L, NC, WC, EC

WILLKOMMIA Hack. 9903100

(1) Launert. 1970. *FSWA* 160: 49, 50 (under *Craspedorhachis*).
(2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 239, 240.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 355, 356.

annua Hack.
Annual. Graminoid. Ht up to 0.6 m. Alt 200–900 m. N

newtonii Hack.
Perennial, occ. annual. Graminoid. Ht up to 0.5 m. Alt 900–1200 m. N

sarmentosa Hack.
Craspedorhachis sarmentosa (Hack.) Pilg. (3)
Perennial. Graminoid. Ht up to 0.8 m. Alt 300–2000 m. N, B

PONTEDERIACEAE

Compiled by R.P. Glen & C.D.K. Cook

EICHHORNIA Kunth 0921000

(1) Brown. 1902. *FTA* 8: 4, 5.
(2) Wild. 1961. *Kirkia* 2: 6–11.
(3) Hepper. 1968. *FWTA* 3,1: 110.
(4) Obermeyer. 1985. *FSA* 4: 63–68.

***crassipes** (Mart.) Solms
Perennial. Herb, hydrophyte: pleustophyte. Ht 0.2–0.5 m. Alt 1–1650 m. LIM, NW, G, M, KZN, WC, EC

natans (P.Beauv.) Solms
Perennial. Herb, hydrophyte: epihydate. Ht 0.2–1 m. Alt ± 1030 m. N, B

HETERANTHERA Ruíz & Pav. 0924000

(1) Brown. 1902. *FTA* 8: 2–4.
(2) Hepper. 1968. *FWTA* 3,1: 110, 111.
(3) Obermeyer. 1985. *FSA* 4: 68, 69.

callifolia Rchb. ex Kunth
H. kotschyana Fenzl ex Solms (2)
Annual or perennial. Herb, hydrophyte: tenogophyte. Ht 0.2–0.4 m. Alt 900–1250 m. N, B, LIM, NW, G

kotschyana Fenzl ex Solms = **H. callifolia**

MONOCHORIA C.Presl 0920000

(1) De Candolle & De Candolle. 1883. *Monographiae phanerogamarum* 4: 525.
(2) Brown. 1902. *FTA* 8: 5, 6.
(3) Verdcourt. 1961. *Kirkia* 1: 80, 81.
(4) Obermeyer. 1985. *FSA* 4: 61–63.

africana (Solms) N.E.Br.
M. vaginalis (L.) C.Presl var. *africana* Solms (4)
Annual or perennial. Herb, hydrophyte: tenogophyte. Ht 0.3–0.75 m. Alt ± 450 m. LIM, M

vaginalis (L.) C.Presl var. *africana* Solms = **M. africana**

*PONTEDERIA L. 0922000

(1) Lowden. 1973. *Rhodora* 75: 426–487.
(2) Obermeyer. 1985. *FSA* 4: 66–68.

cordata L. var. **ovalis** Solms
P. lanceolata Nutt. forma *ovalis* (Mart.) Castell. (1)
P. lanceolata Nutt. var. *vichadensis* Herman (1)
P. ovalis Mart. (1)
Perennial. Herb, hydrophyte: hyperhydate. Ht ± 1.2 m. Alt 20–1620 m. G, M, KZN

lanceolata Nutt. forma *ovalis* (Mart.) Castell. = **P. cordata** var. **ovalis**

lanceolata Nutt. var. *vichadensis* Herman = **P. cordata** var. **ovalis**

ovalis Mart. = **P. cordata** var. **ovalis**

POTAMOGETONACEAE

Compiled by R.P. Glen & C.D.K. Cook

POTAMOGETON L. 0058000

(1) Bennett. 1895. *FC* 7: 45–49.
(2) Obermeyer. 1966. *FSA* 1: 60–70.
(3) Wiegleb & Kaplan. 1998. *Folia Geobotanica* 33: 241–316.

crispus L.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 9–1200 m. LIM, NW, G, S, FS, KZN, EC

natans in sense of Thunb., not of L., misapplied name = **P. thunbergii**

octandrus Poir.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 5–1400 m. N, B, LIM, G, M, KZN

panormitanus Biv. = **P. pusillus**

pectinatus L.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–1740 m. N, NW, G, M, FS, KZN, NC, WC, EC

pusillus L.
P. panormitanus Biv. (2)
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2740 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

richardii Solms = **P. thunbergii**

schweinfurthii A.W.Benn.
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 20–1560 m. N, B, LIM, NW, G, M, S, KZN, L, NC, WC, EC

thunbergii Cham. & Schltdl.
P. natans in sense of Thunb., not of L., misapplied name (2)
P. richardii Solms (1, 3)
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

trichoides Cham. & Schltdl.
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2225 m. B, LIM, G, M, FS, KZN, WC, EC

PRIONIACEAE

Compiled by R.P. Glen & C.D.K. Cook

PRIONIUM E.Mey. 0930000

(1) Baker. 1897. *FC* 7: 16–28.
(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 161.
(3) Obermeyer. 1985. *FSA* 4,2: 71–73.
(4) Munro & Linder. 1998. *Systematic Botany* 23,1: 43–55.

palmita E.Mey. = **P. serratum**

serratum (L.f.) Drège ex E.Mey.
P. palmita E.Mey. (2)
Perennial. Herb, hydrophyte: hyperhydate. Ht 0.33–2.13 m. Alt 35–830 m. KZN, WC, EC

RESTIONACEAE

Compiled by C. Archer

ANTHOCHORTUS Nees 0804170

(1) Linder. 1984. *Bothalia* 15: 66.
(2) Linder. 1985. *Bothalia* 15: 484–487.
(3) Linder. 1990. *South African Journal of Botany* 56: 450–457.
(4) Esterhuysen. 1990. In Linder in *South African Journal of Botany* 56: 454, 456.

capensis Esterh.
Perennial. Herb, restioid. Ht up to 0.2 m. Alt ?–760 m. WC

crinalis (Mast.) H.P.Linder
Hypolaena crinalis (Mast.) Pillans (2)
Hypolaena tabularis Pillans (2)
Restio crinalis Mast. (2)
Restio oblongus Mast. (2)
Perennial. Herb, restioid. Ht up to 0.6 m. Alt 670–1830 m. WC

ecklonii Nees
Calorophus tenuis (Mast.) Kuntze (2)
Hypolaena tenuis Mast. (2)
Willdenowia ecklonii (Nees) T.Durand & Schinz (2)
Perennial. Herb, restioid. Ht up to 0.3 m. Alt 670–1860 m. WC, EC

graminifolius (Kunth) H.P.Linder
Hypolaena foliosa Mast. (2)
Hypolaena graminifolia (Kunth) Pillans (2)
Mastersiella foliosa (Mast.) Gilg-Ben. (2)
Restio graminifolius Kunth (2)
Perennial. Herb, restioid. Ht up to 0.2 m. Alt 335–1280 m. WC

insignis (Mast.) H.P.Linder
Phyllocomos insignis Mast. (2)
Perennial. Herb, restioid. Ht 0.5–0.7 m. Alt 450–1000 m. WC

laxiflorus (Nees) H.P.Linder
Calorophus laxiflorus (Nees) Kuntze (2)
Hypolaena laxiflora Nees (2)
Hypolaena stokoei Pillans (2)
Mastersiella laxiflora (Nees) Gilg-Ben. (2)
Perennial. Herb, restioid. Ht 0.3–0.75 m. Alt 455–1005 m. WC

singularis Esterh.
Perennial. Herb, restioid. Ht 0.15–0.3 m. Alt ?– 1000 m. WC

ASKIDIOSPERMA Steud. 0804070

(1) Linder. 1985. *Bothalia* 15: 431–434.
(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 432, 434.
(3) Linder. 2001. *Nordic Journal of Botany* 21: 195–199.

albo-aristatum (Pillans) H.P.Linder
Chondropetalum albo-aristatum Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1370 m. WC

alticolum (Esterh.) H.P.Linder
A. chartaceum (Pillans) H.P.Linder subsp. *alticolum* Esterh. (3)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1600 m. WC

andreaeanum (Pillans) H.P.Linder
Chondropetalum andreaeanum Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–1.5 m. Alt ?–1830 m. WC

capitatum Steud.
Chondropetalum capitatum (Steud.) Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–1465 m. WC

chartaceum (Pillans) H.P.Linder
Chondropetalum chartaceum (Pillans) Pillans (1)
Dovea chartacea Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1065 m. WC

chartaceum (Pillans) H.P.Linder subsp. *alticolum* Esterh. = **A. alticolum**

delicatulum H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1300–1600 m. WC

esterhuyseniae (Pillans) H.P.Linder
Chondropetalum esterhuyseniae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.75 m. Alt ?–1220 m. WC

insigne (Pillans) H.P.Linder
Chondropetalum insigne Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.7–1.82 m. Alt 1300–1800 m. WC

longiflorum (Pillans) H.P.Linder
Chondropetalum longiflorum Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1000 m. WC

nitidum (Mast.) H.P.Linder
Chondropetalum nitidum (Mast.) Pillans (1)
Dovea nitida Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.93 m. Alt 205–1675 m. WC

paniculatum (Mast.) H.P.Linder
Chondropetalum paniculatum (Mast.) Pillans (1)
Dovea paniculata Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.8 m. Alt 245–1675 m. WC

rugosum Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 200–700 m. WC

BOECKHIA Kunth 0804162

laevigata Kunth = **Hypodiscus laevigatus**

striata Kunth = **Hypodiscus striatus**

CALOPSIS P.Beauv. ex Desv. 0804100

(1) Linder. 1985. *Bothalia* 15: 464–471.
(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 464–471.
(3) Esterhuysen 1990. In Linder in *South African Journal of Botany* 56: 454.

adpressa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.7 m. Alt 20–500 m. WC

andreaeana (Pillans) H.P.Linder
Leptocarpus andreaeanus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 915–1540 m. WC

aspera (Mast.) H.P.Linder
Calorophus asper Kuntze (1)
Hypolaena aspera Mast. (1)
Leptocarpus asper (Mast.) Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 0–450 m. WC

burchellii (Mast.) H.P.Linder
Leptocarpus burchellii Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 75–490 m. WC, EC

clandestina Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 0–1000 m. WC

dura Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 900–1500 m. WC

esterhuyseniae (Pillans) H.P.Linder
Leptocarpus esterhuyseniae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 765–1770 m. WC

festucacea Kunth = **C. viminea**

filiformis (Mast.) H.P.Linder
Calorophus filiformis (Mast.) Kuntze (1)
Hypolaena filiformis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 75–610 m. WC

fruticosa (Mast.) H.P.Linder
Leptocarpus fruticosus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.17–0.75 m. Alt 8–200 m. WC

gracilis (Mast.) H.P.Linder
Calorophus gracilis (Mast.) Kuntze (1)
Hypolaena gracilis Mast. (1)
Leptocarpus gracilis (Mast.) Pillans (1)
Leptocarpus ramosissimus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 45–1100 m. WC

hirtella Kunth = **C. viminea**

hyalina (Mast.) H.P.Linder
Hypolaena hyalina Mast. (1)
Leptocarpus hyalinus (Mast.) Pillans (1)
Mastersiella hyalina (Mast.) Gilg-Ben. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 50–610 m. WC

impolita (Kunth) H.P.Linder
Hypolaena impolita (Kunth) Mast. (1)
Leptocarpus impolitus (Kunth) Pillans (1)
Restio impolitus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 200–210 m. WC

incurvata Pillans, illegitimate name = **C. viminea**

incurvata (Thunb.) Kunth, illegitimate name = **Willdenowia incurvata**

levynsiae (Pillans) H.P.Linder
Leptocarpus levynsiae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 900–1200 m. WC

marlothii (Pillans) H.P.Linder
Leptocarpus marlothii Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.5–0.76 m. Alt 780–1370 m. WC

membranacea (Pillans) H.P.Linder
Calorophus burchellii (Mast.) Kuntze (1)
Hypolaena burchellii Mast. (1)
Leptocarpus membranaceus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 90–1220 m. WC

monostylis (Pillans) H.P.Linder
Leptocarpus monostylis Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 900–1145 m. WC

muirii (Pillans) H.P.Linder
Leptocarpus muirii Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.55 m. Alt ?–125 m. WC

neglecta Hochst. = **Restio multiflorus**

nudiflora (Pillans) H.P.Linder
Leptocarpus nudiflorus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 900–1500 m. WC

oxylepis Kunth = **C. viminea**

paniculata (Rottb.) Desv.
C. ramiflora (Nees) Kunth (1)
Leptocarpus paniculatus (Rottb.) Mast. (1)
Restio paniculatus Rottb. (1)

Restio pondoensis Mast. (1)
Restio ramiflorus Nees (1)
Perennial. Shrub, restioid. Ht 0.2–2.43 m. Alt 18–1525 m. KZN, WC, EC

peronata Kunth = **C. viminea**

pulchra Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.5 m. Alt 75–420 m. WC

ramiflora (Nees) Kunth = **C. paniculata**

rigida (Mast.) H.P.Linder
Leptocarpus rigidus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 915–1400 m. WC

rigorata (Mast.) H.P.Linder
Leptocarpus rigoratus Mast. (1)
Leptocarpus rigoratus Mast. var. *simulans* Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.15 m. Alt 120–975 m. WC

sparsa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–300 m. WC

triticea (Rottb.) Kunth = **Restio triticeus**

viminea (Rottb.) H.P.Linder
C. festucacea Kunth (1)
C. hirtella Kunth (1)
C. incurvata Pillans, illegitimate name (1)
C. oxylepis Kunth (1)
C. peronata Kunth (1)
Leptocarpus festucaceus (Kunth) Mast. (1)
Leptocarpus incurvatus Pillans, illegitimate name (1)
Leptocarpus oxylepis (Kunth) Mast. (1)
Leptocarpus peronatus (Kunth) Mast. (1)
Leptocarpus peronatus (Kunth) Mast. var. *hirtellus* (Kunth) Mast. (1)
Leptocarpus vimineus (Rottb.) Pillans (1)
Leptocarpus vimineus (Rottb.) Pillans var. *hirtellus* (Kunth) Pillans (1)
Restio ecklonii Mast. (1)
Restio incurvatus Pillans, illegitimate name (1)
Restio pauciflorus Poir. (1)
Restio vimineus Rottb. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.15–1 m. Alt 30–1755 m. NC, WC

CALOROPHUS Labill. 0804181

anceps (Mast.) Kuntze = **Platycaulos anceps**

asper Kuntze = **Calopsis aspera**

burchellii (Mast.) Kuntze = **Calopsis membranacea**

digitatus (Thunb.) Kuntze = **Mastersiella digitata**

filiformis (Mast.) Kuntze = **Calopsis filiformis**

gracilis (Mast.) Kuntze = **Calopsis gracilis**

laxiflorus (Nees) Kuntze = **Anthochortus laxiflorus**

tenuis (Mast.) Kuntze = **Anthochortus ecklonii**

virgatus (Mast.) Kuntze = **Restio debilis**

CANNOMOIS P.Beauv. ex Desv. 0804140

(1) Linder. 1985. *Bothalia* 15: 480–482.
(2) Linder. 1990. *South African Journal of Botany* 56: 453, 454.

acuminata (Kunth) Pillans, illegitimate name = **C. parviflora**

aristata Mast.
Perennial. Shrub, restioid. Ht up to 1 m. Alt 1000–1435 m. WC

cephalotes Desv. = **C. virgata**

complanatus Mast. = **C. parviflora**

congesta Mast.
C. scirpoides (Kunth) Mast. var. *minor* Pillans (1)
C. scirpoides (Kunth) Mast. var. *primosii* Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 300–1450 m. WC

dregei Pillans = **C. scirpoides**

nitida (Mast.) Pillans
Perennial. Shrub, restioid. Ht 0.9–1 m. Alt 1000–1890 m. WC

parviflora (Thunb.) Pillans
C. acuminata (Kunth) Pillans, illegitimate name (1)
C. complanatus Mast. (1)
C. schlechteri Mast. (1)
C. simplex Kunth (1)
C. spicatus Mast. (1)
Elegia parviflora (Thunb.) Kunth (1)
Mesanthus macrocarpus Nees, illegitimate name (1)
Restio acuminatus Kunth, illegitimate name (1)
Restio parviflorus Thunb. (1)
Thamnochortus strictus Kunth (1)
Willdenowia compressa Thunb. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1.1 m. Alt 90–1525 m. NC, WC

schlechteri Mast. = **C. parviflora**

scirpoides (Kunth) Mast.
C. dregei Pillans (1)
Thamnochortus scirpoides Kunth (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–1.52 m. Alt 245–1525 m. WC, EC

scirpoides (Kunth) Mast. var. *minor* Pillans = **C. congesta**

scirpoides (Kunth) Mast. var. *primosii* Pillans = **C. congesta**

simplex Kunth = **C. parviflora**

spicatus Mast. = **C. parviflora**

taylorii H.P.Linder
Perennial. Shrub, restioid. Ht 0.6–1.5 m. Alt 850–1450 m. WC

virgata (Rottb.) Steud.
C. cephalotes Desv. (1)
Elegia paniculata Pers., illegitimate name (1)
Restio elegans Poir. (1)
Restio scopa Thunb. (1)
Restio virgatus Rottb. (1)
Thamnochortus robustus Kunth (1)
Thamnochortus virgatus (Rottb.) Kunth (1)
Perennial. Shrub, restioid. Ht 0.75–3.96 m. Alt 185–1800 m. NC, WC, EC

CERATOCARYUM Nees 0804130

(1) Linder. 1985. *Bothalia* 15: 479, 480.
(2) Linder. 1995. *South African Journal of Botany* 61: 222–225.
(3) Linder. 2001. *Kew Bulletin* 56: 465–477.

argenteum Kunth
Willdenowia argentea (Kunth) Hieron. (1)
Perennial. Shrub, restioid. Ht 0.76–3 m. Alt 7–1100 m. WC

caespitosum H.P.Linder
Perennial. Shrub, restioid. Ht up to 1 m. Alt 100–500 m. WC

decipiens (N.E.Br.) H.P.Linder
Willdenowia decipiens N.E.Br. (1)
Perennial. Shrub, restioid. Ht 0.91–1.52 m. Alt 305–2000 m. WC

fimbriatum (Kunth) H.P.Linder
Willdenowia esterhuyseniae Pillans (1)
Willdenowia fimbriata Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 30–1370 m. WC

fistulosum Mast.
Willdenowia fistulosa (Mast.) Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 600–750 m. WC

persistens H.P.Linder
Perennial. Shrub, restioid. Ht 1–1.5 m. Alt 300–500 m. WC

pulchrum H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–200 m. WC

xerophilum (Pillans) H.P.Linder
Willdenowia xerophila Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 1000–2000 m. WC

CHONDROPETALUM Rottb. 0804050

(1) Linder. 1985. *Bothalia* 15: 427–430.

acockii Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt ?–105 m. WC

aggregatum (Mast.) Pillans
Dovea aggregata Mast. (1)
Perennial. Shrub, dwarf shrub, restioid. Ht 0.6–1.1 m. Alt ?–1560 m. WC

albo-aristatum Pillans = **Askidiosperma albo-aristatum**

andreaeanum Pillans = **Askidiosperma andreaeanum**

capitatum (Steud.) Pillans = **Askidiosperma capitatum**

chartaceum (Pillans) Pillans = **Askidiosperma chartaceum** subsp. **chartaceum**

decipiens Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt 300–900 m. WC

deustum Rottb.
Elegia deusta (Rottb.) Kunth (1)
Restio chondropetalum Nees, illegitimate name (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 250–1000 m. WC

ebracteatum (Kunth) Pillans
Dovea ebracteata Kunth (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.9 m. Alt 460–1770 m. WC

esterhuyseniae Pillans = **Askidiosperma esterhuyseniae**

hookerianum (Mast.) Pillans
Dovea bolusii Mast. (1)
Dovea hookeriana Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m. Alt 10–1770 m. WC

insigne Pillans = **Askidiosperma insigne**

longiflorum Pillans = **Askidiosperma longiflorum**

macrocarpum (Kunth) Pillans = **Dovea macrocarpa**

marlothii (Pillans) Pillans
Dovea marlothii Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.7 m. Alt ?–1000 m. WC

microcarpum (Kunth) Pillans
Dovea microcarpa Kunth (1)
Dovea rigens Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.1–0.4 m. Alt 5–500 m. WC, EC

mucronatum (Nees) Pillans
Dovea mucronata (Nees) Mast. (1)
Elegia mucronata (Nees) Kunth (1)
Elegia panicoides Kunth (1)
Restio mucronatus Nees (1)
Perennial. Shrub, restioid. Ht 0.6–2 m. Alt 120–1465 m. WC

nitidum (Mast.) Pillans = **Askidiosperma nitidum**

nudum Rottb.
Cucullifera dura Nees, illegitimate name (1)
Dovea nuda (Rottb.) Pillans (1)
Elegia elongata Mast. (1)
Elegia nuda (Rottb.) Kunth (1)
Restio acuminatus Thunb., illegitimate name (1)
Restio nudus (Rottb.) Nees (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 5–500 m. WC

paniculatum (Mast.) Pillans = **Askidiosperma paniculatum**

rectum (Mast.) Pillans
Dovea recta Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 15–155 m. WC

tectorum (L.f.) Raf.
Dovea cylindrostachya Mast. (1)
Dovea tectorum (L.f.) Mast. (1)
Restio tectorum L.f. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–2.28 m. Alt 5–120 m. WC, EC

CRASPEDOLEPIS Steud. 0804092

verreauxii Steud. = **Restio filiformis**

CUCULLIFERA Nees 0804055

dura Nees, illegitimate name = **Chondropetalum nudum**

DOVEA Kunth 0804060

(1) Linder. 1985. *Bothalia* 15: 431.

aggregata Mast. = **Chondropetalum aggregatum**

binata Steud. = **Hypodiscus laevigatus**

bolusii Mast. = **Chondropetalum hookerianum**

chartacea Pillans = **Askidiosperma chartaceum**

cylindrostachya Mast. = **Chondropetalum tectorum**

ebracteata Kunth = **Chondropetalum ebracteatum**

hookeriana Mast. = **Chondropetalum hookerianum**

macrocarpa Kunth
Chondropetalum macrocarpum (Kunth) Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 335–1100 m. WC

marlothii Pillans = **Chondropetalum marlothii**

microcarpa Kunth = **Chondropetalum microcarpum**

mucronata (Nees) Mast. = **Chondropetalum mucronatum**

nitida Mast. = **Askidiosperma nitidum**

nuda (Rottb.) Pillans = **Chondropetalum nudum**

paniculata Mast. = **Askidiosperma paniculatum**

racemosa (Poir.) Mast. = **Elegia racemosa**

recta Mast. = **Chondropetalum rectum**

rigens Mast. = **Chondropetalum microcarpum**

tectorum (L.f.) Mast. = **Chondropetalum tectorum**

thyrsoidea Mast. = **Elegia thyrsoidea**

ELEGIA L. 0804040

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 313–342.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 343–346.
(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 257–265.
(4) Linder. 1985. *Bothalia* 15: 418–427.
(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 421, 423.

acuminata Mast. = **E. thyrsifera**

altigena Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1800 m. WC

amoena Pillans = **E. racemosa**

asperiflora (Nees) Kunth
E. asperiflora (Nees) Kunth var. *lacerata* (Pillans) Pillans (4)
E. ciliata Mast., illegitimate name (1)
E. dregeana Kunth (1)
E. glauca Mast. (4)
E. lacerata Pillans (4)
Restio asperiflorus Nees (1)
Perennial. Dwarf shrub, restioid. Ht 0.38–1 m. Alt 30–1740 m. M, WC, EC

asperiflora (Nees) Kunth var. *lacerata* (Pillans) Pillans = **E. asperiflora**

atratiflora Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.4–0.7 m. Alt 300–900 m. WC

bella Pillans = **E. racemosa**

caespitosa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 70–250 m. WC

capensis (Burm.f.) Schelpe
E. verticillaris (L.f.) Kunth (4)
Equisetum capense Burm.f. (4)
Restio verticillaris L.f. (4)
Perennial. Shrub, restioid. Ht 0.2–2.5 m. Alt 155–1295 m. WC, EC

ciliata Mast., illegitimate name = **E. asperiflora**

coleura Mast.
E. exilis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt 215–610 m. WC, EC

cuspidata Mast.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.75 m. Alt 75–120 m. WC

deusta (Rottb.) Kunth = **Chondropetalum deustum**

dregeana Kunth = **E. asperiflora**

elongata Mast. = **Chondropetalum nudum**

equisetacea (Mast.) Mast.
E. propinqua (Nees) Kunth var. *equisetacea* Mast. (4)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.2 m. Alt 90–1145 m. WC, EC

esterhuyseniae Pillans
E. esterhuyseniae Pillans var. *dispar* Pillans (4)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 1000–2075 m. WC

esterhuyseniae Pillans var. *dispar* Pillans = **E. esterhuyseniae**

exilis Mast. = **E. coleura**

extensa Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ± 50–300 m. WC

fastigiata Mast.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt ?–460 m. WC

fenestrata Pillans
Perennial. Shrub, restioid. Ht up to 1.8 m. Alt ?–100 m. WC

filacea Mast.
E. gracilis N.E.Br. (4)
E. parviflora Pillans, illegitimate name (4)
E. parviflora Pillans var. *filacea* (Mast.) Pillans (4)
E. rehmannii Mast. (4)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 15–2100 m. WC, EC

fistulosa Kunth
E. fistulosa Kunth var. *parviflora* Pillans (4)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 15–765 m. WC, EC

fistulosa Kunth var. *parviflora* Pillans = **E. fistulosa**

fucata Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–1525 m. WC

fusca N.E.Br. = **E. racemosa**

galpinii N.E.Br.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1.8 m. Alt 490–1400 m. WC

glauca Mast. = **E. asperiflora**

gracilis N.E.Br. = **E. filacea**

grandis (Nees) Kunth
Lamprocaulis grandis (Nees) Nees (1)
Restio grandis Nees (1)
Perennial. Shrub, restioid. Ht up to 1 m. Alt 475–1620 m. WC

grandispicata H.P.Linder
Perennial. Shrub, restioid. Ht 0.8–1.5 m. Alt 1200–1800 m. WC

hutchinsonii Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 90–1770 m. WC

intermedia (Steud.) Pillans
E. membranacea (Nees) Kunth (1)
Restio intermedius Steud. (1)
Restio membranaceus Nees (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 670–1370 m. WC

juncea L.
E. juncea L. var. *geniculata* Pillans (4)
E. propinqua (Nees) Kunth (1)
E. propinqua (Nees) Kunth var. *minor* Mast. (4)
Restio elegia Murray, illegitimate name (1)
Restio junceus (L.) Nees (1)
Restio propinquus Nees (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–2 m. Alt 40–1525 m. WC, EC

juncea L. var. *geniculata* Pillans = **E. juncea**

lacerata Pillans = **E. asperiflora**

membranacea (Nees) Kunth = **E. intermedia**

mucronata (Nees) Kunth = **Chondropetalum mucronatum**

muirii Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 10–500 m. WC

neesii Mast.
Lamprocaulis neesii (Mast.) Mast. (1)
Lamprocaulis schlechteri Gilg-Ben. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–2 m. Alt 115–2000 m. WC, EC

nuda (Rottb.) Kunth = **Chondropetalum nudum**

obtusiflora Mast. = **E. rigida**

panicoides Kunth = **Chondropetalum mucronatum**

paniculata Pers., illegitimate name = **Cannomois virgata**

parviflora Pillans, illegitimate name = **E. filacea**

parviflora Pillans var. *filacea* (Mast.) Pillans = **E. filacea**

parviflora Pillans var. *rigida* (Mast.) Pillans = **E. rigida**

parviflora (Thunb.) Kunth = **Cannomois parviflora**

pectinata Pillans = **E. squamosa**

persistens Mast.
Perennial. Shrub, restioid. Ht up to 1 m. Alt 35–1220 m. WC

prominens Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–50 m. WC

propinqua (Nees) Kunth = **E. juncea**

propinqua (Nees) Kunth var. *equisetacea* Mast. = **E. equisetacea**

propinqua (Nees) Kunth var. *minor* Mast. = **E. juncea**

racemosa (Poir.) Pers.
Dovea racemosa (Poir.) Mast. (1)
E. amoena Pillans (4)
E. bella Pillans (4)
E. fusca N.E.Br. (1)
Restio racemosus Poir. (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 305–1830 m. WC, EC

rehmannii Mast. = **E. filacea**

rigida Mast.
E. obtusiflora Mast. (4)
E. parviflora Pillans var. *rigida* (Mast.) Pillans (4)
E. spathacea Mast. var. *attenuata* Pillans (4)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 300–900 m. WC

spathacea Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1.5 m. Alt 50–1525 m. WC

spathacea Mast. var. *attenuata* Pillans = **E. rigida**

squamosa Mast.
E. pectinata Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.1–0.2 m. Alt 120–155 m. WC

stipularis Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 15–500 m. WC

stokoei Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 914–1070 m. WC

thyrsifera (Rottb.) Pers.
E. acuminata Mast. (1)
Restio thyrsifer Rottb. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–2 m. Alt 30–1000 m. WC, EC

thyrsoidea (Mast.) Pillans
Dovea thyrsoidea Mast. (1)
Perennial. Shrub, restioid. Ht 1.3–1.8 m. Alt 200–1220 m. WC, EC

vaginulata Mast.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.55 m. Alt 100–1525 m. WC, EC

verreauxii Mast.
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 100–120 m. WC

verticillaris (L.f.) Kunth = **E. capensis**

HYDROPHILUS H.P.Linder 0804160

(1) Linder. 1984. *Bothalia* 15: 66.
(2) Linder. 1985. *Bothalia* 15: 484.

rattrayi (Pillans) H.P.Linder
Leptocarpus rattrayi Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.76 m. Alt 765–1980 m. WC, EC

HYPODISCUS Nees 0804190

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 399–410.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 353–355.
(3) Pillans. 1952. *Journal of South African Botany* 18: 121, 122.
(4) Linder. 1985. *Bothalia* 15: 488–493.
(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 489, 490, 492.

albo-aristatus (Nees) Mast.
H. albo-aristatus (Nees) Mast. var. *oliverianus* (Mast.) Pillans (4)
H. capitatus Mast. (1)
H. duplicatus Hochst. (1)
H. oliverianus Mast. (4)
Restio albo-aristatus Nees (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.76 m. Alt 20–3400 m. WC, EC

albo-aristatus (Nees) Mast. var. *oliverianus* (Mast.) Pillans = **H. albo-aristatus**

alternans Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.55 m. Alt ?–300 m. WC

argenteus (Thunb.) Mast.
Restio argenteus Thunb. (1)
Thamnochortus argenteus (Thunb.) Kunth (4)
Willdenowia simplex N.E.Br. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 75–2300 m. WC, EC

aristatus (Thunb.) C.Krauss
H. aristatus (Thunb.) C.Krauss var. *bicolor* Mast. (1)
H. aristatus (Thunb.) C.Krauss var. *protractus* (Mast.) Pillans (4)
H. protractus Mast. (4)
Restio aristatus Thunb. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–1.2 m. Alt 50–1450 m. WC, EC

aristatus (Thunb.) C.Krauss var. *bicolor* Mast. = **H. aristatus**

aristatus (Thunb.) C.Krauss var. *protractus* (Mast.) Pillans = **H. aristatus**

binatus (Steud.) Mast. = **H. laevigatus**

capitatus Mast. = **H. albo-aristatus**

dodii Mast. = **Willdenowia humilis**

duplicatus Hochst. = **H. albo-aristatus**

eximius Mast. = **H. neesii**

gracilis Mast. = **H. striatus**

laevigatus (Kunth) H.P.Linder
Boeckhia laevigata Kunth (4)
Dovea binata Steud. (4)
H. binatus (Steud.) Mast. (4)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 260–1370 m. WC, EC

montanus Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1500–1630 m. WC

neesii Mast.
H. eximius Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–0.9 m. Alt 45–1800 m. WC

oliverianus Mast. = **H. albo-aristatus**

paludosus Pillans = **H. rugosus**

parkeri Pillans = **H. rugosus**

procurrens Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt ?–60 m. WC

protractus Mast. = **H. aristatus**

rigidus Mast.
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 20–600 m. WC

rugosus Mast.
H. paludosus Pillans (4)
H. parkeri Pillans (4)
H. tristachyus Mast. (4)
H. zeyheri Mast. (4)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt ?–245 m. WC

squamosus Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.6 m. Alt 900–1220 m. WC

striatus (Kunth) Mast.
Boeckhia striata Kunth (1)
H. gracilis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.76 m. Alt 45–1900 m. NC, WC, EC

sulcatus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–945 m. WC

synchroolepis (Steud.) Mast.
Restio synchroolepis Steud. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 330–1570 m. WC, EC

tristachyus Mast. = **H. rugosus**

willdenowia (Nees) Mast.
Lepidanthus willdenowia Nees (1)
Restio sulcatus Kunth, illegitimate name (1)
Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.4 m. Alt 70–1370 m. WC, EC

zeyheri Mast. = **H. rugosus**

HYPOLAENA R.Br. 0804182

anceps Mast. = **Platycaulos anceps**
aspera Mast. = **Calopsis aspera**
bachmannii Mast. = **Restio triticeus**
browniana Mast. = **Restio debilis**
burchellii Mast. = **Calopsis membranacea**
conspicua Mast. = **Restio dispar**
crinalis (Mast.) Pillans = **Anthochortus crinalis**
decipiens N.E.Br. = **Restio decipiens**
diffusa Mast. = **Restio versatilis**
digitata (Thunb.) Pillans = **Mastersiella digitata**
eckloniana Mast. = **Mastersiella digitata**
filiformis Mast. = **Calopsis filiformis**
foliosa Mast. = **Anthochortus graminifolius**
gracilis Mast. = **Calopsis gracilis**
graminifolia (Kunth) Pillans = **Anthochortus graminifolius**
hyalina Mast. = **Calopsis hyalina**
impolita (Kunth) Mast. = **Calopsis impolita**
incerta Mast. = **Mastersiella digitata**
laxiflora Nees = **Anthochortus laxiflorus**
membranacea Mast. = **Restio dodii**
purpurea Pillans = **Mastersiella purpurea**
schlechteri Mast. = **Restio occultus**
spathulata Pillans = **Mastersiella spathulata**
stokoei Pillans = **Anthochortus laxiflorus**
subtilis Mast. = **Restio debilis**
tabularis Pillans = **Anthochortus crinalis**
tenuis Mast. = **Anthochortus ecklonii**
tenuissima Pillans = **Ischyrolepis tenuissima**
virgata Mast. = **Restio debilis**

ISCHYROLEPIS Steud. 0804030

(1) Linder. 1985. *Bothalia* 15: 397–418.
(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 397–418.
(3) Linder. 1990. *South African Journal of Botany* 56: 456, 457.

affinis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–1050 m. WC

arida (Pillans) H.P.Linder
Restio aridus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–1980 m. NC, WC

caespitosa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.1–0.2 m. Alt ?–600 m. WC

capensis (L.) H.P.Linder
Restio cuspidatus Thunb. (1)
Restio dichotomus L., illegitimate name (1)
Restio sprengelii Mast. (1)
Restio squarrosus Poir. (1)
Schoenus capensis L. (1)
Thamnochortus dichotomus (L.) Spreng., illegitimate name (1)
Perennial. Dwarf shrub, restioid. Ht 0.25–0.68 m. Alt 2–1555 m. NC, WC, EC

cincinnata (Mast.) H.P.Linder
Restio cincinnatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 25–610 m. NC, WC

coactilis (Mast.) H.P.Linder
Restio coactilis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–600 m. WC

curvibracteata Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1200–1595 m. WC

curviramis (Kunth) H.P.Linder
Restio curviramis Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 305–1830 m. WC

distracta (Mast.) H.P.Linder
Restio distractus Mast. (1)
Restio laniger Kunth var. *distractus* (Mast.) Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2000 m. WC, EC

duthieae (Pillans) H.P.Linder
Restio duthieae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 40–400 m. WC

eleocharis (Mast.) H.P.Linder
Restio eleocharis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 5–230 m. WC, EC

esterhuyseniae (Pillans) H.P.Linder
Restio esterhuyseniae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1800 m. WC

feminea Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–50 m. WC

fraterna (Kunth) H.P.Linder
Restio fraternus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 625–1675 m. WC

fuscidula (Pillans) H.P.Linder
Restio fuscidulus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 900–1700 m. WC

gaudichaudiana (Kunth) H.P.Linder
Restio cirratus Mast. (1)
Restio elatus Mast. (1)
Restio ferruginosus Kunth (1)
Restio gaudichaudianus Kunth var. *gaudichaudianus* (1)
Restio gaudichaudianus Kunth var. *luxurians* Pillans (1)
Restio gaudichaudianus Kunth var. *microstachyus* Mast., illegitimate name (1)
Restio luceanus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.35–1.5 m. Alt 20–2100 m. WC, EC

gossypina (Mast.) H.P.Linder
Restio gossypinus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1.4 m. Alt 460–1830 m. NC, WC

helenae (Mast.) H.P.Linder
Restio helenae Mast. (1)
Restio procurrens Mast. (1)
Restio productus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 2 m. Alt 200–670 m. KZN, WC, EC

hystrix (Mast.) H.P.Linder
Restio hystrix Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.5–1.5 m. Alt 305–1950 m. WC, EC

karooica Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt ?–1000 m. WC

laniger (Kunth) H.P.Linder
Restio laniger Kunth var. *laniger* (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 305–2100 m. NC, WC

leptoclados (Mast.) H.P.Linder
Restio leptoclados Mast. (1)
Restio penicillatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 10–250 m. WC

longiaristata H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1000 m. NC, WC

macer (Kunth) H.P.Linder
Restio macer Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 60–1370 m. NC, WC

marlothii (Pillans) H.P.Linder
Restio marlothii Pillans (1)
Restio marlothii Pillans var. *parviflorus* Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1525 m. NC, WC

monanthos (Mast.) H.P.Linder
Restio monanthos Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1 m. Alt 200–1160 m. NC, WC

nana Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.2 m. Alt ?–1950 m. WC

nubigena Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 1650–2010 m. WC

ocreata (Kunth) H.P.Linder
Restio ocreatus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1.5 m. Alt 700–1830 m. NC, WC

paludosa (Pillans) H.P.Linder
Restio paludosus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1200 m. WC

papillosa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.5 m. Alt 0–300 m. WC, EC

pratensis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt 0–300 m. WC

pygmaea (Pillans) H.P.Linder
Restio pygmaeus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.07–0.2 m. Alt 1500–2200 m. WC

rivula Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 900–1300 m. WC

rottboellioides (Kunth) H.P.Linder
Restio rottboellioides Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.2 m. Alt 800–1200 m. NC, WC

sabulosa (Pillans) H.P.Linder
Restio sabulosus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–50 m. WC

saxatilis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 300–1200 m. WC

schoenoides (Kunth) H.P.Linder
Restio schoenoides Kunth (1)
Restio sieberi Kunth var. *schoenoides* (Kunth) Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 125–2475 m. LIM, M, FS, KZN, L, WC, EC

setiger (Kunth) H.P.Linder
Restio fuirenoides Kunth (1)
Restio setiger Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 900–1200 m. WC

sieberi (Kunth) H.P.Linder
Restio consimilis Mast. (1)
Restio divaricatus Mast. (1)
Restio intermedius Kunth, illegitimate name (1)
Restio neesii Mast. (1)
Restio pycnostachyus Mast.
Restio scoparius Kunth (1)
Restio sieberi Kunth (1)
Restio sieberi Kunth var. *venustulus* (Kunth) Pillans (1)
Restio spiculatus Mast. (1)
Restio subfalcatus Mast. (1)
Restio venustulus Kunth (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1.5 m. Alt 200–2010 m. NC, WC, EC

sporadica Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.25 m. Alt? WC

subverticillata Steud.
Restio ameles Steud. (1)
Restio subverticillatus (Steud.) Mast. (1)
Perennial. Shrub, restioid. Ht 1.5–2 m. Alt 275–1250 m. WC

tenuissima (Kunth) H.P.Linder
Hypolaena tenuissima Pillans (1)
Restio ludwigii Steud. (1)
Restio nutans Steud. (1)
Restio tenuissimus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 30–1525 m. WC

triflora (Rottb.) H.P.Linder
Restio araneosus Mast. (1)
Restio kunthii Steud. (1)
Restio triflorus Rottb. (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.9 m. Alt 100–760 m. WC, EC

unispicata H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt ?–950 m. WC

vilis (Kunth) H.P.Linder
Restio vilis Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–1700 m. NC

virgea (Mast.) H.P.Linder
Restio virgeus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 765–1920 m. WC

wallichii (Mast.) H.P.Linder
Restio humilis Pillans (1)
Restio wallichii Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt ?–1525 m. NC, WC

wittebergensis Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1830 m. WC

LAMPROCAULIS Mast. 0804045

grandis (Nees) Nees = **Elegia grandis**
neesii (Mast.) Mast. = **Elegia neesii**
schlechteri Gilg-Ben. = **Elegia neesii**

LEPIDANTHUS Nees 0804165

willdenowia Nees = **Hypodiscus willdenowia**

LEPTOCARPUS R.Br. 0804105

andreaeanus Pillans = **Calopsis andreaeana**
asper (Mast.) Pillans = **Calopsis aspera**
burchellii Mast. = **Calopsis burchellii**
cymosus Mast. = **Restio cymosus**
distichus (Rottb.) Pillans = **Restio distichus**
divaricatus Mast. = **Restio tuberculatus**
ejuncidus (Mast.) Pillans = **Restio ejuncidus**
esterhuyseniae Pillans = **Calopsis esterhuyseniae**
festucaceus (Kunth) Mast. = **Calopsis viminea**
fruticosus Mast. = **Calopsis fruticosa**
gracilis (Mast.) Pillans = **Calopsis gracilis**
hyalinus (Mast.) Pillans = **Calopsis hyalina**
impolitus (Kunth) Pillans = **Calopsis impolita**
incurvatus Pillans, illegitimate name = **Calopsis viminea**
incurvatus (Thunb.) Mast., illegitimate name = **Willdenowia incurvata**
intermedius Pillans = **Restio degenerans**
levynsiae Pillans = **Calopsis levynsiae**
marlothii Pillans = **Calopsis marlothii**
membranaceus Pillans = **Calopsis membranacea**
monostylis Pillans = **Calopsis monostylis**
muirii Pillans = **Calopsis muirii**
neglectus (Hochst.) Mast. = **Restio multiflorus**
nudiflorus Pillans = **Calopsis nudiflora**
oxylepis (Kunth) Mast. = **Calopsis viminea**
paniculatus (Rottb.) Mast. = **Calopsis paniculata**
parkeri Pillans = **Restio festuciformis**
peronatus (Kunth) Mast. = **Calopsis viminea**
peronatus (Kunth) Mast. var. *hirtellus* (Kunth) Mast. = **Calopsis viminea**
ramosissimus Pillans = **Calopsis gracilis**
rattrayi Pillans = **Hydrophilus rattrayi**
rigidus Mast. = **Calopsis rigida**
rigoratus Mast. = **Calopsis rigorata**
rigoratus Mast. var. *simulans* Pillans = **Calopsis rigorata**
secundus Pillans = **Restio secundus**
stokoei Pillans = **Restio pillansii**
vimineus (Rottb.) Pillans = **Calopsis viminea**
vimineus (Rottb.) Pillans var. *hirtellus* (Kunth) Pillans = **Calopsis viminea**

MASTERSIELLA Gilg-Ben. 0804180

(1) Linder. 1985. *Bothalia* 15: 487, 488.

browniana (Mast.) Gilg-Ben. = **Restio debilis**
diffusa (Mast.) Gilg-Ben. = **Restio versatilis**

digitata (Thunb.) Gilg-Ben.
Calorophus digitatus (Thunb.) Kuntze (1)
Hypolaena digitata (Thunb.) Pillans (1)
Hypolaena eckloniana Mast. (1)
Hypolaena incerta Mast. (1)
Restio digitatus Thunb. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m. Alt 15–1220 m. WC, EC

foliosa (Mast.) Gilg-Ben. = **Anthochortus graminifolius**
hyalina (Mast.) Gilg-Ben. = **Calopsis hyalina**
laxiflora (Nees) Gilg-Ben. = **Anthochortus laxiflorus**

purpurea (Pillans) H.P.Linder
Hypolaena purpurea Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.75–1 m. Alt 730–1400 m. WC, EC

spathulata (Pillans) H.P.Linder
Hypolaena spathulata Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1 m. Alt 20–1950 m. WC, EC

MESANTHUS Nees 0804145

macrocarpus Nees, illegitimate name = **Cannomois parviflora**

NEMATANTHUS Nees 0804205

ecklonii Nees = **Willdenowia incurvata**

NEVILLEA Esterh. & H.P.Linder 0804150

(1) Linder. 1984. *Bothalia* 15: 66.
(2) Linder. 1985. *Bothalia* 15: 482–484.
(3) Esterhuysen. 1985. In Linder in *Bothalia* 15: 484.

obtusissima (Steud.) H.P.Linder
Restio obtusissimus Steud. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.9 m. Alt 400–1220 m. WC

singularis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 1000–1200 m. WC

PHYLLOCOMOS Mast. 0804185

insignis Mast. = **Anthochortus insignis**

PLATYCAULOS H.P.Linder 0804080

(1) Linder. 1984. *Bothalia* 15: 64.
(2) Linder. 1985. *Bothalia* 15: 434–437.
(3) Esterhuysen. 1985. In Linder in *Bothalia* 15: 434, 436.

acutus Esterh.
Perennial. Herb, restioid. Ht up to 0.5 m. Alt 1350–1595 m. WC

anceps (Mast.) H.P.Linder
Calorophus anceps (Mast.) Kuntze (2)
Hypolaena anceps Mast. (2)
Restio anceps (Mast.) Pillans (2)
Restio aspericaulis Pillans (2)
Perennial. Herb, restioid. Ht 0.25–0.3 m. Alt 455–1220 m. WC

callistachyus (Kunth) H.P.Linder
Restio callistachyus Kunth (2)
Restio concolor Steud. (2)
Restio fastigiatus Mast., illegitimate name (2)
Restio mastersii F.Muell., illegitimate name (2)
Restio polystachyus Kunth (2)
Restio spinulosus Kunth (2)
Perennial. Shrub or dwarf shrub, restioid. Ht 1.2–2.5 m. Alt 75–1675 m. WC, EC

cascadensis (Pillans) H.P.Linder
Restio cascadensis Pillans (2)
Perennial. Dwarf shrub or herb, restioid. Ht 0.3–0.9 m. Alt ?–1220 m. WC

compressus (Rottb.) H.P.Linder
Restio compressus Rottb. (1)
Restio praefixus Mast. (2)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1 m. Alt 10–1220 m. WC, EC

depauperatus (Kunth) H.P.Linder
Restio depauperatus Kunth (2)
Perennial. Herb, restioid. Ht 0.2–0.4 m. Alt 155–1065 m. WC

major (Mast.) H.P.Linder
Restio compressus Rottb. var. *major* Mast. (2)
Restio major (Mast.) Pillans (2)
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.8 m. Alt 155–1000 m. WC, EC

subcompressus (Pillans) H.P.Linder
Restio subcompressus Pillans (2)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt ?–765 m. WC

RESTIO Rottb. 0804090

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 210–297.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 339–342.
(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 245–255.
(4) Pillans. 1952. *Journal of South African Botany* 18: 101–106.
(5) Linder. 1985. *Bothalia* 15: 437–464.
(6) Esterhuysen. 1985. In Linder in *Bothalia* 15: 437–464.

acockii Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 100–120 m. WC

acuminatus Kunth, illegitimate name = **Cannomois parviflora**

acuminatus Thunb., illegitimate name = **Chondropetalum nudum**

albo-aristatus Nees = **Hypodiscus albo-aristatus**

alticola Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1500–1800 m. WC

ambiguus Mast.
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt ?–600 m. WC

ameles Steud. = **Ischyrolepis subverticillata**

anceps (Mast.) Pillans = **Platycaulos anceps**

araneosus Mast. = **Ischyrolepis triflora**

arcuatus Mast.
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 320–1180 m. WC

argenteus Thunb. = **Hypodiscus argenteus**

aridus Pillans = **Ischyrolepis arida**

aristatus Thunb. = **Hypodiscus aristatus**

aspericaulis Pillans = **Platycaulis anceps**

asperiflorus Nees = **Elegia asperiflora**

aureolus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt ?–1676 m. WC

bifarius Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 200–1525 m. WC

bifidus Thunb.
R. pseudoleptocarpus Kunth (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 15–1525 m. WC

bifurcus Mast.
Perennial. Dwarf shrub, restioid. Ht 0.45–1 m. Alt 5–1525 m. WC

bigeminus Mast., illegitimate name = **R. micans**

bolusii Pillans
Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–1630 m. WC

brachiatus (Mast.) Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1 m. Alt 245–1890 m. NC, WC

brownianus (Mast.) Pillans = **R. debilis**

brunneus Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1 m. Alt ?–1425 m. WC

burchellii Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 75–1220 m. WC

callistachyus Kunth = **Platycaulos callistachyus**

capillaris Kunth
R. implexus Mast. (1)
R. perplexus Kunth var. *gracilis* Mast. (1)

Perennial. Herb, restioid. Ht 0.3–0.6 m. Alt ?–245 m. WC

cascadensis Pillans = **Platycaulos cascadensis**

cernuus L.f. = **Staberoha cernua**

chondropetalum Nees, illegitimate name = **Chondropetalum deustum**

cincinnatus Mast. = **Ischyrolepis cincinnata**

cirratus Mast. = **Ischyrolepis gaudichaudiana**

coactilis Mast. = **Ischyrolepis coactilis**

colliculospermus H.P.Linder
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 600–1500 m. WC

communis Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt ?–275 m. WC

comosus N.E.Br. = **Rhodocoma gigantea**

compressus Rottb. = **Platycaulos compressus**

compressus Rottb. var. *major* Mast. = **Platycaulos major**

concolor Steud. = **Platycaulos callistachyus**

confusus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1065 m. WC

consimilis Mast. = **Ischyrolepis sieberi**

conspicuus (Mast.) Pillans = **R. dispar**

corneolus Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.9 m. Alt 305–1555 m. WC

crinalis Mast. = **Anthochortus crinalis**

curviramis Kunth = **Ischyrolepis curviramis**

cuspidatus Thunb. = **Ischyrolepis capensis**

cymosus (Mast.) Pillans
Leptocarpus cymosus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.5–1.5 m. Alt ?–1615 m. NC, WC

debilis Nees
Calorophus virgatus (Mast.) Kuntze (5)
Hypolaena browniana Mast. (5)
Hypolaena subtilis Mast. (5)
Hypolaena virgata Mast. (5)
Mastersiella browniana (Mast.) Gilg-Ben. (5)
R. brownianus (Mast.) Pillans (5)
R. debilis Nees var. *subulatus* (Mast.) Pillans (5)
R. subulatus Mast. (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 305–1500 m. WC

debilis Nees var. *subulatus* (Mast.) Pillans = **R. debilis**

decipiens (N.E.Br.) H.P.Linder
Hypolaena decipiens N.E.Br. (5)
Perennial. Herb, restioid. Ht 0.3–0.5 m. Alt ?–1524 m. WC

degenerans Pillans
Leptocarpus intermedius Pillans (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.25 m. Alt 915–1770 m. WC

depauperatus Kunth = **Platycaulos depauperatus**

dichotomus L., illegitimate name = **Ischyrolepis capensis**

digitatus Thunb. = **Mastersiella digitata**

dimorphostachyus Mast. = **R. pachystachyus**

dispar Mast.
Hypolaena conspicua Mast. (1)
R. conspicuus (Mast.) Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.53–1 m. Alt 45–1525 m. WC

distachyos Rottb. = **Staberoha distachyos**

distans Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 915–1220 m. WC

distichus Rottb.
Leptocarpus distichus (Rottb.) Pillans (5)
R. punctulatus Mast. (5)
Staberoha disticha (Rottb.) T.Durand & Schinz (5)
Thamnochortus distichus (Rottb.) Mast. (5)
Thamnochortus membranaceus Mast. (5)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 110–1525 m. WC

distractus Mast. = **Ischyrolepis distracta**

divaricatus Mast. = **Ischyrolepis sieberi**

dodii Pillans
Hypolaena membranacea Mast. (1)
R. dodii Pillans var. *purpureus* Pillans (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 20–245 m. WC

dodii Pillans var. *purpureus* Pillans = **R. dodii**

duthieae Pillans = **Ischyrolepis duthieae**

echinatus Kunth
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 915–1675 m. WC

ecklonii Mast. = **Calopsis viminea**

egregius Hochst.
R. egregius Hochst. var. *nutans* Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1.5 m. Alt 10–1800 m. WC

egregius Hochst. var. *nutans* Mast. = **R. egregius**

ejuncidus Mast.
Leptocarpus ejuncidus (Mast.) Pillans (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–915 m. WC

elatus Mast. = **Ischyrolepis gaudichaudiana**

elegans Poir. = **Cannomois virgata**

elegia Murray, illegitimate name = **Elegia juncea**

eleocharis Mast. = **Ischyrolepis eleocharis**

elongatus Thunb. = **Thamnochortus erectus**

erectus Thunb. = **Thamnochortus erectus**

esterhuyseniae Pillans = **Ischyrolepis esterhuyseniae**

exilis Mast.
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–825 m. WC

fastigiatus Mast., illegitimate name = **Platycaulos callistachyus**

ferruginosus Kunth = **Ischyrolepis gaudichaudiana**

festuciformis Mast.
Leptocarpus parkeri Pillans (5)
Perennial. Dwarf shrub, restioid. Ht 0.35–0.6 m. Alt 25–765 m. WC

filicaulis Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt ?–1200 m. WC

filiformis Poir.
Craspedolepis verreauxii Steud. (1)
R. filiformis Poir. var. *monostachyus* (Mast.) Mast. (1)

R. filiformis Poir. var. *oligostachyus* (Mast.) Mast. (1)
R. garnotianus Kunth (1)
R. garnotianus Kunth var. *monostachyus* Mast. (1)
R. garnotianus Kunth var. *oligostachyus* Mast. (1)
R. monostachyus Steud. (1)
R. multicurvus N.E.Br. (1)
R. oligostachyus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.75 m. Alt 45–1675 m. NC, WC

filiformis Poir. var. *monostachyus* (Mast.) Mast. = **R. filiformis**

filiformis Poir. var. *oligostachyus* (Mast.) Mast. = **R. filiformis**

foliosus N.E.Br. = **Rhodocoma gigantea**

fourcadei Pillans
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–900 m. WC, EC

fragilis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–915 m. WC

fraternus Kunth = **Ischyrolepis fraterna**

fruticosus Thunb. = **Rhodocoma fruticosa**

fuirenoides Kunth = **Ischyrolepis setiger**

furcatus Mast. = **R. pachystachyus**

fuscidulus Pillans = **Ischyrolepis fuscidula**

fusiformis Pillans
Perennial. Dwarf shrub, restioid. Ht 0.4–0.5 m. Alt 450–900 m. WC

galpinii Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.2–0.5 m. Alt 305–2560 m. KZN, EC

garnotianus Kunth = **R. filiformis**

garnotianus Kunth var. *monostachyus* Mast. = **R. filiformis**

garnotianus Kunth var. *oligostachyus* Mast. = **R. filiformis**

gaudichaudianus Kunth var. *gaudichaudianus* = **Ischyrolepis gaudichaudiana**

gaudichaudianus Kunth var. *luxurians* Pillans = **Ischyrolepis gaudichaudiana**

gaudichaudianus Kunth var. *microstachyus* Mast., illegitimate name = **Ischyrolepis gaudichaudiana**

giganteus (Kunth) N.E.Br. = **Rhodocoma gigantea**

glomeratus Thunb. = **Willdenowia glomerata**

gossypinus Mast. = **Ischyrolepis gossypina**

graminifolius Kunth = **Anthochortus graminifolius**

grandis Nees = **Elegia grandis**

harveyi Mast.
Perennial. Dwarf shrub, restioid. Ht 0.1–0.15 m. Alt ± 50–200 m. WC

helenae Mast. = **Ischyrolepis helenae**

humilis Pillans = **Ischyrolepis wallichi**

hystrix Mast. = **Ischyrolepis hystrix**

imbricatus Thunb. = **Staberoha distachyos**

implexus Mast. = **R. capillaris**

implicatus Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 675–1570 m. WC

impolitus Kunth = **Calopsis impolita**

inconspicuus Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 600–1400 m. WC

incurvatus Pillans, illegitimate name = **Calopsis viminea**

incurvatus Thunb. = **Willdenowia incurvata**

ingens Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 900–1370 m. WC

insignis Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1700 m. WC

intermedius Kunth, illegitimate name = **Ischyrolepis sieberi**

intermedius Steud. = **Elegia intermedia**

intricatus Mast. = **R. patens**

inveteratus Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 915–1525 m. WC

involutus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.5–0.6 m. Alt ?–1200 m. WC

junceus (L.) Nees = **Elegia juncea**

kunthii Steud. = **Ischyrolepis triflora**

laniger Kunth var. *distractus* (Mast.) Pillans = **Ischyrolepis distracta**

laniger Kunth var. *laniger* = **Ischyrolepis laniger**

leptoclados Mast. = **Ischyrolepis leptoclados**

leptostachyus Kunth
R. pusillus Pillans (5)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.7 m. Alt 455–760 m. WC

luceanus Kunth = **Ischyrolepis gaudichaudiana**

lucens Poir. = **Thamnochortus lucens**

lucens Poir. var. *minor* Mast. = **Thamnochortus lucens**

ludwigii Steud. = **Ischyrolepis tenuissima**

macer Kunth = **Ischyrolepis macer**

macowanii Pillans = **Rhodocoma fruticosa**

major (Mast.) Pillans = **Platycaulos major**

marlothii Pillans = **Ischyrolepis marlothii**

marlothii Pillans var. *parviflorus* Pillans = **Ischyrolepis marlothii**

mastersii F.Muell., illegitimate name = **Platycaulos callistachyus**

membranaceus Nees = **Elegia intermedia**

micans Nees
R. bigeminus Mast., illegitimate name (1)
Thamnochortus micans (Nees) Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–30 m. WC

miser Kunth
Perennial. Dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 990–1525 m. WC

monanthos Mast. = **Ischyrolepis monanthos**

monostachyus Steud. = **R. filiformis**

montanus Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1200–1350 m. WC

mucronatus Nees = **Chondropetalum mucronatum**

multicurvus N.E.Br. = **R. filiformis**

multiflorus Spreng.
Calopsis neglecta Hochst. (1)
Leptocarpus neglectus (Hochst.) Mast. (1)
R. multiflorus Spreng. var. *tuberculatus* Pillans (5)
R. protractus Mast. (1)

Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 365–1590 m. WC

multiflorus Spreng. var. *tuberculatus* Pillans = **R. multiflorus**

neesii Mast. = **Ischyrolepis sieberi**

nodosus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.35–0.45 m. Alt 1500–1920 m. WC

nudus (Rottb.) Nees = **Chondropetalum nudum**

nutans Steud. = **Ischyrolepis tenuissima**

nutans Thunb. = **Thamnochortus nutans**

nuwebergensis Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 800–900 m. WC

oblongus Mast. = **Anthochortus crinalis**

obscurus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 990–1830 m. WC

obtusissimus Steud. = **Nevillea obtusissima**

occultus (Mast.) Pillans
Hypolaena schlechteri Mast. (1)
R. schlechteri (Mast.) Pillans (1)
Thamnochortus occultus Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.5 m. Alt 700–1220 m. WC

ocreatus Kunth = **Ischyrolepis ocreata**

oligostachyus Kunth = **R. filiformis**

pachystachyus Kunth
R. dimorphostachyus Mast. (1)
R. furcatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1 m. Alt 250–1525 m. WC

paludosus Pillans = **Ischyrolepis paludosa**

paniculatus Rottb. = **Calopsis paniculata**

pannosus Mast. = **R. triticeus**

papyraceus Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1800–2000 m. WC

parviflorus Thunb. = **Cannomois parviflora**

patens Mast.
R. intricatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1830 m. WC

pauciflorus Poir. = **Calopsis viminea**

peculiaris Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 1350–1585 m. WC

pedicellatus Mast.
R. sonderianus Mast. (5)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 455–1675 m. WC

penicillatus Mast. = **Ischyrolepis leptoclados**

perplexus Kunth
R. scopula Mast. (1)
R. trichocaulis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 5–1675 m. WC

perplexus Kunth var. *gracilis* Mast. = **R. capillaris**

perseverans Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 915–1220 m. WC

pillansii H.P.Linder
Leptocarpus stokoei Pillans (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1000–1585 m. WC

polystachyus Kunth = **Platycaulos callistachyus**

pondoensis Mast. = **Calopsis paniculata**

praeacutus Mast.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–210 m. WC

praefixus Mast. = **Platycaulos compressus**

procurrens Mast. = **Ischyrolepis helenae**

productus Mast. = **Ischyrolepis helenae**

propinquus Nees = **Elegia juncea**

protractus Must. = **R. multiflorus**

pseudoleptocarpus Kunth = **R. bifidus**

pulvinatus Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 1350–1900 m. WC

pumilis Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.25 m. Alt 0–1300 m. WC

punctulatus Mast. = **R. distichus**

purpurascens Mast.
Perennial. Shrub, restioid. Ht 0.6–1.2 m. Alt 490–1220 m. WC

pusillus Pillans = **R. leptostachyus**

pycnostachyus Mast. = **Ischyrolepis sieberi**

pygmaeus Pillans = **Ischyrolepis pygmaea**

quadratus Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–2 m. Alt 50–1430 m. WC

quinquefarius Nees
R. xyridioides Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 5–350 m. WC

racemosus Poir. = **Elegia racemosa**

ramiflorus Nees = **Calopsis paniculata**

rarus Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–1675 m. WC

rhodocoma Mast. = **Rhodocoma capensis**

rottboellioides Kunth = **Ischyrolepis rottboellioides**

rupicola Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–1220 m. WC

sabulosus Pillans = **Ischyrolepis sabulosa**

sarocladus Mast.
R. tabularis Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 455–1370 m. WC

scaber Mast.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–600 m. WC

scaberulus N.E.Br.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 90–610 m. WC

scariosus Thunb., illegitimate name = **Thamnochortus fruticosus**

schlechteri (Mast.) Pillans = **R. occultus**

schoenoides Kunth = **Ischyrolepis schoenoides**

scopa Thunb. = **Cannomois virgata**

scoparius Kunth = **Ischyrolepis sieberi**

scopula Mast. = **R. perplexus**

secundus (Pillans) H.P.Linder
Leptocarpus secundus Pillans (5)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1220 m. WC

sejunctus Mast.
Perennial. Dwarf shrub, restioid. Ht 0.25–0.76 m. Alt 665–1980 m. KZN, WC, EC

setiger Kunth = **Ischyrolepis setiger**

sieberi Kunth = **Ischyrolepis sieberi**

sieberi Kunth var. *schoenoides* (Kunth) Pillans = **Ischyrolepis schoenoides**

sieberi Kunth var. *venustulus* (Kunth) Pillans = **Ischyrolepis sieberi**

similis Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 50–575 m. WC

singularis Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 1650–1890 m. WC

sonderianus Mast. = **R. pedicellatus**

sparsus Mast. = **R. strobolifer**

spicifer Poir. = **Staberoha vaginata**

spicigerus Thunb. = **Thamnochortus spicigerus**

spiculatus Mast. = **Ischyrolepis sieberi**

spinulosus Kunth = **Platycaulos callistachyus**

sprengelii Mast. = **Ischyrolepis capensis**

squarrosus Poir. = **Ischyrolepis capensis**

stereocaulis Mast.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 670–1705 m. WC

stokoei Pillans
Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 460–1220 m. WC

strictus N.E.Br.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 855–1220 m. WC

strobolifer Kunth
R. sparsus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 350–1980 m. WC

subcompressus Pillans = **Platycaulos subcompressus**

subfalcatus Mast. = **Ischyrolepis sieberi**

subtilis Mast.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1065 m. WC

subulatus Mast. = **R. debilis**

subverticillatus (Steud.) Mast. = **Ischyrolepis subverticillata**

sulcatus Kunth, illegitimate name = **Hypodiscus willdenowia**

synchroolepis Steud. = **Hypodiscus synchroolepis**

tabularis Pillans = **R. sarocladus**

tectorum L.f. = **Chondropetalum tectorum**

tenuissimus Kunth = **Ischyrolepis tenuissima**

tetragonus Thunb.
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.5 m. Alt 50–185 m. WC, EC

tetrasepalus Steud. = **Staberoha aemula**

thamnochortus Thunb. = **Thamnochortus lucens**

thyrsifer Rottb. = **Elegia thyrsifera**

trichocaulis Mast. = **R. perplexus**

triflorus Rottb. = **Ischyrolepis triflora**

triticeus Rottb.
Calopsis triticea (Rottb.) Kunth (1)
Hypolaena bachmannii Mast. (1)
R. pannosus Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 5–1525 m. KZN, WC, EC

tuberculatus Pillans
Leptocarpus divaricatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.7 m. Alt 60–1160 m. WC

umbellatus Thunb. = **Staberoha distachyos**

vaginatus Thunb. = **Staberoha vaginata**

vallis-simius H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.5–1 m. Alt ?–1000 m. EC

venustulus Kunth = **Ischyrolepis sieberi**

verrucosus Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 450–600 m. WC

versatilis H.P.Linder
Hypolaena diffusa Mast. (5)
Mastersiella diffusa (Mast.) Gilg-Ben. (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–915 m. WC

verticillaris L.f. = **Elegia capensis**

vilis Kunth = **Ischyrolepis vilis**

vimineus Rottb. = **Calopsis viminea**

virgatus Rottb. = **Cannomois virgata**

virgeus Mast. = **Ischyrolepis virgea**

wallichii Mast. = **Ischyrolepis wallichii**

xyridioides Kunth = **R. quinquefarius**

zuluensis H.P.Linder
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 5–50 m. KZN

zwartbergense Pillans
Perennial. Dwarf shrub, restioid. Ht 0.1–0.3 m. Alt 455–760 m. WC, EC

RHODOCOMA Nees 0804120

(1) Linder. 1985. *Bothalia* 15: 478, 479.
(2) Linder & Vlok. 1991. *Plant Systematics & Evolution* 175: 139–160.

alpina H.P.Linder & Vlok
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2000 m. WC

arida H.P.Linder & Vlok
Perennial. Shrub, restioid. Ht 0.8–2 m. Alt 550–940 m. WC

capensis Steud.
Restio rhodocoma Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–2 m. Alt 600–1700 m. WC, EC

fruticosa (Thunb.) H.P.Linder
Restio fruticosus Thunb. (1)
Restio macowanii Pillans (1)
Thamnochortus modestus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 100–1980 m. KZN, WC, EC

gigantea (Kunth) H.P.Linder
Restio comosus N.E.Br. (1)
Restio foliosus N.E.Br. (1)
Restio giganteus (Kunth) N.E.Br. (1)
Thamnochortus giganteus Kunth (1)
Perennial. Shrub, restioid. Ht 1.5–3 m. Alt 10–1220 m. WC, EC

gracilis H.P.Linder & Vlok
Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt 500–1400 m. WC

STABEROHA Kunth 0804020

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 384–390.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 351, 352.
(3) Pillans. 1952. *Journal of South African Botany* 18: 117–119.
(4) Linder. 1985. *Bothalia* 15: 396, 397.
(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 396, 397.

aemula (Kunth) Pillans
Restio tetrasepalus Steud. (1)
S. imbricata (Thunb.) Kunth var. *stenoptera* (Kunth) T.Durand & Schinz (1)
S. stenoptera Kunth (1)
Thamnochortus aemulus Kunth (1)
Thamnochortus imbricatus (Thunb.) Mast. var. *stenopterus* (Kunth) Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 600–1800 m. WC

banksii Pillans
Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 0–1600 m. WC

caricina (Mast.) T.Durand & Schinz = **Thamnochortus erectus**

cernua (L.f.) T.Durand & Schinz
Restio cernuus L.f. (1)
Thamnochortus cernuus (L.f.) Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 45–1370 m. WC

distachyos (Rottb.) Kunth
Restio distachyos Rottb. (1)
Restio imbricatus Thunb. (1)
Restio umbellatus Thunb. (1)
S. imbricata (Thunb.) Kunth (1)
Thamnochortus imbricatus (Thunb.) Mast. (1)
Thamnochortus umbellatus (Thunb.) Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.15–0.75 m. Alt 0–1890 m. WC

disticha (Rottb.) T.Durand & Schinz = **Restio distichus**

gracilis (Mast.) T.Durand & Schinz = **Thamnochortus gracilis**

imbricata (Thunb.) Kunth = **S. distachyos**

imbricata (Thunb.) Kunth var. *stenoptera* (Kunth) T.Durand & Schinz = **S. aemula**

multispicula Pillans
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt ?–300 m. WC

ornata Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 600–1200 m. WC

remota Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1200–2100 m. WC

stenoptera Kunth = **S. aemula**

stokoei Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2055 m. WC

vaginata (Thunb.) Pillans
Restio spicifer Poir. (1)
Restio vaginatus Thunb. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1920 m. WC

THAMNOCHORTUS P.J.Bergius 0804110

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 358–384.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 349–351.
(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 264.
(4) Pillans. 1952. *Journal of South African Botany* 18: 110–117.
(5) Linder. 1985. *Bothalia* 15: 471–478.
(6) Esterhuysen. 1985. In Linder in *Bothalia* 15: 472, 473, 477.
(7) Linder. 1990. *South African Journal of Botany* 56: 450–452.

acuminatus Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 1200–1980 m. WC

aemulus Kunth = **Staberoha aemula**

amoena H.P.Linder
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–500 m. WC

arenarius Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.8 m. Alt 0–610 m. WC

argenteus (Thunb.) Kunth = **Hypodiscus argenteus**

argenteus Pillans, illegitimate name = **T. cinereus**

bachmannii Mast.
T. sulcatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.7–0.8 m. Alt 2–400 m. NC, WC

bromoides Kunth = **T. lucens**

burchellii Mast. = **T. erectus**

canescens Mast. = **T. dumosus**

caricinus Mast. = **T. erectus**

cernuus (L.f.) Kunth = **Staberoha cernua**

cinereus H.P.Linder
T. argenteus Pillans, illegitimate name (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 30–2100 m. WC, EC

comptonii Pillans = **T. platypteris**

consanguineus Kunth = **T. nutans**

dichotomus (L.) Spreng., illegitimate name = **Ischyrolepis capensis**

dichotomus Mast. = **T. lucens**

dichotomus Mast. var. *hyalinus* Pillans = **T. lucens**

distichus (Rottb.) Mast. = **Restio distichus**

dumosus Mast.
T. canescens Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 30–225 m. WC

ecklonianus Kunth = **T. lucens**

ellipticus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–500 m. WC

elongatus (Thunb.) Mast. = **T. erectus**

erectus (Thunb.) Mast.
Restio elongatus Thunb. (1)
Restio erectus Thunb. (1)
Staberoha caricina (Mast.) T.Durand & Schinz (1)
T. burchellii Mast. (1)
T. caricinus Mast. (1)
T. elongatus (Thunb.) Mast. (1)
T. floribundus Kunth (1)
T. scirpiformis Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1.5 m. Alt 15–1370 m. WC

floribundus Kunth = **T. erectus**

fraternus Pillans
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 15–110 m. WC

fruticosus P.J.Bergius
Restio scariosus Thunb., illegitimate name (1)
T. scariosus (Thunb.) Spreng. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 10–1525 m. WC

fruticosus P.J.Bergius var. *glaber* Mast. = **T. glaber**

giganteus Kunth = **Rhodocoma gigantea**

glaber (Mast.) Pillans
T. fruticosus P.J.Bergius var. *glaber* Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 15–245 m. WC, EC

gracilis Mast.
Staberoha gracilis (Mast.) T.Durand & Schinz (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.76 m. Alt 60–1010 m. WC

guthrieae Pillans
T. lewisiae Pillans (5)
T. nervosus Pillans (5)
T. plumosus Pillans (5)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.75 m. Alt 70–670 m. WC

imbricatus (Thunb.) Mast. = **Staberoha distachyos**

imbricatus (Thunb.) Mast. var. *stenopterus* (Kunth) Mast. = **Staberoha aemula**

insignis Mast.
Perennial. Shrub, restioid. Ht 0.7–2.4 m. Alt 10–245 m. WC

karooica H.P.Linder
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 500–575 m. WC

levynsiae Pillans
Perennial. Dwarf shrub, restioid. Ht 0.8–1 m. Alt ?–610 m. WC

lewisiae Pillans = **T. guthrieae**

lucens (Poir.) H.P.Linder
Restio lucens Poir. (5)
Restio lucens Poir. var. *minor* Mast. (5)
Restio thamnochortus Thunb. (5)
T. bromoides Kunth (5)
T. dichotomus Mast. (5)
T. dichotomus Mast. var. *hyalinus* Pillans (5)
T. ecklonianus Kunth (5)
T. papillosus Pillans (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 5–1525 m. WC

maximus Kuntze = **T. spicigerus**

membranaceus Mast. = **Restio distichus**

micans (Nees) Kunth = **Restio micans**

modestus Kunth = **Rhodocoma fruticosa**

muirii Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–170 m. WC

muticus Pillans = **T. sporadicus**

nervosus Pillans = **T. guthrieae**

nutans (Thunb.) Pillans
Restio nutans Thunb. (1)
T. consanguineus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 960–1000 m. WC

obtusus Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 20–90 m. WC

occultus Mast. = **Restio occultus**

paniculatus Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–1.5 m. Alt 25–500 m. WC

papillosus Pillans = **T. lucens**

papyraceus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.5–0.6 m. Alt 1800–2057 m. WC

pellucidus Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt ?–30 m. WC

piketbergensis Pillans = **T. sporadicus**

platypteris Kunth
T. comptonii Pillans (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 600–1220 m. NC, WC

plumosus Pillans = **T. guthrieae**

pluristachyus Mast.
Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 15–120 m. WC

pulcher Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 300–915 m. WC

punctatus Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.6 m. Alt 20–765 m. NC, WC

rigidus Esterh.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 500–1500 m. WC, EC

robustus Kunth = **Cannomois virgata**

scabridus Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1220 m. WC

scariosus (Thunb.) Spreng. = **T. fruticosus**

schlechteri Pillans
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 1200–1890 m. WC

scirpiformis Mast. = **T. erectus**

scirpoides Kunth = **Cannomois scirpoides**

similis Pillans = **T. sporadicus**

spicigerus (Thunb.) Spreng.
Restio spicigerus Thunb. (1)
T. maximus Kuntze (1)
T. striatus Hochst. (1)
Perennial. Shrub, restioid. Ht 0.75–1.5 m. Alt 10–60 m. WC

sporadicus Pillans
T. muticus Pillans (5)
T. piketbergensis Pillans (5)
T. similis Pillans (5)
Perennial. Dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 25–975 m. WC

stokoei Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1200–1830 m. WC

striatus Hochst. = **T. spicigerus**

strictus Kunth = **Cannomois parviflora**

sulcatus Mast. = **T. bachmannii**

umbellatus (Thunb.) Kunth = **Staberoha distachyos**

virgatus (Rottb.) Kunth = **Cannomois virgata**

WILLDENOWIA Thunb. 0804200

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 419–431.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 355, 356.
(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 265, 266.
(4) Pillans. 1952. *Journal of South African Botany* 18: 122.
(5) Linder. 1985. *Bothalia* 15: 493–497.

affinis Pillans
Perennial. Dwarf shrub, restioid. Ht 0.6–0.8 m. Alt ?–1800 m. WC

arescens Kunth
W. brevis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1 m. Alt 50–1065 m. NC, WC

argentea (Kunth) Hieron. = **Ceratocaryum argenteum**

bolusii Pillans
Perennial. Dwarf shrub, restioid. Ht 0.5–1 m. Alt ?–1065 m. WC

brevis Mast. = **W. arescens**

compressa Thunb. = **Cannomois parviflora**

cuspidata Mast. = **W. incurvata**

decipiens N.E.Br. = **Ceratocaryum decipiens**

ecklonii (Nees) Kunth = **W. incurvata**

ecklonii (Nees) T.Durand & Schinz = **Anthochortus ecklonii**

esterhuyseniae Pillans = **Ceratocaryum fimbriatum**

fimbriata Kunth = **Ceratocaryum fimbriatum**

fistulosa (Mast.) Pillans = **Ceratocaryum fistulosum**

fraterna N.E.Br. = **W. teres**

galpinii N.E.Br. = **W. teres**

glomerata (Thunb.) H.P.Linder
Restio glomeratus Thunb. (5)
W. lucaeana Kunth (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m. Alt 60–1500 m. NC, WC, EC

humilis Mast.
Hypodiscus dodii Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.35 m. Alt 60–1220 m. WC

incurvata (Thunb.) H.P.Linder
Calopsis incurvata (Thunb.) Kunth, illegitimate name (5)
Leptocarpus incurvatus (Thunb.) Mast. (5)
Nematanthus ecklonii Nees (5)
Restio incurvatus Thunb. (5)
W. cuspidata Mast. (5)
W. ecklonii (Nees) Kunth (5)
W. neglecta Steud. (5)
W. striata Thunb. (5)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.35–2 m. Alt 10–1525 m. NC, WC

lucaeana Kunth = **W. glomerata**

neglecta Steud. = **W. incurvata**

peninsularis N.E.Br. = **W. teres**

purpurea Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–900 m. WC

rugosa Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.25–0.35 m. Alt 300–600 m. WC

simplex N.E.Br. = **Hypodiscus argenteus**

stokoei Pillans
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1200–1675 m. WC

striata Thunb. = **W. incurvata**

sulcata Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 60–1675 m. WC

teres Thunb.
W. fraterna N.E.Br. (1)
W. galpinii N.E.Br. (1)
W. peninsularis N.E.Br. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 15–1525 m. WC, EC

xerophila Pillans = **Ceratocaryum xerophilum**

RUPPIACEAE

Compiled by R.P. Glen & C.D.K. Cook

RUPPIA L. 0059000

(1) Obermeyer. 1966. *FSA* 1: 70–72.
(2) Gamerro. 1968. *Darwiniana* 14: 575–608.
(3) Jacobs & Brock. 1982. *Aquatic Botany* 14: 325–337.

cirrhosa (Petagna) Grande
R. spiralis L. ex Dumort. (2)
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–250 m. N, KZN, WC, EC

maritima L.
R. rostellata Koch ex Rchb. (3)
Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–200 m. N, FS, KZN, NC, WC, EC

rostellata Koch ex Rchb. = **R. maritima**

spiralis L. ex Dumort. = **R. cirrhosa**

SMILACACEAE

Compiled by R.P. Glen

SMILAX L. 1151000

(1) Baker. 1896. *FC* 6: 256.
(2) Cowley. 1989. *FTEA* Smilacaceae: 1–4.

anceps Willd.

S. kraussiana Meisn. (2)
Perennial. Shrub, climber. Ht 0.8–? m. Alt 5–1700 m. LIM, M, S, KZN, EC

kraussiana Meisn. = **S. anceps**

STRELITZIACEAE

Compiled by C. Archer

HELICONIA L. in part 1321000

alba L.f. = **Strelitzia alba**

bihai J.S.Mill. = **Strelitzia reginae**

strelitzia J.F.Gmel. = **Strelitzia reginae**

STRELITZIA Aiton 1319000

(1) Schumann. 1900. *Das Pflanzenreich* 1: 31.
(2) Wright. 1913. *FC* 5,3: 316–319.
(3) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 186.
(4) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 995.
(5) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 996.
(6) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 997.
(7) Moore & Hyypio. 1970. *Baileya* 17: 65–74.
(8) Dyer. 1972. *Bothalia* 10: 575–578.
(9) Dyer. 1975. *Bothalia* 11: 519, 520.
(10) Moore. 1975. *Baileya* 19: 171.
(11) Dyer. 1979. *The Flowering Plants of Africa* 46: t. 1804.
(12) Small *et al.* 1980. *Journal of South African Botany* 46: 167–171.

alba (L.f.) Skeels
Heliconia alba L.f. (7)
S. augusta Thunb., illegitimate name (7)
Perennial. Shrub. Ht up to 6 m. Alt ?–120 m. WC

angustifolia W.T.Aiton = **S. reginae**

augusta in sense of authors, not of Thunb., in part = **S. nicolai**

augusta Thunb., illegitimate name = **S. alba**

caudata R.A.Dyer
Perennial. Shrub. Ht up to 6 m. Alt 1060–1370 m. LIM, M, S

farinosa W.T.Aiton = **S. reginae**

gigantea J.Kern. = **S. reginae**

glauca Rich. = **S. reginae**

humilis Link = **S. reginae**

juncea Link
S. parvifolia W.T.Aiton var. *juncea* Ker Gawl. (10)
S. reginae Aiton var. *juncea* (Ker Gawl.) H.E.Moore (12)
Perennial. Herb. Ht up to 2.13 m. Alt ?–300 m. EC

nicolai Regel & Körn.
S. augusta in sense of authors, not of Thunb., in part (5)
S. quensonii Lem. (7)
Perennial. Shrub. Ht 3–6 m. Alt 5–520 m. KZN, EC

ovata W.T.Aiton = **S. reginae**

parvifolia W.T.Aiton (insufficiently known) (9)

parvifolia W.T.Aiton var. *juncea* Ker Gawl. = **S. juncea**

quensonii Lem. = **S. nicolai**

regalis Salisb., illegitimate name = **S. reginae**

reginae Aiton
Heliconia bihai J.S.Mill. (1)
Heliconia strelitzia J.F.Gmel. (1)
S. angustifolia W.T.Aiton (7)
S. farinosa W.T.Aiton (7)
S. gigantea J.Kern. (7)
S. glauca Rich. (7)
S. humilis Link (7)
S. ovata W.T.Aiton (7)
S. regalis Salisb., illegitimate name (7)
S. reginae Aiton var. *farinosa* (W.T.Aiton) Baker (7)
S. reginae Aiton var. *glauca* (Rich.) Baker (7)
S. reginae Aiton var. *humilis* (Link) Baker (7)
S. reginae Aiton var. *ovata* (W.T.Aiton) Baker (7)
S. reginae Aiton var. *rutilans* (C.Morren) K.Schum. (7)
S. rutilans C.Morren (7)
Perennial. Herb. Ht up to 2.6 m. Alt 155–600 m. KZN, EC

reginae Aiton var. *farinosa* (W.T.Aiton) Baker = **S. reginae**

reginae Aiton var. *glauca* (Rich.) Baker = **S. reginae**

reginae Aiton var. *humilis* (Link) Baker = **S. reginae**

reginae Aiton var. *juncea* (Ker Gawl.) H.E.Moore = **S. juncea**

reginae Aiton var. *ovata* (W.T.Aiton) Baker = **S. reginae**

reginae Aiton var. *rutilans* (C.Morren) K.Schum. = **S. reginae**

rutilans C.Morren = **S. reginae**

TECOPHILAEACEAE

Compiled by R.H. Archer

CYANELLA L. 1233000

(1) Baker. 1896. *FC* 6: 6, 7.
(2) Bullock. 1953. *Kew Bulletin* 8: 553.
(3) Scott. 1991. *South African Journal of Botany* 57: 34–54.

alba L.f.
Perennial. Geophyte. Ht 0.1–0.25 m. Alt 600–1200 m. NC, WC

amboensis Schinz
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–800 m. N

aquatica Oberm. ex G.Scott
Perennial. Geophyte, hydrophyte. Ht 0.1–0.4 m. Alt ± 600 m. NC

capensis L. = **C. hyacinthoides**

cygnea G.Scott
Perennial. Geophyte. Ht 0.1–0.4 m. Alt ± 950 m. NC

hyacinthoides L.
C. capensis L. (2)
C. pentheri Zahlbr. (3)
Perennial. Geophyte. Ht 0.25–0.4 m. Alt 10–2000 m. NC, WC

krauseana Dinter & G.M.Schulze = **C. ramosissima**

lineata Burch. = **C. lutea**

lutea L.f.
C. lineata Burch. (3)
C. lutea L.f. var. *angustifolia* Schinz (3)
C. lutea L.f. var. *rosea* Baker (3)
C. racemosa Schinz (3)
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 50–1150 m. NW, NC, EC

lutea L.f. var. *angustifolia* Schinz = **C. lutea**

lutea L.f. var. *rosea* Baker = **C. lutea**

orchidiformis Jacq.
Perennial. Geophyte. Ht ± 0.3 m. Alt 150–850 m. NC, WC

pentheri Zahlbr. = **C. hyacinthoides**

racemosa Schinz = **C. lutea**

ramosissima (Engl. & K.Krause) Engl. & K.Krause
C. krauseana Dinter & G.M.Schulze (3)
Perennial. Geophyte. Ht ± 0.15 m. Alt 650–800 m. N, NC

WALLERIA J.Kirk 1231000

(1) Dyer. 1961. *The Flowering Plants of Africa* 34: t. 1321.
(2) Carter. 1962. *Kew Bulletin* 16: 187–189.
(3) Manning *et al.* 2001. *Flowering Plants of Africa* 57: 44–47, t. 2168.
(4) Cowley & Brummitt. 2001. *FZ* 12, 3: 18–20.

armata Schltr. & K.Krause = **W. gracilis**

gracilis (Salisb.) S.Carter
W. armata Schltr. & K.Krause (3)
Perennial. Geophyte. Ht 0.1–0.7 m. Alt 850–1200 m. N, NC, WC

muricata N.E.Br. = **W. nutans**

nutans J.Kirk
W. muricata N.E.Br. (4)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 950–1700 m. N, B, LIM, G, NW, M, NC

TYPHACEAE

Compiled by R.P. Glen & C.D.K. Cook

TYPHA L. 0049000

(1) Anderson. 1966. *FSA* 1: 53–56.
(2) Napper. 1971. *FTEA* Typhaceae: 1–5.
Note: this genus is in urgent need of a revision to establish whether *T. capensis* is a hybrid or not and whether the present species names are correctly applied or not.

australis Schumach. = **T. domingensis**

capensis (Rohrb.) N.E.Br.
T. latifolia L. subsp. *capensis* Rohrb. (2)
Perennial. Herb, hydrophyte: hyperhydate. Ht ± 2 m. Alt 3–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

domingensis Pers.
T. australis Schumach. (2)
Perennial. Herb, hydrophyte: hyperhydate. Ht ± 2 m. Alt 900–1900 m. B

latifolia L. subsp. *capensis* Rohrb. = **T. capensis**

VELLOZIACEAE

Compiled by R.H. Archer

BARBACENIA Vand. 1247000

elegans (Balf.) Pax = **Talbotia elegans**

hereroensis Schinz = **Xerophyta viscosa**

humilis (Baker) Pax ex Burtt Davy = **Xerophyta humilis**

minuta (Baker) Dinter = **Xerophyta humilis**

naegelsbachii Dinter ex Friedr.-Holzh. = **Xerophyta equisetoides** var. **pauciramosa**

retinervis (Baker) Pax ex Burtt Davy = **Xerophyta retinervis**

rosea (Baker) Pax ex Burtt Davy = **Xerophyta schlechteri**

villosa (Baker) Pax ex Burtt Davy = **Xerophyta villosa**

viscosa (Baker) Pax ex Burtt Davy = **Xerophyta viscosa**

wentzeliana Harms = **Xerophyta equisetoides** var. **pauciramosa**

TALBOTIA Balf. 1247020

(1) Hilliard & Burtt. 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 32, 33.
(2) Smith & Ayensu. 1974. *Kew Bulletin* 29: 182–184.

elegans Balf.
Barbacenia elegans (Balf.) Pax (1)
Vellozia elegans (Balf.) Oliv. ex Hook.f. (2)
Vellozia elegans (Balf.) Oliv. ex Hook.f. var. *minor* Baker (2)
Vellozia talbotii Balf. (2)
Xerophyta elegans (Balf.) Baker (2)
Xerophyta minuta Baker (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2000 m. M, KZN

VELLOZIA Vand. 1246000

clavata (Baker) Baker = **Xerophyta retinervis**

elegans (Balf.) Oliv. ex Hook.f. = **Talbotia elegans**

elegans (Balf.) Oliv. ex Hook.f. var. *minor* Baker = **Talbotia elegans**

equisetoides (Baker) Baker = **Xerophyta equisetoides** var. **equisetoides**

hereroensis (Schinz) Baker = **Xerophyta viscosa**

humilis Baker = **Xerophyta humilis**

minuta Baker = **Xerophyta humilis**

monroi Greves = **Xerophyta villosa**
retinervis (Baker) Baker = **Xerophyta retinervis**
rosea Baker = **Xerophyta schlechteri**
schlechteri Baker = **Xerophyta schlechteri**
squarrosa (Baker) Baker = **Xerophyta squarrosa**
suaveolens Greves = **Xerophyta suaveolens** var. **suaveolens**
talbotii Balf. = **Talbotia elegans**
villosa Baker = **Xerophyta villosa**
violacea Baker = **Xerophyta villosa**
viscosa (Baker) Baker = **Xerophyta viscosa**

XEROPHYTA Juss. 1247010

(1) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 856.
(2) Coetzee *et al.* 1973. *Dinteria* 9: 3–17.
(3) Coetzee & Van der Schijff. 1973. *Journal of South African Botany* 39: 269.
(4) Coetzee. 1974. *Dinteria* 10: 19–33.
(5) Smith & Ayensu. 1974. *Kew Bulletin* 29: 181–203.
(6) Hilliard. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 405.

clavata Baker = **X. retinervis**
elegans (Balf.) Baker = **Talbotia elegans**

equisetoides Baker var. **equisetoides**
Vellozia equisetoides (Baker) Baker (5)
X. melleri Baker (5)
X. retinervis Baker var. *equisetoides* (Baker) Coetzee (5)
Perennial. Herb. Ht 0.2–1 m. Alt 600–900 m. LIM, M

equisetoides Baker var. **pauciramosa** L.B.Sm. & Ayensu
Barbacenia naegelsbachii Dinter ex. Friedr.-Holzh. (5)
Barbacenia wentzeliana Harms (5)
X. retinervis Baker var. *wentzeliana* (Harms) Coetzee (5)
X. wentzeliana (Harms) Sölch (5)
Perennial. Herb. Ht 0.2–1.2 m. Alt 600–800 m. N, LIM

humilis (Baker) T.Durand & Schinz
Barbicenia humilis (Baker) Pax ex Burtt Davy (5)
Barbicenia minuta (Baker) Dinter (5)
Vellozia humilis Baker (4)
Vellozia minuta Baker (5)
Perennial. Herb. Ht 0.01–0.1 m. Alt 800–1600 m. N, B, LIM, NW, G

longicaulis Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt ± 2025 m. KZN

melleri Baker = **X. equisetoides** var. **equisetoides**
minuta Baker = **Talbotia elegans**

retinervis Baker
Barbacenia retinervis (Baker) Pax ex Burtt Davy (5)
Vellozia clavata (Baker) Baker (5)
Vellozia retinervis (Baker) Baker (5)
X. clavata Baker (5)
Perennial. Herb. Ht 0.3–2 m. Alt 1100–1800 m. B, LIM, NW, G, M, S, KZN

retinervis Baker var. *equisetoides* (Baker) Coetzee = **X. equisetoides** var. **equisetoides**
retinervis Baker var. *wentzeliana* (Harms) Coetzee = **X. equisetoides** var. **pauciramosa**

schlechteri (Baker) N.L.Menezes
Barbacenia rosea (Baker) Pax ex Burtt Davy (5)
Vellozia rosea Baker (5)
Vellozia schlechteri Baker (3)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1250–1700 m. LIM, M

squarrosa Baker
Vellozia squarrosa (Baker) Baker (5)
Perennial. Herb. Ht 0.2–1.2 m. Alt 800–1200 m. N

suaveolens (Greves) N.L.Menezes var. **suaveolens**
Vellozia suaveolens Greves (5)
Perennial. Herb. Ht? Alt? B

villosa (Baker) L.B.Sm. & Ayensu
Barbacenia villosa (Baker) Pax ex Burtt Davy (5)
Vellozia monroi Greves (5)
Vellozia villosa Baker (5)
Vellozia violacea Baker (5)
Perennial. Herb. Ht 0.2–1.2 m. Alt 1450–1800 m. S, KZN

viscosa Baker
Barbacenia hereroensis Schinz (5)
Barbacenia viscosa (Baker) Pax ex Burtt Davy (5)
Vellozia hereroensis (Schinz) Baker (5)
Vellozia viscosa (Baker) Baker (5)
Perennial. Herb. Ht 0.02–0.4 m. Alt 850–1800 m. N, B, LIM, NW, G, M, FS, KZN, L, EC

wentzeliana (Harms) Sölch = **X. equisetoides** var. **pauciramosa**

XYRIDACEAE

Compiled by R.P. Glen & C.D.K. Cook

XYRIS L. 0826000

(1) Brown. 1897. *FC* 7: 2–7.
(2) Malme. 1912. *Botanische Jahrbücher* 48: 287–308.
(3) Lewis & Obermeyer. 1985. *FSA* 4: 1–8.
(4) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale*. 3: 28–30.
(5) Lock 1998. *Kew Bulletin* 53: 883–895.
(6) Lock. 1999a. *Kew Bulletin* 54: 301–326.
(7) Lock. 1999b. *FTEA* Xyridaceae: 1–24.
(8) Lisowski *et al.* 2001. *Flore d'Afrique Centrale*: Xyridaceae: 1–119.

Notes: the taxon *X. capensis* is very variable and has been regarded as a complex of several species. Lock (1998, 1999a) reinstated *X. huillensis*, *X. rubella* and *X. straminea* as separate species for tropical East Africa, while Lisowski *et al.* (2001) recognised *X. straminea* but not *X. huillensis* for the Floras of Congo, Rwanda and Burundi. The southern African Xyridaceae are in need of a comprehensive revision. We recognise *X. rubella* and *X. huillensis*. *X. straminea* requires further investigation before a decision can be made as to whether this taxon should be recognised as distinct, and if so, at what level.

anceps Lam.
Perennial. Herb, hydrophyte/helophyte. Ht 0.35–0.91 m. Alt 5–900 m. B, M, KZN

capensis Thunb.
Perennial. Herb, hydrophyte/helophyte. Ht 0.07–0.91 m. Alt 5–1350 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

capensis Thunb. var. *medullosa* N.E.Br. = **X. huillensis**

congensis Büttner
X. umbilonis Nilsson (3)
Perennial. Herb, hydrophyte/helophyte. Ht 0.25–0.8 m. Alt 10–1700 m. LIM, NW, G, M, S, KZN

gerrardii N.E.Br.
Perennial. Herb, hydrophyte/helophyte. Ht 0.16–0.55 m. Alt 1600–2134 m. LIM, NW, M, FS, KZN

huillensis Rendle
X. capensis Thunb. var. *medullosa* N.E.Br. (6, 7)

Perennial or annual? Herb, hydrophyte/helophyte. Ht 0.14–0.4 m. Alt ± 900 m. B

natalensis Nilsson
Perennial. Herb, hydrophyte/helophyte. Ht 0.1–1 m. Alt 5–275 m. KZN, EC

nivea in sense of J.Lewis & Oberm., not of Welw. ex Rendle = **X. obscura**

obscura N.E.Br.
X. nivea in sense of J.Lewis & Oberm., not of Welw. ex Rendle (3, 6, 8)
Perennial. Herb, hydrophyte/helophyte. Ht 0.1–0.5 m. Alt 1200–2000 m. G, M

rehmannii Nilsson
Perennial. Herb, hydrophyte/helophyte. Ht 0.15–1.21 m. Alt 825–1555 m. LIM, M, S

rubella Malme
Annual. Herb, hydrophyte/helophyte. Ht up to 200 mm. Alt 900–1500 m. N, B, NW, G, M

umbilonis Nilsson = **X. congensis**

ZANNICHELLIACEAE

Compiled by R.P. Glen & C.D.K. Cook

ALTHENIA F.Petit 0063000

(1) Obermeyer. 1966. *FSA* 1: 79–81.

filiformis F.Petit
Annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–200 m. N, NC, WC, EC

PSEUDALTHENIA Nakai 0062010

(1) Obermeyer. 1966. *FSA* 1: 79.
(2) Tomlinson & Posluszny. 1976. *Taxon* 25: 273–279.
(3) Den Hartog. 1980. *Aquatic Botany* 9: 95.

aschersoniana (Graebn.) Hartog
Vleisia aschersoniana (Graebn.) Toml. & Posl. (3)
Zannichellia aschersoniana Graebn. (2)
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–200 m. WC

VLEISIA Toml. & Posl. 0062015

aschersoniana (Graebn.) Toml. & Posl. = **Pseudalthenia aschersoniana**

ZANNICHELLIA L. 0062000

(1) Obermeyer. 1966. *FSA* 1: 77–79.

aschersoniana Graebn. = **Pseudalthenia aschersoniana**

palustris L.
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 50–1610 m. N, B, LIM, NW, G, FS, NC, WC, EC

ZINGIBERACEAE

Compiled by C. Archer

*ALPINIA Roxb. 1353000

(1) Smith. 1998. *Bothalia* 28: 35–39.

speciosa (J.C.Wendl.) K.Schum. = **A. zerumbet**

zerumbet (Pers.) B.L.Burtt & R.M.Sm.
A. speciosa (J.C.Wendl.) K.Schum. (1)
Perennial. Herb. Ht up to 3 m. Alt? KZN

*HEDYCHIUM J.König 1324000

(1) Smith. 1998. *Bothalia* 28: 35–39.

coronarium J.König
Perennial. Herb. Ht up to 3 m. Alt ?–800 m. M, KZN, EC

flavescens Roscoe
Perennial. Herb. Ht 2–3 m. Alt? KZN

gardnerianum Ker Gawl.
Perennial. Herb. Ht 2–3 m. Alt? KZN

KAEMPFERIA L. in part 1329000

aethiopica (Schweinf.) Benth. = **Siphonochilus aethiopicus**

ethelae J.M.Wood = **Siphonochilus aethiopicus**

montagui F.M.Leight. = **Siphonochilus kirkii**

natalensis Schltr. & K.Schum. = **Siphonochilus aethiopicus**

rosea Baker = **Siphonochilus kirkii**

SIPHONOCHILUS J.M.Wood & Franks 1329010

(1) Smith. 1998. *Bothalia* 28: 35–39.
(2) Crouch *et al.* 2003. *Flowering Plants of Africa* 58: 56–68, t. 2190.

aethiopicus (Schweinf.) B.L.Burtt
Kaempferia aethiopica (Schweinf.) Benth. (1)
Kaempferia ethelae J.M.Wood (1)
Kaempferia natalensis Schltr. & K.Schum. (1)
S. natalensis (Schltr. & K.Schum.) J.M.Wood & Franks (1)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 610–915 m. LIM, M, S, KZN, EC

kirkii (Hook.) B.L.Burtt
Kaempferia montagui F.M.Leight. (1)
Kaempferia rosea Baker (1)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–910 m. N

natalensis (Schltr. & K.Schum.) J.M.Wood & Franks = **S. aethiopicus**

ZOSTERACEAE

Compiled by R.P. Glen & C.D.K. Cook

ZOSTERA L. 0055000

(1) Obermeyer. 1966. *FSA* 1: 57–60.
(2) Den Hartog. 1970. *The sea-grasses of the world*: 39–42, 63, 64, 77–81.
Note: Tomlinson & Posluzny (2001, in *Taxon* 50,2: 429–437) raised the two subgenera of *Zostera*, namely *Zostera* L. and *Zosterella* (Aschers.) Ostenf., to generic level: *Zostera* L. and *Nanozostera* (Ostenf.) Toml. & Posl. *Z. capensis* Setch. would then become *Nanozostera capensis* (Setch.) Toml. & Posl.

capensis Setch.
Perennial. Herb, hydrophyte: rosulate. Ht 0.38–1.15 m.
Alt up to 5 m. KZN, WC, EC

INDEX TO FAMILIES AND GENERA

Current names of local families and genera are in bold, synonyms are in italic type. Exotic taxa are marked with an asterisk.

A

***Abelmoschus**, 619
Aberia, 559
Abietinella, 37
Abildgaardia, 1020
Abrus, 472
Abryanthemum, 633
Abutilon, 619
Acacia, 472
Acaena, 818
Acalypha, 452
Acampe, 1121
ACANTHACEAE, 92
Acanthobotrya, 476
Acanthocoleus, 49
Acanthodium, 92
Acanthonotus, 476
Acanthopsis, 92
Acanthosicyos, 413
***Acanthospermum**, 178
Acanthotheca, 178
***Acanthus**, 92
Acaulon, 27
Acetosa, 788
Acharia, 106
ACHARIACEAE, 106
***Achillea**, 178
***Achnatherum**, 1152
***Achyranthes**, 111
Achyrocline, 178
Achyronia, 476
Achyropsis, 111
Acidanthera, 1074
Acmadenia, 841
Acokanthera, 132
***ACORACEAE**, 954
***Acorus**, 954
Acrachne, 1152
Acranthemum, 612
Acridocarpus, 618
Acriulus, 1020
ACROBOLBACEAE, 40
Acrobolbus, 40
Acrocephalus, 584
Acroceras, 1152
Acrodon, 633
Acrolepis, 1020
Acrolophia, 1121
Acromastigum, 53
Acrosanthes, 106
Acrostachys, 612
Acrostemon, 424
Acrostichum, 74
Acrostichum, 80
Acrotome, 584
Actinanthella, 612
Actiniopteris, 80
Adansonia, 313
ADELANTHACEAE, 40
Adelanthus, 40
Adenachaena, 178
Adenandra, 842
Adenanthellum, 178
Adenanthemum, 179
Adenanthera, 476
Adenia, 771
Adenium, 133
Adenocline, 453
Adenoglossa, 179
Adenogonum, 179
Adenogramma, 738
Adenolobus, 476
Adenopodia, 477
Adenostemma, 179
Adhatoda, 92
Adiantum, 80
Adina, 825
Adonis, 809
Adromischus, 378
Adventina, 179
Aeollanthus, 585
Aerangis, 1121
Aeranthus, 1121
Aerobryopsis, 22
Aerva, 111
Aeschynomene, 477
Aethephyllum, 633
Afrafzelia, 477
Afrolimon, 778
Afrotysonia, 313
Afzelia, 477
AGAPANTHACEAE, 954
Agapanthus, 954
Agathaea, 179
Agathelpis, 862
Agathisanthemum, 825
Agathosma, 844
***AGAVACEAE**, 955
***Agave**, 955
Agelanthus, 612
***Ageratina**, 179
***Ageratum**, 179
Agrimonia, 818
Agrocharis, 123
Agropyron, 1152
***Agrostemma**, 350
Agrostis, 1152
***Aira**, 1153
Aitonia, 629
AIZOACEAE, 106
Aizoanthemum, 106
Aizoon, 106
Ajuga, 585
Alatoseta, 179
Alberta, 825
Albertisia, 631
Albizia, 477
Albuca, 1054
Alchemilla, 818
Alchornea, 453
Alciope, 179
Aldrovanda, 420
Alectra, 755
Alepidea, 123
Aletris, 978
***Aleurites**, 453
***Alhagi**, 478
Alinula, 1020
***Alisma**, 955
ALISMATACEAE, 955
Alistilus, 478
Allenia, 620
ALLIACEAE, 956
Allium, 956
Allocassine, 354
Allophylus, 859
Alloteropsis, 1153
Alobiella, 43
Alobiellopsis, 43
Aloe, 978
Aloina, 27
Aloinopsis, 634
Alonsoa, 862
***Alpinia**, 1215
Alsine, 350
Alsophila, 69
***Alternanthera**, 111
Althaea, 620
Althenia, 1215
Alysicarpus, 478
***Alyssum**, 321
AMARANTHACEAE, 111
Amaranthus, 111
AMARYLLIDACEAE, 957
Amaryllis, 957
Amauropelta, 84
Amblygonocarpus, 478
AMBLYSTEGIACEAE, 2
Ambraria, 826
***Ambrosia**, 179
Ambulia, 863
Amellus, 180
Ammannia, 616
***Ammi**, 124
Ammocharis, 957
***Ammophila**, 1153
Amoebophyllum, 634
Amorphophallus, 972
Ampelocissus, 946
Ampelopteris, 84
Amphiasma, 826
Amphibolia, 634
Amphidium, 9
Amphidoxa, 181
Amphigena, 1122
Amphiglossa, 181
Amphinomia, 478
Amphisiphon, 1056
Amphithalea, 479
Amphoranthus, 749
***Amsinckia**, 313
Anacampseros, 792
ANACARDIACEAE, 115
***Anacardium**, 115
Anaclanthe, 1074
Anacolia, 3
Anacyclus, 181
Anagallis, 795
Anaglypha, 181
Anapalina, 1074
Anaphalis, 181
Anaphrenium, 115
Anarrhinum, 863
Anastrabe, 863
Anastrophyllum, 48
Anaxeton, 181
Anchusa, 314
Ancistrum, 819
Ancylanthos, 826
Ancylobotrys, 133
Anderbergia, 182
Andrachne, 453
Andradia, 480
Andreaea, 2
ANDREAEACEAE, 2
Androcymbium, 1013
Andropogon, 1153
Androsiphon, 1056
Androstachys, 453
Aneilema, 1018
Anemia, 66
ANEMIACEAE, 66
Anemone, 809
Aneura, 40
ANEURACEAE, 40
Anginon, 124
Angkalanthus, 92
Angolluma, 133
Angraecum, 1122
Anila, 480
Aniseia, 372
Aniserica, 424
Anisocalyx, 634
Anisochaeta, 182
Anisodontea, 620
Anisopappus, 182
Anisoramphus, 182
Anisotes, 92
Anisothecium, 9
Anisothrix, 182
Anisotoma, 133
Annesorhiza, 124
Annona, 122
ANNONACEAE, 122
Anochilus, 1122
***Anoda**, 621
Anoectangium, 27
Anogramma, 80
Anoiganthus, 957
Anomalanthus, 424
Anomalesia, 1075
Anomalolejeunea, 49
Anomatheca, 1075
Anomobryum, 6
Anomodon, 3
ANOMODONTACEAE, 3
Anosporum, 1020
***Anredera**, 311
Ansellia, 1122
Antegibbaeum, 634
Anthelia, 41

ANTHELIACEAE, 41
***Anthemis**, 182
Anthephora, 1154
ANTHERICACEAE, 967
Anthericum, 967
Antherothamnus, 863
Antherotoma, 628
Anthoceros, 64
ANTHOCEROTACEAE, 64
Anthochortus, 1195
Anthocleista, 562
Antholyza, 1075
Anthospermum, 826
Anthoxanthum, 1154
***Anthriscus**, 125
Anthyllis, 480
Anticharis, 863
Antidesma, 454
Antimima, 635
Antiphiona, 182
Antirrhinum, 863
Antithrixia, 182
Antizoma, 631
Antunesia, 183
Anysocalyx, 638
Aongstroemia, 9
Aongstroemiopsis, 9
Apatesia, 638
Aphanolejeunea, 49
Aphelexis, 183
Aphloia, 559
Aphyteia, 583
APIACEAE, 123
Apicra, 988
Apium, 125
Aplanodes, 321
Apochaete, 1154
APOCYNACEAE, 132
Apocynum, 133
Apodolirion, 957
Apodynomene, 480
Apodytes, 584
Aponogeton, 971
APONOGETONACEAE, 971
Apoxyanthera, 133
Aptenia, 638
Aptosimum, 863
AQUIFOLIACEAE, 177
***Arabidopsis**, 321
Arabis, 321
ARACEAE, 972
***Arachis**, 480
Arachniodes, 70
Arachniopsis, 53
Arachnocalyx, 424
ARALIACEAE, 177
***Araujia**, 133
ARCHIDIACEAE, 3
Archidium, 3
Archilejeunea, 49
Arctopus, 125
Arctotheca, 183
Arctotis, 183
ARECACEAE, 973
***Arenaria**, 350
Arenifera, 639
Arethusa, 1122
***Argemone**, 770
Argyreia, 372
Argyroderma, 639
Argyrolobium, 480
Aridaria, 640
Aristea, 1075
Aristida, 1154
Aristolochia, 178
ARISTOLOCHIACEAE, 178
ARNELLIACEAE, 41
Arnica, 186
***Arrhenatherum**, 1156
Arrowsmithia, 186
Artabotrys, 122
Artemisia, 186
Artemisiopsis, 186
Arthraerua, 112
Arthraxon, 1156
Arthrocnemum, 362
Arthropteris, 77
Arthrosolen, 928
Arundinaria, 1156
Arundinella, 1156
***Arundo**, 1156
Asaemia, 186
Asclepias, 133
Ascolepis, 1020
Askidiosperma, 1195
Aspalathus, 482
Aspalthium, 494
ASPARAGACEAE, 973
Asparagopsis, 973
Asparagus, 974
Aspazoma, 642
ASPHODELACEAE, 978
Asphodelus, 968
Aspidium, 70
Aspidixia, 945
Aspidoglossum, 136
Aspidonepsis, 138
Aspilia, 186
ASPLENIACEAE, 66
Asplenium, 66
Astephanus, 138
Aster, 186
Asteracantha, 92
ASTERACEAE, 178
Asterella, 41
Asterochaete, 1020
Asteropterus, 189
Asthenatherum, 1156
Astomiopsis, 12
Astragalus, 494
Astridia, 642
Astripomoea, 372
Astrochlaena, 372
Astroloba, 988
×**Astroworthia**, 989
Asystasia, 92
Atalaya, 860
Athalamia, 44
Athamanta, 125
Athanasia, 189
Athrixia, 191
Athyrium, 85
Atractylis, 192
Atractylocarpus, 9
Atraphaxis, 788
Atrichantha, 192
Atrichum, 26
Atriplex, 362
Atropa, 913
Audouinia, 330
Augea, 949
Aulacopilum, 14
Aulacorhynchus, 1020
Aulax, 795
Aulaya, 756
Aulojusticia, 93
Australina, 938
Austromimusops, 861
***Avena**, 1156
Avicennia, 310
AVICENNIACEAE, 310
Aviceps, 1122
Avonia, 793
***Axonopus**, 1156
AYTONIACEAE, 41
Azanza, 621
Azima, 853
Azolla, 68
AZOLLACEAE, 68

B

Babiana, 1076
***Baccharis**, 192
Baccharoides, 192
Bachmannia, 347
Bacopa, 865
Baeobotrys, 618
Baeometra, 1014
Baikiaea, 494
Baissea, 138
BALANITACEAE, 310
Balanites, 310
BALANOPHORACEAE, 311
BALANTIOPSIDACEAE, 42
Ballota, 585
Ballya, 1018
BALSAMINACEAE, 311
Balsamodendrum, 333
***Bambusa**, 1156
Baphia, 494
Barbacenia, 1213
***Barbarea**, 321
Barberetta, 1053
Barbula, 27
Barleria, 93
Barnardiella, 1078
Barosma, 848
Barringtonia, 601
Barrowia, 138
Bartholina, 1122
Bartramia, 3
BARTRAMIACEAE, 3
Bartramidula, 4
Bartschia, 756
Bartsia, 756
Basananthe, 771
Basella, 311
BASELLACEAE, 311
Basilicum, 585
Bassia, 363
Basteria, 192
Basutica, 928
Bauhinia, 494
Baynesia, 138
Bazzania, 53
Becium, 585
Beckeropsis, 1157
Begonia, 311
BEGONIACEAE, 311
Behnia, 1012
BEHNIACEAE, 1012
Beilschmiedia, 600
Belamcanda, 1078
Bellardia, 756
Bellidiastrum, 192
Belmontia, 562
Bequaertiodendron, 861
Berardia, 330
Berchemia, 812
Bergeranthus, 643
Bergia, 424
Berkheya, 192
Berkheyopsis, 196
Berrisfordia, 643
Bersama, 631
Berula, 125
Berzelia, 112
Berzelia, 330
Besenna, 494
***Beta**, 363
Bewsia, 1157
Bidens, 196
Bignonia, 312
BIGNONIACEAE, 312
Bijlia, 643
Bilabrella, 1122
Bilderdykia, 788
Biophytum, 762
Bistella, 940
Bituminaria, 495
Blackiella, 363
Blackwellia, 559
Blaeria, 425
Blainvillea, 196
Blastania, 413
Blaxium, 196
BLECHNACEAE, 68
Blechnum, 68
Blepharanthera, 138
Blepharis, 95
Blepharolepis, 739
Blepharophyllum, 425
Blighia, 860
Blindia, 35
Blotiella, 69
Blumea, 196
Bobartia, 1078
Boeckeleria, 1020
Boeckhia, 1196
Boerhavia, 749
Bojeria, 197
Bokkeveldia, 957
Bolbitis, 74
Bolborchis, 1122
Bolboschoenus, 1020
Bolusafra, 495
Bolusanthus, 495
Bolusia, 495
Bolusiella, 1122
BOMBACACEAE, 313
Bonamia, 372
Bonatea, 1123
Boophone, 958
Bopusia, 756
BORAGINACEAE, 313
Boraginella, 314
Borago, 314
Borassus, 973
Borbonia, 495
Borraginoides, 314

Borreria, 827
Boscia, 347
Bosquiea, 743
Bothriochloa, 1157
Bothriocline, 197
Botryceras, 116
Boucerosia, 138
Bouchea, 941
Bowiea, 1056
Bowkeria, 865
Brabejum, 795
Brachiaria, 1157
Brachiolejeunea, 49
Brachyachne, 1157
Brachycarpaea, 321
Brachychloa, 1158
Brachycorythis, 1123
Brachylaena, 197
Brachymenium, 6
Brachymeris, 197
Brachypodium, 1158
Brachyrhynchos, 197
Brachysiphon, 775
Brachystegia, 495
Brachystelma, 138
BRACHYTHECIACEAE, 4
Brachythecium, 4
Brackenridgea, 751
Bracteolaria, 495
Brasenia, 335
Brasilettia, 496
***Brassica**, 321
BRASSICACEAE, 321
Brassicella, 321
Braunia, 19
Braunsia, 643
Brayulinea, 112
Breonadia, 827
Breutelia, 4
Breweria, 372
Brianhuntleya, 644
Bridelia, 454
***Briza**, 1158
Bromus, 1158
Brownanthus, 644
Brownleea, 1123
Bruchia, 5
BRUCHIACEAE, 5
Bruguiera, 817
Brunia, 330
BRUNIACEAE, 330
Brunsvigia, 958
BRYACEAE, 6
Bryobartramia, 7
BRYOBARTRAMIACEAE, 7
Bryoerythrophyllum, 28
Bryomorphe, 198
Bryonia, 413
***Bryophyllum**, 381
Bryum, 6
Bubon, 125
Bucculina, 1124
Buchenroedera, 496
Buchnera, 756
Bucranion, 601
Buddleja, 333
BUDDLEJACEAE, 333
Buekia, 1021
***Buglossoides**, 314
Bulbine, 989
Bulbinella, 992
Bulbophyllum, 1124
Bulbostylis, 1021
Bulliarda, 381
Bunburya, 827
Bupleurum, 125
Burchellia, 827
Burkea, 496
Burmannia, 1013
BURMANNIACEAE, 1013
Burnatia, 955
BURSERACEAE, 333
Butomopsis, 1120
Buttonia, 757
BUXACEAE, 335
Buxella, 335
Buxus, 335
Byrsocarpus, 371

C

CABOMBACEAE, 335
Cacalia, 198
CACTACEAE, 335
Cadaba, 347
Cadiscus, 198
Caesalpinia, 496
Caesalpinioides, 496
Caesia, 1054
Cailliea, 496
***Cajanus**, 496
Calamagrostis, 1159
Calamophyllum, 644
***Calandrinia**, 794
Calanthe, 1124
Caldesia, 955
***Calendula**, 198
Calicorema, 112
Calla, 972
Calliandra, 496
Callichilia, 141
Callicostella, 25
Callilepis, 198
Callisia, 199
***Callistemon**, 747
CALLITRICHACEAE, 336
Callitriche, 336
Calodendrum, 848
Calomeria, 199
Calophanes, 96
Calopsis, 1196
Calorophus, 1197
Calostephane, 199
Calotesta, 199
***Calotropis**, 141
Calpidisca, 601
Calpurnia, 497
Calycanthemum, 372
CALYMPERACEAE, 8
Calymperes, 8
Calypogeia, 42
CALYPOGEIACEAE, 42
Calyptothecium, 33
Calyptrochaeta, 9
Calystegia, 372
***Camelina**, 321
Campanula, 336
CAMPANULACEAE, 336
Camptoloma, 865
Camptorrhiza, 1014
***Campuloclinium**, 199
Campyliadelphus, 2
Campylopus, 9
Campylostachys, 926
Canahia, 141
Canavalia, 497
CANELLACEAE, 346
***Canna**, 1013
***CANNABACEAE**, 346
***Cannabis**, 346
***CANNACEAE**, 1013
Cannomois, 1197
Canthium, 828
Cantuffa, 497
Capassa, 497
Capelio, 199
Capeobolus, 1022
Caperonia, 454
Capnitis, 497
Capnophyllum, 125
CAPPARACEAE, 347
Capparis, 347
Capraria, 865
***CAPRIFOLIACEAE**, 350
***Capsella**, 321
***Capsicum**, 913
Caralluma, 141
Cardamine, 321
***Cardaria**, 322
Cardiospermum, 860
Cardotiella, 24
***Carduus**, 199
Carex, 1022
Carissa, 142
Carlina, 199
Caroxylon, 363
Carpacoce, 828
Carpanthea, 644
Carpha, 1023
Carphalea, 828
Carphopappus, 199
Carpobrotus, 644
Carpolyza, 958
Carpopodium, 322
Carrpos, 55
Carruanthus, 645
***Carthamus**, 199
Carum, 126
Caruncularia, 142
CARYOPHYLLACEAE, 350
Caryotophora, 645
Casearia, 560
Cassia, 497
Cassine, 354
Cassinia, 199
Cassinopsis, 584
Cassipourea, 817
Cassytha, 600
Castalis, 199
***Casuarina**, 354
***CASUARINACEAE**, 354
Catabrosia, 1159
CATAGONIACEAE, 8
Catagonium, 8
Catalepis, 1159
***Catapodium**, 1159
Catevala, 993
Catha, 355
***Catharanthus**, 142
Cathastrum, 355
Catophractes, 312
Catunaregam, 828
***Caucalis**, 126
Caudalejeunea, 49
Caulipsolon, 645
Cavacoa, 454
Cayratia, 946
***Cedrela**, 629
***Cedronella**, 586
CELASTRACEAE, 354
Celastrus, 355
Celmisia, 199
Celosia, 112
Celsia, 865
CELTIDACEAE, 361
Celtis, 361
Cenchrus, 1159
Cenia, 199
***Centaurea**, 200
Centella, 126
Centema, 113
***Centranthus**, 941
Centropodia, 1159
Centrosis, 1124
Centrostachys, 113
Centrostigma, 1124
Cephalandra, 413
Cephalanthus, 829
Cephalaria, 419
Cephalocroton, 454
Cephalomanes, 73
Cephalophyllum, 645
Cephalostigma, 337
Cephalozia, 43
CEPHALOZIACEAE, 43
Cephaloziella, 43
CEPHALOZIELLACEAE, 43
Ceradia, 200
Ceraria, 794
Cerastium, 350
Ceratandra, 1124
Ceratandropsis, 1125
Ceratiosicyos, 106
Ceratocaryum, 1197
Ceratodon, 12
Ceratogonum, 788
***Ceratonia**, 498
CERATOPHYLLACEAE, 362
Ceratophyllum, 362
Ceratopteris, 78
Ceratotheca, 772
***Cereus**, 335
Ceriops, 817
Cerochlamys, 647
Ceropegia, 142
Cervia, 372
Cervicina, 337
***Cestrum**, 914
Ceterach, 67
Chaenostoma, 865
Chaetacanthus, 96
Chaetacme, 361
Chaetobromus, 1159
Chaetospora, 1023
Chamaealoe, 993
Chamaebryum, 17
Chamaecrista, 498
Chamaecrypta, 867
Chamaegigas, 867
Chamaesyce, 454
Chamaexyphium, 1023

Chamarea, 127
Chamira, 322
Chandonanthus, 48
Chapmanolirion, 958
Charadrophila, 867
Charieis, 200
Chascanum, 941
Chascolytrum, 1159
Chasmanthe, 1079
Chasmatophyllum, 647
Cheilanthes, 80
Cheilolejeunea, 50
Cheilothela, 12
Cheiranthus, 322
Cheiridopsis, 648
Cheirostylis, 1125
Chenia, 28
Chenolea, 363
Chenoleoides, 363
CHENOPODIACEAE, 362
Chenopodiopsis, 867
Chenopodium, 364
Chilianthus, 333
Chiloscyphus, 45
Chionanthus, 752
Chironia, 562
Chloris, 1159
Chlorocodon, 145
Chlorocyathus, 145
Chlorophytum, 969
Chomelia, 829
Chondropetalum, 1198
Chorisochora, 97
Chorisodontium, 11
Choristylis, 452
Choritaenia, 127
Chortolirion, 993
Christella, 84
***Chromolaena**, 200
Chrozophora, 454
***Chrysanthellum**, 200
Chrysanthemoides, 200
***Chrysanthemum**, 200
Chrysitrix, 1023
CHRYSOBALANACEAE, 369
Chrysoblastella, 12
Chrysocoma, 201
Chryso-hypnum, 19
Chrysophyllum, 861
Chrysopogon, 1160
Chrysoscias, 499
Chymococca, 928
***Cichorium**, 201
***Ciclospermum**, 127
Cienfuegosia, 621
Cineraria, 202
Circandra, 650
Cirrhopetalum, 1125
***Cirsium**, 203
Cissampelos, 631
Cissus, 946
Citropsis, 848
Citrullus, 413
Cladium, 1023
Cladophascum, 6
Cladoraphis, 1160
Cladostemon, 348
Clasmatocolea, 45
Clausena, 848
Cleistachne, 1160
Cleistanthus, 454
Clematis, 809
Clematopsis, 810
Cleome, 348
Cleretum, 650
Clerodendrum, 586
Clevea, 44
CLEVEACEAE, 44
Cliffortia, 819
Clinopodium, 586
***Clitoria**, 499
Clivia, 958
CLUSIACEAE, 369
Clutia, 454
Clypea, 632
Cnestis, 371
***Cnicus**, 203
Cnidium, 127
Coccinia, 413
Coccosperma, 425
***Cocculus**, 632
Coddia, 829
Codon, 314
Coelachyrum, 1160
Coelanthum, 739
Coelidium, 499
Coelorachis, 1160
Coffea, 829
Coilostigma, 425
***Coix**, 1160
Cola, 918
COLCHICACEAE, 1013
Coldenia, 314
Coleochloa, 1023
Coleonema, 848
Coleotrype, 1018
Coleus, 586
Colocynthis, 414
Cololejeunea, 50
Colophospermum, 499
Colpias, 867
Colpodium, 1160
Colpoon, 853
Colubrina, 812
Columellea, 203
Colura, 50
Colutea, 499
Comborhiza, 203
COMBRETACEAE, 369
Combretum, 369
Commelina, 1018
COMMELINACEAE, 1018
Commicarpus, 749
Commiphora, 333
Conptonanthus, 203
Conchium, 795
Coniandra, 414
Conicosia, 650
Conium, 127
CONNARACEAE, 371
Conopharyngia, 145
Conophyllum, 651
Conophytum, 651
Conostomium, 829
Conostomum, 4
CONVOLVULACEAE, 372
Convolvulus, 372
Conyza, 203
Copaiba, 499
Copaifera, 500
Copaiva, 500
Coptosperma, 829
Corallocarpus, 414
Corbichonia, 739
Corchorus, 935
Cordia, 314
Cordyla, 500
Cordylogyne, 145
Cordylogyne, 145
***Coreopsis**, 204
***Coriandrum**, 128
CORNACEAE, 378
***Coronopus**, 322
Corpuscularia, 666
Corrigiola, 351
***Cortaderia**, 1160
Corycium, 1125
Corydalis, 561
Corymbis, 1125
Corymbium, 204
Corymborchis, 1125
Corymborkis, 1125
***Corynephorus**, 1160
***Cosmos**, 205
Costularia, 1023
***Cotoneaster**, 823
Cotula, 205
Cotyledon, 381
Coulteria, 500
Courbonia, 349
Courtoisia, 1024
Courtoisina, 1024
Crabbea, 97
Cracca, 500
Craibia, 500
***Crambe**, 322
Craspedolepis, 1198
Craspedorhachis, 1160
Crassocephalum, 207
Crassula, 385
CRASSULACEAE, 378
***Crataegus**, 823
Craterocapsa, 337
Craterostigma, 867
Cratoneuron, 2
Crepidomanes, 73
Crepidorhopalon, 867
***Crepis**, 207
Crinipes, 1160
Crinum, 959
Crocanthus, 1079
Crocanthus, 667
Crocodilodes, 207
Crocosmia, 1079
Crocoxylon, 356
Crocyllis, 829
Cromidon, 867
Crossandra, 97
Crossidium, 28
Crossopteryx, 829
Crossyne, 960
Crotalaria, 500
Croton, 456
Cryophytum, 667
Cryphaea, 8
CRYPHAEACEAE, 8
Cryphiantha, 503
Cryptadenia, 928
Cryptocarya, 601
Cryptochila, 48
Cryptolepis, 145
***Cryptomeria**, 88
Cryptomitrium, 42
Cryptostemma, 207
Cryptostephanus, 960
Ctenitis, 84
Ctenium, 1160
Ctenolepis, 414
Ctenomeria, 456
Cucullifera, 1198
Cucumella, 414
Cucumis, 414
Cucurbita, 415
CUCURBITACEAE, 413
Cullen, 503
Cullumia, 207
Cunonia, 418
CUNONIACEAE, 418
CUPRESSACEAE, 88
***Cupressus**, 88
Curroria, 145
Curtisia, 378
Curtogyne, 406
Curtonus, 1080
Cuscuta, 373
Cuspidia, 208
Cussonia, 177
Cyamopsis, 503
Cyanella, 1212
Cyanotis, 1019
***Cyanthillium**, 208
Cyanus, 208
Cyathea, 69
CYATHEACEAE, 69
Cyathocoma, 1024
Cyathopappus, 208
Cyathula, 113
Cybistetes, 960
Cyclantheropsis, 415
Cyclodictyon, 25
Cyclonema, 586
Cyclopia, 503
Cycloptychis, 322
Cyclosorus, 84
Cyclostemon, 456
Cycnium, 757
***Cydonia**, 823
Cygnicollum, 16
Cylindrocolea, 44
Cylindrophyllum, 667
Cylista, 504
Cymation, 1015
Cymbalaria, 868
Cymbidium, 1125
Cymbopappus, 208
Cymbopogon, 1161
Cymbosetaria, 1161
Cymodocea, 1019
CYMODOCEACEAE, 1019
Cynanchum, 145
Cynara, 209
Cynoctonum, 146
Cynodon, 1161
Cynoglossum, 314
Cynorchis, 1126
Cynorkis, 1126
Cynosorchis, 1126
***Cynosurus**, 1161
CYPERACEAE, 1020
Cyperus, 1024

Cyphia, 604
Cyphocalyx, 504
Cypholepis, 1161
***Cyphomandra**, 914
Cyphostemma, 947
Cypselodontia, 209
Cyrtanthus, 960
Cyrtomium, 70
Cyrtopera, 1126
Cyrtorchis, 1126
Cysticapnos, 561
Cystopteris, 86
CYTINACEAE, 418
Cytinus, 418
***Cytisus**, 504

D

Dactyliandra, 415
***Dactylis**, 1161
Dactyloctenium, 1161
Dactylopsis, 667
Daemia, 146
Dahlgrenodendron, 601
Dahlia, 582
Dais, 928
Dalbergia, 504
Dalechampia, 456
DALTONIACEAE, 9
Danthonia, 1161
Danthoniopsis, 1162
Dasispermum, 128
Dasystachys, 970
Dasystemon, 406
***Datura**, 914
Daubenya, 1056
***Daucus**, 128
Davallia, 69
DAVALLIACEAE, 69
Decabelone, 146
Decalepis, 1029
Decorsea, 505
Deguelia, 505
Deilanthe, 667
Deinbollia, 860
Delairea, 209
Delosperma, 667
Dendrobium, 1126
Dendrophthoë, 613
Denekia, 209
DENNSTAEDTIACEAE, 69
***Deparia**, 86
Dermatobotrys, 868
Deroemera, 1126
Derris, 505
***Deschampsia**, 1162
***Descurainia**, 322
***Desmanthus**, 505
Desmatodon, 28
Desmazeria, 1162
Desmochaeta, 113
Desmodium, 505
Desmonema, 632
Detris, 209
Deverra, 128
Devia, 1080
Dewinterella, 962
Diacarpa, 860
Dialium, 506
Diandrochloa, 1162
Dianthera, 97, 349
Dianthus, 351
Diaphananthe, 1126
Diascia, 868
Diastella, 796
Dicerocaryum, 772
Dicerothamnus, 209
Dichaelia, 146
Dichanthium, 1162
DICHAPETALACEAE, 418
Dichapetalum, 418
Dichilus, 506
Dichondra, 374
Dichrocephala, 209
Dichrostachys, 506
Dicliptera, 97
Diclis, 870
Dicoma, 209
Dicraeia, 780
DICRANACEAE, 9
Dicranella, 11
Dicranolejeunea, 50
Dicranoloma, 11
Dicranopteris, 72
Dicranoweisia, 11
Dicrocaulon, 672
Didelta, 210
Didymaotus, 672
Didymocarpus, 578
Didymochlaena, 70
Didymodon, 28
Didymodoxa, 939
Didymoplexis, 1126
Diectomis, 1162
Dierama, 1080
Dietes, 1081
Dietrichia, 406
Digitaria, 1162
Digitariella, 1164
Diheteropogon, 1164
Dilatris, 1053
Dimerodontium, 14
Dimorphotheca, 211
Dinacria, 406
Dinebra, 1164
Dinocanthium, 829
Dintera, 870
Dinteracanthus, 98
Dinteranthus, 672
***Diodia**, 829
Dioscorea, 1047
DIOSCOREACEAE, 1047
Diosma, 848
Diospyros, 421
Dipcadi, 1057
Dipera, 1126
Dipetalia, 811
Diphaca, 507
Dipidax, 1015
Diplachne, 1164
Diplacorchis, 1126
Diplasiolejeunea, 50
Diplazium, 86
Diplecthrum, 1126
Diplocyatha, 146
***Diplocyclos**, 415
Diplogastra, 1126
Diplolophium, 128
Diplopappus, 212
Diplorhynchus, 146
Diplosoma, 673
Diplospora, 829
Diplostemma, 212
Diplostephium, 212
***Diplotaxis**, 322
Dipogon, 507
DIPSACACEAE, 419
Dirichletia, 830
Disa, 1127
Dischisma, 870
Discocapnos, 561
Discocarpus, 456
Disparago, 212
Disperis, 1133
Disphyma, 673
Dissotis, 629
Distegia, 212
Distephanus, 212
Distichium, 12
Distichophyllum, 9
DITRICHACEAE, 12
Ditrichum, 12
***Dittrichia**, 213
Dobrowskya, 607
Dodonaea, 860
Doellia, 213
Dolichandrone, 312
Dolichochaete, 1164
Dolichos, 507
Dolichothrix, 213
Dombeya, 918
***Doodia**, 68
Dopatrium, 871
Doratanthera, 871
Doria, 213
Dorotheanthus, 673
Dortmannia, 607
Doryopteris, 82
Dovea, 1198
Dovyalis, 560
Doxantha, 312
Dracaena, 1048
DRACAENACEAE, 1048
Dracocephalum, 586
Dracomonticola, 1134
Dracophilus, 673
Dracosciadium, 128
Dregea, 146
Dregeochloa, 1164
Drepanocladus, 2
Drepanolejeunea, 51
Drimia, 1057
Drimiopsis, 1059
Droguetia, 939
Drosanthemopsis, 674
Drosanthemum, 674
Drosera, 420
DROSERACEAE, 420
Drymaria, 352
Dryopeia, 1134
DRYOPTERIDACEAE, 70
Dryopteris, 70
Drypetes, 456
***Duchesnea**, 823
Dufouria, 780
Dumasia, 508
Dumortiera, 54
Duosperma, 98
***Duranta**, 942
Duthiastrum, 1081
Duthiella, 1081
Duvalia, 146
Duvernoia, 98
Dyerophytum, 779
Dymondia, 213
Dyschoriste, 98

E

EBENACEAE, 421
Eberlanzia, 677
Ebracteola, 678
Ecbolium, 98
Eccremidium, 12
Echidnopsis, 147
Echinochloa, 1164
Echinopsilon, 365
***Echinopsis**, 335
Echinospermum, 315
Echinostachys, 587
Echinus, 678
Echiostachys, 315
***Echium**, 315
Ecklonea, 1029
***Eclipta**, 213
Eclopes, 213
Ectadiopsis, 147
Ectadium, 147
Ectotropis, 678
Ectropothecium, 19
Edmondia, 213
Eenia, 214
***Egeria**, 1071
Ehretia, 316
Ehrharta, 1165
Eichhornia, 1194
***Einadia**, 365
Ekebergia, 629
Elachyptera, 356
Elaeodendron, 356
Elaphoglossum, 74
ELATINACEAE, 424
Elatine, 424
Elegia, 1198
Eleocharis, 1029
Eleogiton, 1029
Elephantorrhiza, 508
Eleusine, 1166
Elionurus, 1166
Elphegea, 214
Elsiea, 1059
Elymandra, 1166
***Elymus**, 1166
Elynanthus, 1029
Elytraria, 98
***Elytrigia**, 1166
Elytropappus, 214
Elytrophorus, 1167
Embelia, 422
Embelia, 746
Emex, 788
Emilia, 214
Emplectanthus, 147
Empleuridium, 356
Empleurum, 849
Empodium, 1071
Enarganthe, 678
Encalypta, 13
ENCALYPTACEAE, 13
Encephalartos, 89
Endonema, 775
Endostemon, 587

Englerastrum, 587
Engleria, 215
Englerodaphne, 928
Englerophytum, 861
Engysiphon, 1081
Enicostema, 563
Enneapogon, 1167
Ensete, 1120
Entada, 508
Entadopsis, 508
Entandrophragma, 630
Enteropogon, 1167
Enterospermum, 830
Entodon, 13
ENTODONTACEAE, 13
Entodontopsis, 36
Entolasia, 1167
Entoplocamia, 1167
Entosthodon, 16
Enydra, 215
Epaltes, 215
EPHEMERACEAE, 13
Ephemerum, 13
Ephippiocarpa, 147
Epidendrum, 1134
Epilobium, 753
Epinetrum, 632
Epiphora, 1134
Epischoenus, 1030
Epistemum, 508
EQUISETACEAE, 72
Equisetum, 72
Eragrostis, 1167
Eranthemum, 98
Eremia, 425
Eremiella, 425
Eremiopsis, 425
***Eremocarpus**, 457
Eremothamnus, 215
Erepsia, 678
Erianthemum, 613
Erica, 425
ERICACEAE, 424
Ericinella, 449
***Erigeron**, 215
Erinus, 871
Eriocarpha, 215
ERIOCAULACEAE, 1049
Eriocaulon, 1049
Eriocephalus, 215
Eriochloa, 1170
Eriochrysis, 1170
Eriosema, 508
Eriosemopsis, 830
ERIOSPERMACEAE, 1050
Eriospermum, 1050
Eriosphaera, 217
Eriosphaera, 217
Eriospora, 1030
Erlangea, 217
Erodium, 566
Eroeda, 217
ERPODIACEAE, 14
Erpodium, 14
Erporchis, 1134
Erporkis, 1134
***Eruca**, 322
Erucastrum, 322
Erysimum, 322
Erythrina, 510
Erythrococca, 457
Erythrodontium, 13
Erythrophleum, 511
Erythrophysa, 860
ERYTHROXYLACEAE, 451
Erythroxylum, 451
ESCALLONIACEAE, 452
***Eschscholzia**, 770
Esterhuysenia, 679
***Ethulia**, 217
Euadenia, 349
***Eucalyptus**, 747
Euchaetis, 849
Euclea, 422
Eucomis, 1059
Eugenia, 747
Eulalia, 1170
Eulejeunea, 51
Eulophia, 1134
Eulophidium, 1138
Eumorphia, 217
Euonymus, 356, 853
Eupatorium, 217
Euphorbia, 457
EUPHORBIACEAE, 452
Eurylobium, 926
Euryops, 218
Eurystigma, 679
Eustachys, 1170
Eustegia, 147
Eustichia, 14
EUSTICHIACEAE, 14
Euthystachys, 926
Euxolus, 113
Evolvulus, 374
Evota, 1138
Evotella, 1138
Exacum, 563
Excoecaria, 467
Exochaenium, 563
Exomis, 365
Exormotheca, 44
EXORMOTHECACEAE, 44
Ezosciadium, 128

F

FABACEAE, 472
Fabronia, 14
FABRONIACEAE, 14
***Facelis**, 222
Fadogia, 830
***FAGACEAE**, 559
Fagara, 850
Fagelia, 511
Fagonia, 949
***Fagopyrum**, 788
Faidherbia, 511
Falkia, 374
***Fallopia**, 788
Fanninia, 148
Faucaria, 680
Faurea, 796
Felicia, 222
Felipponea, 22
Fenestraria, 680
Feretia, 830
Ferraria, 1081
Festuca, 1170
Ficinia, 1030
Ficus, 743
Fimbriaria, 42
Fimbristylis, 1032
Fingerhuthia, 1171
Fintelmannia, 1033
Fissidens, 15
FISSIDENTACEAE, 15
Flacourtia, 560
FLACOURTIACEAE, 559
Flagellaria, 1053
FLAGELLARIACEAE, 1053
Flanagania, 148
***Flaveria**, 226
Flemingia, 511
Fleurya, 939
Floribundaria, 22
Floscopa, 1019
Flueggea, 467
Fockea, 148
***Foeniculum**, 128
FONTINALACEAE, 16
Fontinalis, 16
Forbesia, 1072
Forficaria, 1138
Forsskaolea, 939
Forsstroemia, 20
Fossombronia, 45
FOSSOMBRONIACEAE, 45
Foveolina, 226
***Fragaria**, 823
Frankenia, 561
FRANKENIACEAE, 561
***Fraxinus**, 752
Freesia, 1082
Fresenia, 227
Freuchenia, 1082
Freylinia, 871
Freyliniopsis, 872
Friedrichsthalia, 316
Friesodielsia, 122
Frithia, 681
Frullania, 47
Frullanoides, 51
Fugosia, 622
Fuirena, 1033
***Fumaria**, 562
FUMARIACEAE, 561
Funaria, 16
FUNARIACEAE, 16
Furcaria, 622
Fusanus, 853

G

***Gaillardia**, 227
Gaillonia, 830
Galactia, 511
Galaxia, 1082
Galeandra, 1138
Galega, 511
Galenia, 107
Galeomma, 227
***Galinsoga**, 227
Galium, 830
Galopina, 831
Galpinia, 616
Galtonia, 1060
***Gamochaeta**, 227
Gamolepis, 227
Garcinia, 369
Gardenia, 831
Garuleum, 228
Gasteria, 994
***Gastridium**, 1171
***Gastrodia**, 1138
***Gaura**, 754
Gazania, 228
Gazochloa, 1171
Geigeria, 229
Geissoloma, 562
GEISSOLOMATACEAE, 562
Geissorhiza, 1082
Gelonium, 467
Gelseminum, 312
Gemmaria, 962
Gendarussa, 98
Geniosporum, 587
Genista, 511
Genlisea, 601
GENTIANACEAE, 562
GEOCALYCACEAE, 45
GERANIACEAE, 566
Geranium, 566
Gerardia, 757
Gerardiina, 758
Gerbera, 231
Gerdaria, 758
Germanea, 587
Geropogon, 232
Gerrardanthus, 415
Gerrardina, 560
GESNERIACEAE, 578
Gethyllis, 962
Geum, 824
Gibbaeum, 681
Gibbaria, 232
GIGASPERMACEAE, 17
Gigaspermum, 17
Girardinia, 939
Gisekia, 580
GISEKIACEAE, 580
Gladiolus, 1085
***Glaucium**, 770
***Gleditsia**, 511
Gleichenia, 72
GLEICHENIACEAE, 72
Glekia, 872
Glia, 128
Glinus, 739
Glischrocolla, 775
Globulariopsis, 872
Globulea, 406
Gloriosa, 1015
Glossochilus, 98
Glossostephanus, 148
Glossostylis, 758
Glottiphyllum, 681
Gloveria, 356
Glumicalyx, 872
Glycine, 511
***Glycyrrhiza**, 511
Gnaphalium, 232
Gnidia, 928
Gomphocarpus, 148
Gompholobium, 511
Gomphostigma, 333
***Gomphrena**, 113
Gonatopus, 972
Gongrothamnus, 234
Gongylanthus, 41
Gongyloglossa, 234
Gonioma, 150

Goniomitrium, 17
GOODENIACEAE, 581
Gorskia, 511
Gorteria, 234
Gosela, 873
Gossypioides, 622
Gossypium, 622
Gottschea, 60
Graderia, 758
Grammanthes, 407
Grammatotheca, 607
GRAMMITIDACEAE, 72
Grammitis, 72
Grangea, 234
Graphorchis, 1138
Gratiola, 873
***Grevillea**, 796
Grewia, 936
Greyia, 581
GREYIACEAE, 581
Grielum, 748
Grimmia, 18
GRIMMIACEAE, 18
Grisebachia, 449
Grossera, 467
Grubbia, 581
GRUBBIACEAE, 581
Grumilea, 831
Guajacum, 512
Guatteria, 122
Guettarda, 832
Guibourtia, 512
Guilandina, 512
***Guilleminea**, 113
***Guizotia**, 234
Gunillaea, 337
Gunnera, 581
GUNNERACEAE, 581
Gussonea, 1138
Gutenbergia, 234
Guthriea, 106
Gymnachaena, 234
Gymnadenia, 1138
Gymnema, 150
Gymnocoleopsis, 48
Gymnodiscus, 234
GYMNOMITRIACEAE, 46
Gymnomitrion, 46
Gymnopentzia, 234
Gymnosporia, 356
Gymnostephium, 234
Gymnostomum, 28
Gymnostyles, 235
Gynandriris, 1094
Gynandropsis, 349
Gynura, 235
Gyrocarpus, 582
Gyroweisia, 28

H

Habenaria, 1138
***Habranthus**, 963
Hackelochloa, 1171
Haemanthus, 963
Haematobanche, 758
Haematoxylum, 512
HAEMODORACEAE, 1053
Haenelia, 235
***Hainardia**, 1171
***Hakea**, 796
Hallackia, 1140
Halleria, 873
Hallia, 512
Hallianthus, 683
Halodule, 1019
Halopeplis, 365
Halophila, 1071
HALORAGACEAE, 582
Halosarcia, 365
HAMAMELIDACEAE, 582
Hammeria, 683
Haplocarpha, 235
Haplocladium, 37
Haplocoelum, 860
Haplohymenium, 3
HAPLOMITRIACEAE, 47
Haplomitrium, 47
Haplostellis, 1140
Harpagophytum, 772
Harpephyllum, 116
Harpochloa, 1171
***Harrisia**, 335
Hartmanthus, 683
Hartogia, 358, 850
Hartogiella, 358
Harveya, 758
Haumaniastrum, 587
Haworthia, 997
Hebea, 1094
Hebenstretia, 873
Hedwigia, 19
HEDWIGIACEAE, 19
Hedwigidium, 19
***Hedychium**, 1215
Hedyotis, 832
***Hedypnois**, 235
Hedysarum, 512
Heeria, 116
***Heimia**, 616
Heinsia, 832
***Helianthus**, 235
Helichrysopsis, 235
Helichrysum, 235
Helicodontium, 23
Heliconia, 1212
Helictotrichon, 1171
Helinus, 812
Heliophila, 322
Heliophytum, 316
Heliotropium, 316
Helipterum, 246
Helixanthera, 613
Helixyra, 1094
Hellmuthia, 1034
Helophytum, 407
Hemarthria, 1171
HEMEROCALLIDACEAE, 1054
Hemicarpha, 1034
Hemichlaena, 1034
Hemigraphis, 99
Hemimeris, 875
Hemitelia, 69
Hemizygia, 587
Hennediella, 28
HERBERTACEAE, 47
Herbertus, 47
Hereroa, 683
Hermannia, 919
Hermas, 128
Hermbstaedtia, 113
Herminium, 1140
HERNANDIACEAE, 582
Herniaria, 352
Herpestis, 875
Herpetineuron, 3
Herpolirion, 1054
Herrea, 684
Herreanthus, 685
Herschelia, 1140
Herschelianthe, 1140
×*Herscheliodisa*, 1141
Hertia, 246
Hesperantha, 1094
Hessea, 964
Heteractis, 247
Heteranthera, 1194
Heterocarpha, 1171
***Heterocentron**, 629
Heterolathus, 512
Heterolepis, 247
Heteromma, 247
Heteromorpha, 129
Heterophyllium, 35
Heteropogon, 1171
Heteroptilis, 129
HETEROPYXIDACEAE, 582
Heteropyxis, 582
Heterorhachis, 247
Heterosamara, 781
Heteroscyphus, 46
Heudelotia, 335
Hewittia, 374
Hexacyrtis, 1015
Hexaglottis, 1096
Hexalobus, 122
Hexastemon, 449
Heywoodia, 467
Hibiscus, 622
Hieracium, 247
Hiernia, 759
Hilleria, 776
Hilliardia, 247
Hippia, 247
Hippobromus, 860
Hippocratea, 358
Hipporchis, 1141
Hipporkis, 1141
Hirpicium, 247
***Hirschfeldia**, 326
Histiopteris, 69
Hoffmannseggia, 512
Holarrhena, 150
Holcus, 1172
Holomitrium, 11
Holopetalum, 811
Holophyllum, 248
***Holosteum**, 352
Holostylon, 588
Holothrix, 1141
Holubia, 773
***Homalanthus**, 467
Homalium, 560
Homalothecium, 5
Homeria, 1096
Homochaete, 248
Homochroma, 248
Homoglossum, 1097
Hoodia, 150
×**Hoodiapelia**, 151
×**Hoodiopsis**, 151
Hookeriopsis, 26
Hoplophyllum, 248
Hordeum, 1172
Hoslundia, 588
Hottonia, 875
Huernia, 151
Huerniopsis, 153
Hugonia, 603
Humea, 248
Huperzia, 75
Husnotiella, 28
Huttonaea, 1142
HYACINTHACEAE, 1054
Hyacinthus, 1060
Hyaenanche, 467
Hyalolepidozia, 53
Hybanthus, 944
Hydnora, 583
HYDNORACEAE, 583
HYDROCHARITACEAE, 1071
Hydrocotyle, 129
Hydroidea, 248
Hydrophilus, 1200
Hydrophylax, 832
HYDROSTACHYACEAE, 583
Hydrostachys, 583
Hygroamblystegium, 2
Hygrophila, 99
***Hylocereus**, 335
Hymenocardia, 467
Hymenodictyon, 832
Hymenogyne, 685
Hymenolepis, 248
***Hymenolobus**, 327
HYMENOPHYLLACEAE, 73
Hymenophyllum, 73
Hymenosicyos, 415
***Hymenosporum**, 777
Hymenostylium, 29
Hyobanche, 759
Hyophila, 29
Hyoseris, 248
Hyparrhenia, 1172
Hyperacanthus, 832
HYPERICACEAE, 583
Hypericophyllum, 249
Hypericum, 583
Hypertelis, 739
Hyperthelia, 1173
Hyphaene, 973
HYPNACEAE, 19
Hypnum, 19
Hypocalyptus, 512
***Hypochaeris**, 249
Hypodematium, 86
Hypodiscus, 1200
Hypodontium, 29
Hypoestes, 99
Hypogynium, 1173
Hypolaena, 1201
Hypolepis, 418
Hypolepis, 69
Hypoporum, 1034
HYPOPTERYGIACEAE, 20
Hypopterygium, 20
HYPOXIDACEAE, 1071
Hypoxis, 1072
Hypserpa, 632
***Hyptis**, 588

I

Ibbetsonia, 512
***Ibicella**, 773
Iboza, 588
ICACINACEAE, 584
Ifloga, 249
Ihlenfeldtia, 685
Ilex, 177
Illecebrum, 114
Ilysanthes, 875
Imitaria, 685
Impatiens, 311
Imperata, 1173
Indigastrum, 513
Indigofera, 513
Inezia, 249
Inflatolejeunea, 51
Inga, 522
Ingenhoussia, 522
Inhambanella, 861
Intsia, 523
Inula, 249
Inulanthera, 249
Inversodicraea, 780
Iocaste, 250
Iphigenia, 1015
Iphiona, 250
Ipomoea, 374
Ireon, 818
IRIDACEAE, 1074
Iris, 1097
Ischaemum, 1173
Ischnolepis, 153
Ischyrodon, 14
Ischyrolepis, 1201
ISOETACEAE, 73
Isoetes, 73
Isoglossa, 99
Isolepis, 1034
Isolobus, 607
Isopterygium, 19
Isotachis, 42
Itasina, 130
Ixia, 1097
Ixianthes, 875

J

***Jacaranda**, 312
Jacksonago, 523
Jacobaea, 250
Jacobaeastrum, 250
Jacobsenia, 685
Jacquemontia, 250
Jacqucmontia, 377
Jaegerina, 33
Jamesbrittenia, 875
Jamesoniella, 48
Jasminum, 752
Jatropha, 467
Jaumea, 250
Jensenia, 56
Jensenohotrya, 685
Jordaaniella, 685
Jubaeopsis, 973
JUBULACEAE, 47
Julhernardia, 523
Jumellea, 1142
JUNCACEAE, 1117
JUNCAGINACEAE, 1118
Juncellus, 1036
Juncus, 1117
Jungermannia, 48
JUNGERMANNIACEAE, 48
***Juniperus**, 88
Juratzkaea, 36
Justicia, 100
Juttadinteria, 685

K

Kaempferia, 1215
Kalaharia, 588
Kalanchoe, 407
Kalosanthes, 408
Kamiesbergia, 965
Kanahia, 153
Kaokochloa, 1173
Karomia, 588
Karroochloa, 1173
Kaulfussia, 250
Kedrostis, 415
Keetia, 832
Kellaua, 423
Kensitia, 686
Kentrophyllum, 250
Kentrosiphon, 1099
Khadia, 686
***Khaya**, 630
***Kickxia**, 879
Kigelia, 312
Kiggelaria, 560
Kindbergia, 5
Kirkia, 584
KIRKIACEAE, 584
Kissenia, 604
Klattia, 1099
Kleinia, 250
Klenzea, 251
Klingia, 965
Kniphofia, 1008
Knowltonia, 810
Kobresia, 1036
Kochia, 365
Koeleria, 1173
Kogelbergia, 926
Kohautia, 832
Kohlrauschia, 352
Kosteletzkya, 625
Kotschya, 523
Krauseola, 352
Kraussia, 833
Krebsia, 153
Kumara, 1010
Kurzia, 53
Kyllinga, 1036
Kyllingiella, 1037
Kyphocarpa, 114

L

Lablab, 523
Lachenalia, 1060
Lachnaca, 931
Lachnopylis, 333
Lachnospermum, 251
Lachnostylis, 468
Lacis, 780
Lactuca, 251
Laevicarpa, 251
Lagarinthus, 153
Lagarosiphon, 1071
Lagenaria, 416
Lagenocarpus, 449
Laggera, 251
***Lagurus**, 1173
Lagynias, 833
***Lamarckia**, 1173
LAMIACEAE, 584
***Lamium**, 588
Lampranthus, 686
Lamprocaulis, 1203
Lamprocephalus, 252
Lanaria, 1119
LANARIACEAE, 1119
Lancisia, 252
Landolphia, 154
Landtia, 252
Langebergia, 252
Lanipila, 252
Lannea, 116
Lantana, 942
Lapeirousia, 1099
Lapidaria, 692
Laportea, 939
Lappula, 317
***Lapsana**, 252
Larochea, 408
Larryleachia, 154
Lasiochloa, 1174
Lasiocoma, 252
Lasiocorys, 588
Lasiodiscus, 812
Lasiopogon, 252
Lasiopus, 252
Lasiosiphon, 933
Lasiospermum, 252
Lathriogyna, 523
Launaea, 253
LAURACEAE, 600
Laurembergia, 582
Laurentia, 607
Lauridia, 358
Laurophyllus, 116
***Lavatera**, 625
Lavrania, 154
Leachia, 155
Leachiella, 155
Lebeckia, 523
Lecomtedoxa, 861
LECYTHIDACEAE, 601
Ledebouria, 1063
Ledermanniella, 780
Leersia, 1174
Lefebvrea, 130
Leidesia, 468
Leiocarya, 317
Leiothylax, 780
Leipoldtia, 692
Lejeunea, 51
LEJEUNEACEAE, 49
Lemna, 1119
LEMNACEAE, 1119
LENTIBULARIACEAE, 601
Leobordea, 524
Leonotis, 588
Leontodon, 253
Leontonyx, 253
Leonurus, 589
Lepicolca, 53
LEPICOLEACEAE, 53
Lepidagathis, 101
Lepidanthus, 1203
Lepidium, 327
Lepidopilidium, 26
Lepidosperma, 1037
Lepidostephium, 253
Lepidozia, 53
LEPIDOZIACEAE, 53
Lepigonum, 352
Lepisia, 1037
Lepisiphon, 253
Lepisorus, 78
Leptactina, 833
Leptaloe, 1010
Lepterica, 449
Leptobryum, 22
Leptocarpus, 1203
Leptocarydion, 1174
Leptochloa, 1174
Leptocodon, 337
Leptocolea, 52
Leptodictyum, 2
Leptodon, 21
LEPTODONTACEAE, 20
Leptodontium, 29
Leptoischyrodon, 35
Leptopterigynandrum, 21
Leptorchis, 1142
Leptorkis, 1142
Leptoscyphus, 46
***Leptospermum**, 748
Leptostachya, 101
Leptothamnus, 253
Leptotheca, 34
Leptotrichella, 11
Lepturus, 1174
LESKEACEAE, 21
Leskeella, 21
***Lespedeza**, 524
Lessertia, 524
Letestuella, 780
Lethocolea, 40
Leucadendron, 796
Leucadendrum, 796
***Leucaena**, 526
***Leucanthemum**, 253
Leucanthemum, 253
Leucas, 589
LEUCOBRYACEAE, 21
Leucobryum, 21
Leucodon, 22
LEUCODONTACEAE, 22
Leucolejeunea, 52
Leucoloma, 11
Leucoperichaetium, 18
Leucophrys, 1174
Leucoptera, 253
Leucosidea, 824
Leucospermum, 800
Leucosphaera, 114
Levierella, 15
Leysera, 253
Lichtensteinia, 130
Lichtensteinia, 613, 1015
Lidbeckia, 254
Lightfootia, 337
***Ligustrum**, 752
***LILIACEAE**, 1120
***Lilium**, 1120
Limeum, 739
LIMNOCHARITACEAE, 1120

Limnophila, 879
Limnophyton, 955
Limodorum, 1142
Limonium, 779
Limosella, 880
LINACEAE, 603
***Linaria**, 880
Linconia, 330
Lindbergia, 21
Lindernia, 880
Lindneria, 1064
Lindsaea, 74
LINDSAEACEAE, 74
Linociera, 752
Lintonia, 1174
Linum, 603
Linzia, 254
Liparia, 526
Liparis, 1142
Lipocarpha, 1037
Lipotriche, 254
Lipozygis, 527
Lippia, 943
Lissochilus, 1142
Listia, 527
Listrostachys, 1143
Litanthus, 1064
Lithops, 693
Lithospermum, 317
Litogyne, 254
***Litsea**, 601
Littonia, 1015
LOASACEAE, 604
Lobelia, 607
LOBELIACEAE, 604
Lobophyllum, 318
Lobostemon, 318
***Lobularia**, 328
Locellaria, 527
Lochnera, 155
Loddigesia, 527
Loeseneriella, 358
Loethainia, 527
***Lolium**, 1174
LOMARIOPSIDACEAE, 74
Lonchocarpus, 527
Lonchostoma, 331
***Lonicera**, 350
Lophacme, 1174
Lophiocarpus, 776
***Lophochloa**, 1174
Lophocolea, 46
LOPHOCOLEACEAE, 45
Lopholaena, 254
Lopholejeunea, 52
Lophozia, 49
Lopidium, 20
LORANTHACEAE, 612
Loranthus, 613
Lotononis, 527
Lotus, 532
Loudetia, 1175
Loxogramme, 78
Loxoscaphe, 67
Loxostylis, 116
Luckhoffia, 155
Ludwigia, 754
Luffa, 416
Lumnitzera, 371
Lunathyrium, 86
Lunularia, 54
LUNULARIACEAE, 54
***Lupinus**, 532
Luzula, 1118
Lychnidea, 881
Lychnis, 352
Lycium, 914
***Lycopersicon**, 915
LYCOPODIACEAE, 75
Lycopodiella, 75
Lycopodium, 75
Lydenburgia, 358
LYGODIACEAE, 75
Lygodium, 75
Lyperia, 881
Lysichlamys, 254
Lysimachia, 795
LYTHRACEAE, 616
***Lythrum**, 616

M

Maba, 423
***Macadamia**, 801
Macaranga, 468
***Macfadyena**, 312
Machairophyllum, 699
Mackaya, 101
Macledium, 254
Maclura, 744
Macowania, 255
Macrochaetium, 1037
Macrocoma, 24
Macromitrium, 24
Macropetalum, 155
Macrorungia, 101
Macrosiphon, 760
Macrostylis, 850
***Macrothelypteris**, 85
Macrotyloma, 532
Madotheca, 57
Maerua, 349
Maesa, 618
MAESACEAE, 618
Mafekingia, 155
Mahernia, 924
Mairia, 255
Malephora, 699
MALPIGHIACEAE, 618
***Malva**, 625
MALVACEAE, 619
***Malvastrum**, 626
Malveopsis, 626
***Mangifera**, 116
***Manihot**, 468
Manilkara, 861
Mannia, 42
Manochlamys, 365
***Mantisalca**, 255
Manulea, 882
Manuleopsis, 886
Maprounea, 468
Marasmodes, 256
Marattia, 76
MARATTIACEAE, 76
Marcellia, 114
Marcelliopsis, 114
Marchantia, 54
MARCHANTIACEAE, 54
Marchesinia, 52
Margaritaria, 468
Margelliantha, 1143
Mariarisqueta, 1143
Mariscus, 1038
Markhamia, 312
Marlothia, 812
Marlothiella, 130
Marlothistella, 700
***Marrubium**, 590
Marsdenia, 155
Marsilea, 76
MARSILEACEAE, 76
Marsupella, 46
Marsupidium, 40
Martynia, 773
Massonia, 1064
Mastersiella, 1203
Mataxa, 256
Matricaria, 256
Matthiola, 328
Maughaniella, 700
Mauhlia, 954
Maurocenia, 358
Maytenus, 359
***Medicago**, 532
MEESIACEAE, 22
Megaclinium, 1143
Megalastrum, 84
Megalochlamys, 101
Megaloprotachne, 1175
Megastachya, 1175
Meiothecium, 35
Melancranis, 1038
Melanospermum, 886
Melanosticta, 533
***Melanthera**, 256
Melanthium, 1015
Melasma, 760
Melasphaerula, 1101
Melastomastrum, 629
MELASTOMATACEAE, 628
Melhania, 925
***Melia**, 630
MELIACEAE, 629
MELIANTHACEAE, 631
Melianthus, 631
Melica, 1175
***Melilotus**, 533
Melinis, 1175
Melochia, 925
Melolobium, 533
Melothria, 416
Melpomene, 72
Memecylon, 629
MENISPERMACEAE, 631
Menispermum, 632
Menodora, 752
Mentha, 590
MENYANTHACEAE, 633
Merciera, 338
***Mercurialis**, 468
Merremia, 377
Merwilla, 1064
Merxmuellera, 1176
Mesanthus, 1203
MESEMBRYANTHEMACEAE, 633
Mesembryanthemum, 700
Mestoklema, 707
Metacalypogeia, 43
Metalasia, 256
Metaporana, 378
Metarungia, 101
Metastelma, 155
METEORIACEAE, 22
Methyscophyllum, 359
Metrosideros, 748
Metzgeria, 55
METZGERIACEAE, 55
Metzleria, 11
Meyerophytum, 708
Mezleria, 610
Micranthus, 1101
Microbryum, 29
Microcampylopus, 11
Microcharis, 533
Microchloa, 1176
Micrococca, 469
Microcodon, 338
Microcoelia, 1143
Microcrossidium, 29
Microdon, 886
Microdus, 11
Microglossa, 258
Microgramma, 79
***Microlaena**, 1176
Microlejeunea, 52
Microlepia, 70
Microlepidozia, 54
Microloma, 155
Microlonchus, 258
Micromeria, 590
Micromitrium, 13
Micropoma, 17
Micropterum, 708
Micropteryx, 534
Microrhynchus, 258
Microsorum, 79
Microstegium, 1176
Microtea, 776
Mielichhoferia, 23
Mikania, 258
Mikaniopsis, 259
Millettia, 534
Mimetes, 801
Mimosa, 534
Mimulus, 887
Mimusops, 862
Minurothamnus, 259
***Mirabilis**, 749
Miraglossum, 156
Mirasolia, 259
Miscanthidium, 1177
Miscanthus, 1177
***Misopates**, 887
Mitracarpum, 833
Mitriostigma, 833
Mitrophyllum, 708
Mittenothamnium, 20
MNIACEAE, 23
Mnioloma, 43
Mniothamnea, 331
Modecca, 771
***Modiola**, 626
***Moenchia**, 352
Moesslera, 331
Mohria, 66
Molendoa, 29
MOLLUGINACEAE, 738
Mollugo, 741
Momordica, 416

Monactinocephalus, 259
Monadenia, 1143
Monadenium, 469
Monanthotaxis, 122
Mondia, 156
Monechma, 101
Monelytrum, 1177
Monerma, 1177
Moniera, 887
Monilaria, 708
MONIMIACEAE, 743
MONOCARPACEAE, 55
Monocarpus, 55
Monochilus, 1143
Monochlaena, 259
Monochoria, 1194
Monocymbium, 1177
Monodora, 122
Monographidium, 824
Monopsis, 610
Monotris, 1143
Monsonia, 567
***Montanoa**, 259
Montbretia, 1101
Montbretiopsis, 1101
Monticapra, 259
Montinia, 743
MONTINIACEAE, 743
Moquiniella, 614
MORACEAE, 743
Moraea, 1101
Morella, 745
Moringa, 745
MORINGACEAE, 745
Morus, 744
Morysia, 259
Moschosma, 590
Mosdenia, 1177
Mossia, 708
Mucuna, 534
Muiria, 708
Mukia, 417
Mundia, 781
Mundulea, 534
Munichia, 259
Muraltia, 781
Murdannia, 1019
Muriea, 862
Musa, 1120
MUSACEAE, 1120
Myagrum, 328
***MYOPORACEAE**, 745
***Myoporum**, 745
Myosotis, 319
***Myosurus**, 810
Myrica, 746
MYRICACEAE, 745
MYRINIACEAE, 23
Myriophyllum, 582
MYROTHAMNACEAE, 746
Myrothamnus, 746
Myrovernix, 259
MYRSINACEAE, 746
Myrsine, 746
Myrsiphyllum, 977
MYRTACEAE, 747
***Myrtus**, 748
Mystacidium, 1143
Mystropetalon, 311
Mystroxylon, 359
Myxopappus, 259

N

Nachtigalia, 750
Nagelocarpus, 449
NAJADACEAE, 1120
Najas, 1120
Namacodon, 338
Namaquanthus, 708
Namaquanula, 965
Namibia, 708
Namophila, 1064
Nananthus, 709
Nanobryum, 16
Nanolirion, 1054
***Nassella**, 1177
***Nasturtium**, 328
Natalia, 631
Nautochilus, 590
Nebelia, 331
Neckera, 23
NECKERACEAE, 23
Nectaropetalum, 452
Neesenbeckia, 1038
Nelia, 709
Nelsia, 114
Nelsonia, 102
Nematanthus, 1204
Nemesia, 887
Nemia, 890
Nenax, 833
Neobakeria, 1064
Neobolusia, 1144
Neodregea, 1015
Neohenricia, 709
Neohyptis, 590
Neoluederitzia, 949
Neomuellera, 590
Neonotonia, 534
Neopatersonia, 1065
Neorautanenia, 534
Neorosea, 834
Nepeta, 590
NEPHROLEPIDACEAE, 77
Nephrolepis, 77
Neptunia, 535
Nerine, 965
***Nerium** , 156
Nervilia, 1144
Nesaea, 616
Nestlera, 260
Neumannia, 560
Neuracanthus, 102
Neurada, 748
NEURADACEAE, 748
Neuradopsis, 748
Neurotheca, 563
Nevillea, 1204
Newtonia, 260
Newtonia, 535
***Nicandra**, 915
Nicolasia, 260
Nicolsonia, 535
Nicotiana, 915
Nidorella, 260
Niebuhria, 350
***Nicrembergia**, 915
Nigrina, 760
Nivenia, 1107
Nivenia, 802
Nolletia, 261
Noltea, 812
Nomaphila, 102
Nortenia, 890
Notechidnopsis, 156
Notholaena, 82
Nothoperanema, 71
Nothosaerva, 115
***Nothoscordum**, 956
Notiophrys, 1144
Notobuxus, 335
Notonia, 261
Notoniopsis, 261
Notosceptrum, 1010
Notoscyphus, 49
Nurmonia, 630
Nuxia, 333
NYCTAGINACEAE, 749
Nycteranthus, 709
Nycterinia, 890
Nylandtia, 784
Nymania, 630
Nymphaea, 750
NYMPHAEACEAE, 750
Nymphoides, 633

O

Oberonia, 1144
Obetia, 939
Ochna, 751
OCHNACEAE, 751
Ocimum, 590
Ocotea, 601
Octoblepharum, 8
Octopoma, 711
Odina, 116
Odontella, 614
Odontelytrum, 1177
Odontophorus, 712
Odontoschisma, 43
Odyssea, 1177
Oeceoclades, 1144
Oedera, 262
Oedipodiella, 17
Oenanthe, 130
Oenostachys, 1107
***Oenothera**, 754
Oftia, 890
Ohlendorffia, 890
OLACACEAE, 751
Olax, 751
Oldenburgia, 262
Oldenlandia, 834
Olea, 753
OLEACEAE, 752
Oleandra, 77
OLEANDRACEAE, 77
Oligocarpha, 262
Oligocarpus, 262
Oligodora, 263
Oligodorella, 263
Oligomeris, 811
Oligothrix, 263
Oligotrichum, 26
Olinia, 753
OLINIACEAE, 753
Oliverella, 614
***Olyra**, 1177
Omentaria, 956
Ommatodium, 1145
Omphalobium, 535
Omphalocaryon, 449
ONAGRACEAE, 753
Oncinema, 156
Oncinotis, 156
Oncoba, 560
Oncocalyx, 614
Oncosiphon, 263
Ondetia, 263
Onixotis, 1015
Ononis, 535
Oophytum, 712
Operculina, 378
OPHIOGLOSSACEAE, 77
Ophioglossum, 77
Ophionella, 156
Ophrestia, 535
Ophrys, 1145
Ophthalmophyllum, 712
Opilia, 755
OPILIACEAE, 755
Oplismenus, 1177
Opophytum, 712
***Opuntia**, 335
Orbea, 157
Orbeanthus, 158
Orbeopsis, 158
ORCHIDACEAE, 1121
Orchis, 1145
Oreoleysera, 263
Oreosyce, 417
Oreoweisia, 11
Oricia, 851
Ormiscus, 328
Ormocarpum, 535
Ornithogalum, 1065
Ornithoglossum, 1016
***Ornithopus**, 535
OROBANCHACEAE, 755
Orobanche, 760
Oropetium, 1177
Orothamnus, 802
Orphium, 563
Orthanthera, 159
Orthochilus, 1145
ORTHODONTIACEAE, 24
Orthodontium, 24
Orthopenthea, 1145
Orthopterum, 712
Orthosiphon, 591
Orthostichopsis, 33
ORTHOTRICHACEAE, 24
Orthotrichum, 24
Orygia, 741 .
Oryza, 1177
Oryzidium, 1178
Oscularia, 713
Osmites, 263
Osmitopsis, 263
Osmunda, 78
OSMUNDACEAE, 78
Osteospermum, 264
Ostryoderris, 535
Osyridicarpos, 853
Osyris, 853
Otholobium, 535
Othonna, 267
Otiophora, 835
Otochlamys, 271
Otoptera, 537

Ottelia, 1071
Ottosonderia, 714
OXALIDACEAE, 762
Oxalis, 762
Oxyanthus, 835
Oxybaphus, 750
Oxycaryum, 1038
Oxygonum, 788
Oxylaena, 271
Oxymitra, 55
OXYMITRACEAE, 55
Oxyrhachis, 1178
Oxyrrhynchium, 5
Oxyspermum, 835
Oxystegus, 29
Oxytenanthera, 1178
Ozoroa, 116

P

Pachidendron, 1010
Pachites, 1145
Pachycalyx, 449
Pachycarpus, 159
Pachycymbium, 160
Pachypodium, 160
Pachyraphea, 537
Pachystigma, 835
Paederia, 836
Paederota, 890
Paepalanthus, 1050
Pagella, 408
Pahudia, 537
Palamocladium, 5
Pallavicinia, 56
PALLAVICINIACEAE, 56
Palmstruckia, 328, 890
Pancovia, 860
Pancratium, 966
Pandiaka, 115
Pandorea, 313
Panicum, 1178
Papaver, 770
PAPAVERACEAE, 770
Papillaria, 22
Pappea, 860
Paracromastigum, 54
Paralepistemon, 378
Paranomus, 802
***Parapholis**, 1179
Parapodium, 160
***Paraserianthes**, 537
Paraspalathus, 537
Parastranthus, 611
Paratheria, 1179
Parietaria, 940
Parinari, 369
Paritium, 626
PARKERIACEAE, 78
Parkinsonia, 538
***Paronychia**, 352
Paropsia, 771
***Parthenium**, 271
Paspalidium, 1179
Paspalum, 1179
Passerina, 933
***Passiflora**, 771
PASSIFLORACEAE, 771
***Pastinaca**, 130
Pauletia, 538
Paullinia, 861
Pauridia, 1073
Pavetta, 836
Pavonia, 626
Pearsonia, 538
Pechuel-Loeschea, 271
Pectinaria, 160
PEDALIACEAE, 772
Pedalium, 773
Peddiea, 934
***Pedilanthus**, 469
Pedistylis, 614
Peersia, 714
***PEGANACEAE**, 775
***Peganum**, 775
Pegolettia, 271
Pelargonium, 568
Pelekium, 37
Peliostomum, 890
Pellaea, 82
Peltaria, 538
Peltophorum, 538
Penaea, 775
PENAEACEAE, 775
Pennisetum, 1180
Pentacoilanthus, 714
Pentameris, 1180
***Pentanema**, 271
Pentanisia, 837
Pentarrhinum, 161
Pentas, 837
Pentaschistis, 1180
Pentatrichia, 271
Pentatropis, 161
Penthea, 1145
Pentheriella, 272
Pentodon, 837
Pentopetia, 161
Pentzia, 272
Peperomia, 777
Peponia, 417
Peponium, 417
Perapentacoilanthus, 714
Peratetracoilanthus, 714
Perdicium, 273
***Pereskia**, 336
Pergularia, 161
***Periballia**, 1182
Periboea, 1068
Periglossum, 161
Periphanes, 966
Peristrophe, 102
Peristylus, 1145
Perlebia, 538
Perotis, 1182
Perotriche, 273
Persica, 824
Persicaria, 789
Petalacte, 273
Petalactella, 273
Petalidium, 103
Petamenes, 1107
Petopentia, 161
Petrogeton, 408
***Petrorhagia**, 352
***Petroselinum**, 130
Peucedanum, 130
Peyrousea, 273
***Phacelia**, 320
Phacelurus, 1183
Phacocapnos, 562
Phaenocoma, 273
Phaenohoffmannia, 539
Phaeocephalus, 273
Phaeoceros, 64
Phaeoptilum, 750
Phalangium, 971
***Phalaris**, 1183
Phaneroglossa, 273
Phanerophlebia, 71
Pharnaceum, 741
Phasconica, 29
Phascum, 29
Phaseolus, 539
Phaulopsis, 104
Phelypaea, 760
Phelypea, 418
Pherolobus, 714
Phialodiscus, 861
Philenoptera, 539
Philippia, 449
Philonotis, 4
Philyrophyllum, 273
Phlebodium, 79
Phlomis, 591
Phlyctidocarpa, 131
Phoberos, 560
Phoenix, 973
Phragmanthera, 614
Phragmilejeunea, 52
Phragmites, 1183
Phygelius, 891
***Phyla**, 943
Phylica, 812
Phyllanthus, 469
Phyllobolus, 714
Phyllocomos, 1204
Phyllogeiton, 816
Phyllopodium, 891
Phyllosma, 851
Phylohydrax, 838
Phymaspermum, 273
Phymatodes, 79
Phymatosorus, 79
***Physalis**, 915
Physcomitrellopsis, 17
Physcomitrium, 17
Phytolacca, 776
PHYTOLACCACEAE, 776
Piaranthus, 161
***Picris**, 274
Pilea, 940
Piliostigma, 539
Pillansia, 1108
Piloselloides, 274
PILOTRICHACEAE, 25
Pilotrichella, 22
Pilularia, 76
Pimpinella, 131
***PINACEAE**, 88
Pinnatella, 23
***Pinus**, 88
Piper, 777
PIPERACEAE, 777
Pircunia, 777
Piriqueta, 938
Pisonia, 750
Pisosperma, 417
***Pistia**, 972
PITTOSPORACEAE, 777
Pittosporum, 777
Pituranthos, 131
Pityrogramma, 82
Plagiobryum, 7
Plagiochasma, 42
Plagiochila, 56
PLAGIOCHILACEAE, 56
Plagiochloa, 1183
Plagiomnium, 23
Plagiopus, 4
Plagiostigma, 539
PLAGIOTHECIACEAE, 26
Plagiothecium, 26
Planea, 274
PLANTAGINACEAE, 778
Plantago, 778
Platanthera, 1145
Platostoma, 591
Platycalyx, 450
Platycarpha, 274
Platycaulos, 1204
Platycoryne, 1145
Platyhypnidium, 5
Platylepis, 1038
Platylepis, 1146
Platylophus, 418
Platyneuron, 11
Platythyra, 718
Plaubelia, 29
Plecostachys, 274
Plectranthus, 591
Plectronia, 838
Plectroniella, 838
Pleiospilos, 718
Pleiospora, 539
Pleiotaxis, 274
Pleopeltis, 79
×Pleopodium, 79
Pleurachne, 1038
Pleuridium, 12
Pleurostylia, 360
Plexipus, 943
Plicosepalus, 615
Plinthus, 108
Pluchea, 275
Plukenetia, 470
PLUMBAGINACEAE, 778
Plumbago, 779
Pneumatopteris, 85
Poa, 1183
POACEAE, 1152
Poagrostis, 1183
Podalyria, 539
PODOCARPACEAE, 89
Podocarpus, 89
PODOSTEMACEAE, 780
Podranea, 313
Poecilolepis, 275
Poellnitzia, 1011
Pogonarthria, 1183
Pogonatum, 26
Pogonia, 1146
Pohlia, 23
Poinciana, 540
Poinsettia, 470
Poivrea, 371
Polanisia, 350
Polemannia, 131
Polemanniopsis, 132
Polevansia, 1183
Polhillia, 540

Pollichia, 352
Polpoda, 742
Polyarrhena, 275
Polycarena, 892
Polycarpaea, 352
Polycarpon, 353
Polycenia, 893
Polychaetia, 275
Polygala, 784
POLYGALACEAE, 781
POLYGONACEAE, 788
Polygonum, 790
Polymita, 719
Polymnia, 275
POLYPODIACEAE, 78
Polypodium, 79
Polypogon, 1184
Polystachya, 1146
Polystichum, 71
POLYTRICHACEAE, 26
Polytrichastrum, 27
Polytrichum, 27
Polyxena, 1068
***Pontederia**, 1194
PONTEDERIACEAE, 1194
Popowia, 122
***Populus**, 852
Porcellites, 275
Porella, 57
PORELLACEAE, 57
Porothamnium, 24
Porotrichum, 24
Portulaca, 794
PORTULACACEAE, 792
Portulacaria, 794
Potamogeton, 1194
POTAMOGETONACEAE, 1194
Potamophila, 1184
Potentilla, 824
Poterium, 824
Pottia, 29
POTTIACEAE, 27
Pouteria, 862
Pouzolzia, 940
Premna, 594
Prenanthes, 275
Prenia, 719
Prepodesma, 719
Pretrea, 773
Priestleya, 540
PRIMULACEAE, 795
Printzia, 275
Prionanthium, 1184
PRIONIACEAE, 1195
Prionium, 1195
Prionodon, 32
PRIONODONTACEAE, 32
Prionostemma, 360
Prismatocarpus, 338
Pristimera, 360
Pristocarpha, 276
Priva, 943
***Proboscidea**, 773
***Prosopis**, 541
Prosphytochloa, 1184
Protasparagus, 977
Protea, 803
PROTEACEAE, 795
Protium, 335
Protorhus, 117
***Prunella**, 594
Prunus, 824
Psammophora, 719
Psammotropha, 742
Psathurochaeta, 276
Psednotrichia, 276
Pseudalthenia, 1215
Pseudarthria, 541
Pseudechinolaena, 1184
Pseuderanthemum, 104
Pseudobaeckea, 331
Pseudobarleria, 104
Pseudobersama, 630
Pseudobrachiaria, 1184
Pseudobromus, 1184
Pseudobrownanthus, 720
Pseudocadia, 541
Pseudocassine, 360
Pseudocimum, 594
Pseudoconyza, 276
Pseudocrossidium, 30
Pseudocyclosorus, 85
Pseudogaltonia, 1068
Pseudognaphalium, 276
Pseudognidia, 934
Pseudolachnostylis, 470
Pseudoleskea, 21
Pseudoleskeopsis, 21
Pseudomariscus, 1038
Pseudopentameris, 1184
Pseudoprospero, 1069
Pseudosalacia, 360
Pseudoschoenus, 1038
Pseudoscleropodium, 5
Pseudoscolopia, 560
Pseudoselago, 893
Pseudosymblepharis, 30
Pseudotragia, 470
Pseudowolffia, 1119
Psiadia, 276
***Psidium**, 748
Psilocarya, 1039
Psilocaulon, 720
Psilochloa, 1184
Psiloclada, 54
Psilolepus, 541
PSILOTACEAE, 80
Psilothamnus, 276
Psilothonna, 276
Psilotrichum, 115
Psilotum, 80
Psoralea, 541
Psychotria, 838
Psydrax, 838
Ptaeroxylon, 851
Pteleopsis, 371
PTERIDACEAE, 80
Pteridium, 70
PTERIGYNANDRACEAE, 33
Pteris, 82
PTEROBRYACEAE, 33
Pterobryopsis, 33
Pterocarpus, 543
Pterocelastrus, 360
Pterococcus, 470
Pterodiscus, 773
Pterogonium, 22
Pterolepis, 1039
Pterolobium, 543
Pteronia, 276
Pterothrix, 279
Pterygodium, 1146
Pterygoneurum, 30
Ptychanthus, 52
Ptycholobium, 543
PTYCHOMITRIACEAE, 33
Ptychomitriopsis, 33
Ptychomitrium, 33
Puccinellia, 1184
***Pueraria**, 544
Pulicaria, 279
Punctillaria, 721
Pupalia, 115
Purgosea, 409
Pusaetha, 544
Putterlickia, 360
Pycnosphaera, 563
Pycnostachys, 594
Pycreus, 1039
Pygeum, 824
Pygmaeothamnus, 838
***Pyracantha**, 824
Pyrenacantha, 584
Pyrethrum, 279
Pyrostria, 838
Pyrrhobryum, 34
Pyrrosia, 79
***Pyrus**, 824

Q

Quaqua, 162
Quartinia, 544
Quathlamba, 4
***Quercus**, 559
Quisqualis, 371

R

Rabdosia, 594
Rabdosiella, 594
Rabiea, 722
Racomitrium, 18
RACOPILACEAE, 34
Racopilum, 34
Radinocion, 1147
Radinosiphon, 1108
Radula, 57
RADULACEAE, 57
Radyera, 627
Rafnia, 544
Randia, 839
Rangaeris, 1147
RANUNCULACEAE, 809
Ranunculus, 810
Rapanea, 746
Raphanocarpus, 417
***Raphanus**, 328
Raphia, 973
Raphidophyllum, 761
Raphionacme, 164
***Rapistrum**, 328
Rapuntium, 611
Raspalia, 331
Rauiella, 37
Rauvolfia, 164
Rawsonia, 560
Rectolejeunea, 52
Reichardia, 545
Reissantia, 360
Relhania, 279
Rendlia, 1184
Rennera, 280
Requienia, 545
Reseda, 811
RESEDACEAE, 811
Resedella, 811
Resnova, 1069
Restio, 1204
RESTIONACEAE, 1195
Retzia, 926
Reyemia, 894
***Reynoutria**, 790
Rhabdoweisia, 12
RHACHITHECIACEAE, 34
Rhachithecium, 34
Rhacocarpus, 19
Rhacopilopsis, 20
Rhadamanthus, 1069
Rhagodia, 365
RHAMNACEAE, 812
Rhamnus, 816
Rhamphicarpa, 761
Rhaphidorhynchus, 1147
Rhaphidorrhynchium, 35
Rheome, 1108
Rhigiophyllum, 339
Rhigozum, 313
Rhinacanthus, 104
Rhinanthus, 761
Rhinephyllum, 722
Rhinolobium, 164
Rhipidodendron, 1011
Rhipidoglossum, 1147
Rhipsalis, 336
RHIZOGONIACEAE, 34
Rhizophora, 817
RHIZOPHORACEAE, 817
Rhodobryum, 7
Rhodocoma, 1208
Rhodohypoxis, 1073
Rhoiacarpos, 853
Rhoicissus, 948
Rhombonema, 164
Rhombophyllum, 722
Rhopalocyclus, 722
Rhopalota, 409
Rhus, 17
Rhynchelytrum, 1184
RHYNCHOCALYCACEAE, 817
Rhynchocalyx, 817
Rhynchocarpa, 417
Rhynchopsidium, 281
Rhynchosia, 545
Rhynchospora, 1040
Rhynchostegiella, 5
Rhynchostegium, 5
Rhynea, 281
Rhyssolobium, 164
Rhytachne, 1185
Rhyticarpus, 132
Rhytiglossa, 104
Riccardia, 41
Riccia, 58
RICCIACEAE, 58
Ricciocarpos, 59
***Richardia**, 839
Richardia, 972
Richardsonia, 839
Ricinodendron, 470

***Ricinus**, 470
Riella, 60
RIELLACEAE, 60
RIGODIACEAE, 34
Rigodium, 34
Rikliella, 1040
Rinorea, 944
Riocreuxia, 164
***Rivina**, 777
***Robinia**, 548
Robsonodendron, 361
Rochea, 409
***Rochelia**, 320
Roella, 339
Rogeria, 773
Roggeveldia, 1108
Rohria, 281
Romulea, 1108
Rondeletia, 839
Roodebergia, 281
Roodia, 723
Roridula, 818
RORIDULACEAE, 818
Rorippa, 328
***Rosa**, 824
ROSACEAE, 818
Rosenia, 281
Rotala, 617
Rotheca, 595
Rothia, 548
Rothmannia, 839
Rottboellia, 1185
Roubieva, 365
Rourea, 371
Royena, 423
Rubia, 839
RUBIACEAE, 825
Rubus, 824
Ruckeria, 281
Ruellia, 104
Ruelliopsis,104
Rumex, 790
Rumohra, 71
Rungia, 105
Ruppia, 1211
RUPPIACEAE, 1211
Ruschia, 723
Ruschianthemum, 731
Ruschianthus, 731
Ruspolia, 105
Russelia, 940
***Ruta**, 851
RUTACEAE, 841
Ruttya, 105
×Ruttyruspolia, 105
Rytigynia, 839

S

Saccidium, 1147
Sacciolepis, 1185
Saccolabium, 1147
Saelania, 13
***Sagina**, 353
Salacia, 361
Salaxis, 450
SALICACEAE, 852
Salicornia, 365
Salix, 852
Salpinctium, 105
Salsola, 365
Saltera, 775
Salvadora, 853
SALVADORACEAE, 853
Salvia, 595
Salvinia, 83
SALVINIACEAE, 83
Samolus, 928
Sandersonia, 1016
Sanguisorba, 825
Sanicula, 132
Saniella, 1074
Sanionia, 2
Sansevieria, 1049
SANTALACEAE, 853
Santolina, 281
Saphesia, 731
SAPINDACEAE, 859
Sapindus, 861
Sapium, 470
Saponaria, 353
SAPOTACEAE, 861
Sarcocalyx, 548
Sarcocaulon, 577
Sarcocola, 775
Sarcocornia, 368
Sarcolipes, 409
Sarcophagophilus, 165
Sarcophyllus, 548
Sarcophyte, 311
Sarcostemma, 165
Sarothamnus, 548
Sartidia, 1185
Satureja, 596
Satyridium, 1147
Satyrium, 1147
Scabiosa, 419
Scadoxus, 966
Scaevola, 581
Scapania, 60
SCAPANIACEAE, 60
Sceletium, 732
Schefflera, 178
Schiffneriolejeunea, 52
***Schinus**, 121
Schinziophyton, 470
Schisma, 47
Schismus, 1185
Schistanthe, 895
Schistidium, 18
Schistochila, 60
SCHISTOCHILACEAE, 60
Schistostephium, 281
Schizachyrium, 1185
Schizaea, 83
SCHIZAEACEAE, 83
Schizobasis, 1069
Schizocarphus, 1069
Schizochilus, 1150
Schizodium, 1150
Schizoglossum, 165
Schizostephanus, 168
Schizostylis, 1111
***Schkuhria**, 282
Schlechteranthus, 732
Schlechteria, 328
Schlechterina, 772
Schlotheimia, 25
Schmidelia, 861
Schmidtia, 1186
Schoenefeldia, 1186
Schoenobryum, 8
Schoenoplectus, 1040
Schoenoxiphium, 1041
Schoenus, 1042
Schonlandia, 732
Schotia, 548
Schrebera, 753
Schwantesia, 732
Scilla, 1069
Scirpoides, 1042
Scirpus, 1043
***Scleranthus**, 353
Scleria, 1044
Sclerocarpus, 282
Sclerocarya, 122
Sclerochaetium, 1045
Sclerochiton, 105
Sclerocroton, 470
Scleropoa, 1186
Scolopia, 561
***Scoparia**, 895
Scopelogena, 733
Scopularia, 1151
SCROPHULARIACEAE, 862
***Scutellaria**, 597
Scutia, 816
Scyphogyne, 450
Scytalise, 548
Scytophyllum, 361
Sebaea, 563
Secale, 1186
Secamone, 168
Securidaca, 788
Securinega, 470
Seddera, 378
Sedum, 409
Seemannaralia, 178
Seetzenia, 949
Sehima, 1186
Seidelia, 471
Selaginastrum, 895
Selaginella, 83
SELAGINELLACEAE, 83
Selago, 895
SELIGERIACEAE, 35
SEMATOPHYLLACEAE, 35
Sematophyllum, 35
Semibarbula, 30
Semnanthe, 733
Semonvillea, 742
Senebiera, 329
Senecio, 282
Senna, 548
Septas, 410
Septulina, 615
Serapia, 1151
Serapias, 1151
Sericanthe, 839
Sericocoma, 115
Sericocomopsis, 115
Sericorema, 115
Seriphium, 293
Serratula, 293
Serruria, 806
Sesamothamnus, 773
Sesamum, 774
Sesbania, 549
Seseli, 132
Sessilistigma, 1111
Sesuvium, 109
Setaria, 1186
Shantzia, 627
Sheilanthera, 851
***Sherardia**, 839
Shirakiopsis, 471
Sickmannia, 1045
Sida, 627
Sideroxylon, 862
***Sigesbeckia**, 294
Sigmatosiphon, 774
Silene, 353
Silicularia, 329
***Silybum**, 294
Simocheilus, 450
***Sinapis**, 329
Sineoperculum, 733
Siphocodon, 340
Siphonochilus, 1215
Siphonoglossa, 105
Sisymbrium, 329
Sisyndite, 949
Sisyranthus, 168
Sium, 132
Skiatophytum, 733
Smelophyllum, 861
Smicrostigma, 733
SMILACACEAE, 1212
Smilax, 1212
Smithia, 550
Smodingium, 122
SOLANACEAE, 913
Solanecio, 294
Solanum, 916
Solenangis, 1151
Solenostemon, 597
Solenostoma, 49
***Soliva**, 294
Sonchus, 294
Sonderina, 132
Sonderothamnus, 776
Sophora, 550
Sopubia, 761
Sorghastrum, 1187
Sorghum, 1187
Sorocephalus, 808
Sparaxis, 1111
Sparrmannia, 937
Spartina, 1187
***Spartium**, 550
Spatalla, 808
Spatallopsis, 809
Spathodea, 313
***Spergula**, 353
Spergularia, 354
Spermacoce, 839
Spetaea, 1070
***Sphaeralcea**, 628
Sphaeranthus, 294
Sphaeritis, 410
SPHAEROCARPACEAE, 60
Sphaerocarpos, 60
Sphaerocionium, 73
Sphaeroclinium, 295
Sphaerocodon, 168
Sphaeroma, 628
Sphaerostylis, 471
Sphaerothecium, 12
Sphaerothylax, 780
SPHAGNACEAE, 36
***Sphagneticola**, 295

Sphagnum, 36
Sphalmanthus, 733
Sphedamnocarpus, 618
Sphenandra, 903
Sphenoclea, 918
SPHENOCLEACEAE, 918
Sphenogyne, 295
Sphenolobus, 49
***Sphenopus**, 1188
Sphenostylis, 550
Spielmannia, 745
Spilanthes, 295
Spiloxene, 1074
Spiralepis, 296
Spirodela, 1119
Spirostachys, 471
SPLACHNACEAE, 36
Splachnobryum, 30
Sporledera, 774
Sporobolus, 1188
Squamidium, 22
Staavia, 332
Staberoha, 1209
Stachys, 597
***Stachytarpheta**, 943
Stadmannia, 861
Staehelina, 296
Stangeria, 89
STANGERIACEAE, 89
Stapelia, 169
Stapelianthus, 172
Stapeliopsis, 172
Stathmostelma, 172
Statice, 780
Stayneria, 735
Steganotaenia, 132
Stegnogramma, 85
***Steinchisma**, 1189
Steirodiscus, 296
***Stellaria**, 354
Stemodiacra, 903
Stemodiopsis, 903
Stenochlaena, 68
Stenocline, 296
Stenoglottis, 1151
Stenosemis, 132
Stenostelma, 172
Stenotaphrum, 1189
Stephania, 632
Stephaniella, 47
Stephanocoma, 296
Sterculia, 925
STERCULIACEAE, 918
Stereochlaena, 1189
STEREOPHYLLACEAE, 36
Stereophyllum, 36
Steudelia, 742
Stiburus, 1189
Stictocardia, 378
Stigmatorhynchus, 173
STILBACEAE, 926
Stilbe, 926
Stilpnogyne, 296
Stilpnophyton, 296
Stipa, 1189
Stipagrostis, 1190
Stirtonanthus, 550
Stirtonia, 550
Stizolobium, 551
Stobaea, 296
Stoebe, 297
Stoeberia, 735
Stoibrax, 132
Stokoeanthus, 451
Stomatanthes, 298
Stomatium, 735
Stomatostemma, 173
Stoneobryum, 25
Streblochaete, 1191
Strelitzia, 1212
STRELITZIACEAE, 1212
Streptanthera, 1112
Streptocalypta, 30
Streptocarpus, 578
Streptopetalum, 938
Streptopogon, 30
Striga, 761
Strobilopsis, 903
Strophanthus, 173
Strumaria, 966
Struthiola, 934
Struthiolopsis, 935
STRYCHNACEAE, 927
Strychnos, 927
Stultitia, 173
Sturmia, 1151
Stylapterus, 776
Stylochaeton, 972
Stylocoryne, 840
Stylolejeunea, 52
Stylosanthes, 551
Styppeiochloa, 1191
Suaeda, 368
Suessenguthiella, 742
Suregada, 471
Susanna, 298
Sutera, 903
Sutherlandia, 551
Swartzia, 551
Swertia, 565
Sylitra, 551
Symphyogyna, 56
Symphyomitra, 40
Sympieza, 451
Synadenium, 471
Synaptolepis, 935
Synaptophyllum, 736
Syncarpha, 298
***Syncarpia**, 748
Synclisia, 632
Syncolostemon, 599
Syndesmanthus, 451
Syngonanthus, 1050
Synnema, 105
Synnotia, 1112
Syntrichia, 30
Sypharissa, 1070
Syringodea, 1112
Syrrhopodon, 8
Syzygium, 748

T

Tabernaemontana, 173
Tacazzea, 173
***Tagetes**, 299
Talbotia, 1213
Talinum, 794
TAMARICACEAE, 927
***Tamarindus**, 551
Tamarix, 927
***Tanacetum**, 299
Tanquana, 736
Tapinanthus, 615
Tapiphyllum, 840
Tapura, 418
Tara, 551
***Taraxacum**, 299
Tarchonanthus, 300
Tarenna, 840
Targionia, 61
TARGIONIACEAE, 61
Tarigidia, 1191
Tavaresia, 173
Taxilejeunea, 52
Taxillus, 616
***Taxodium**, 88
Tayloria, 36
Teclea, 851
Tecoma, 313
Tecomaria, 313
TECOPHILAEACEAE, 1212
Tectaria, 84
TECTARIACEAE, 84
Tedingea, 967
Teedia, 909
Telaranea, 54
Telina, 551
Telosma, 173
Tenagocharis, 1120
Tenaris, 173
Tenicroa, 1070
Tenrhynea, 300
Tephrosia, 551
Teramnus, 554
Terminalia, 371
Testudinaria, 1048
Tetrachne, 1191
Tetracoilanthus, 736
Tetradenia, 599
Tetragonia, 109
Tetraphyle, 410
Tetrapogon, 1191
Tetrapterum, 31
Tetraria, 1045
Tetraselago, 909
Tetratelia, 350
Tetratrichia, 300
Teucrium, 599
Thalassodendron, 1019
Thalictrum, 810
Thaminophyllum, 300
Thamnea, 332
Thamnium, 451
Thamnocalamus, 1191
Thamnochortus, 1209
Thamnosma, 851
Thamnus, 451
Theilera, 340
Thelechitonia, 301
Thelepogon, 1191
THELYPTERIDACEAE, 84
Thelypteris, 85
Themeda, 1191
Theodora, 554
THEOPHRASTACEAE, 928
Thereianthus, 1112
Thesidium, 853
Thesium, 854
Thesmophora, 927
Thespesia, 628
Thilachium, 350
***Thinopyrum**, 1191
Thlaspeocarpa, 329
***Thlaspi**, 329
Thodaya, 301
Thoracosperma, 451
Thorncroftia, 599
Thryocepalon, 1047
THUIDIACEAE, 37
Thuidium, 37
Thunbergia, 105
Thunbergiella, 132
Thuranthos, 1070
THYMELAEACEAE, 928
Thymus, 600
Thysananthus, 52
Thysanomitrion, 12
Tieghemia, 616
TILIACEAE, 935
Tiliacora, 632
Tillaea, 410
Timmiella, 31
Tinnea, 600
Tinospora, 632
Titanopsis, 737
***Tithonia**, 301
Tittmannia, 332
Toddalia, 851
Toddaliopsis, 851
Todea, 78
Tolpis, 301
***Toona**, 630
Torenia, 909
***Torilis**, 132
Tortella, 31
Tortula, 31
Tounatea, 554
Tournefortia, 320
Toxicodendrum, 471
Trachelium, 341
Trachyandra, 1011
Trachycalymma, 173
Trachyphyllum, 33
Trachypodopsis, 22
Trachypogon, 1191
Trachypus, 23
Trachysciadium, 132
***Tradescantia**, 1019
Tragia, 471
Tragiella, 472
***Tragopogon**, 301
Tragus, 1191
Trapa, 937
TRAPACEAE, 937
Treichelia, 341
Trema, 361
Trematodon, 6
Trianoptiles, 1047
Trianthema, 110
Triaspis, 619
Tribolium, 1192
Tribulocarpus, 110
Tribulus, 949
Tricalysia, 840
Trichelostylis, 1047
Trichilia, 630
Trichinium, 115
Trichocaulon, 173
Trichocephalus, 817
Trichocephalus, 927

Trichocereus, 336
Trichocladus, 582
Trichocyclus, 737
Trichodesma, 320
Trichodiadema, 737
Trichogyne, 301
Tricholaena, 1192
Trichomanes, 73
Trichoneura, 1192
Trichopteryx, 1192
Trichosanthes, 417
Trichosteleum, 35
Trichostomopsis, 32
Trichostomum, 32
Tricliceras, 938
Triclissa, 1012
Tridactyle, 1151
***Tridax**, 301
Tridentea, 174
Trieenea, 909
Trifolium, 554
Triglochin, 1118
Trigonella, 555
Trigonocapnos, 562
Trigonotheca, 301
Trilepisium, 744
Trimeria, 561
Trineuria, 555
Triplocephalum, 302
Tripogon, 1192
Tripterachaenium, 302
Tripteris, 302
Triquetrella, 32
Triraphis, 1192
Trisetaria, 1193
Trisetum, 1193
Tristachya, 1193
Tristemon, 451
Tristicha, 780
Tristichium, 13
Tritoma, 1012
Tritomanthe, 1012
Tritomaria, 49
Tritomium, 1012
Tritonia, 1113
Tritoniopsis, 1114
Tritonixia, 1115
Triumfetta, 937
Trixago, 762
Trochomeria, 417
Troglophyton, 303
Tromotriche, 174
Tryphia, 1151
Tryphostemma, 772
Tulbaghia, 956
Tunica, 354
Turbina, 378
Turia, 417
Turnera, 938
TURNERACEAE, 938
Turraea, 630
***Turritis**, 329
Tylecodon, 411
Tylimanthus, 40
Tylophora, 175
Tylosema, 555
Typha, 1213
TYPHACEAE, 1213
Tysonia, 320

U

***Ulex**, 555
ULMACEAE, 938
***Ulmus**, 938
Ulota, 25
Umtiza, 556
Uncaria, 774
Uncinia, 1047
Unigenes, 611
Unona, 122
Uragoga, 840
Urelytrum, 1193
***Urena**, 628
Urera, 940
Urginea, 1070
Urochlaena, 1193
Urochloa, 1193
***Urospermum**, 303
Ursinia, 303
Ursiniopsis, 306
Urtica, 940
URTICACEAE, 938
Utricularia, 602
Uvaria, 122

V

***Vaccaria**, 354
Vaccinium, 451
Vahlia, 940
VAHLIACEAE, 940
Valeriana, 941
VALERIANACEAE, 941
Vallisneria, 1071
Vallota, 967
Vangueria, 840
Vangueriopsis, 841
Vanheerdea, 738
Vanilla, 1152
Vanwykia, 616
Vanzijlia, 738
Vascoa, 556
Vauanthes, 413
Vellereophyton, 306
Vellozia, 1213
VELLOZIACEAE, 1213
Veltheimia, 1070
Venidium, 306
Vepris, 851
***Verbascum**, 909
***Verbena**, 943
VERBENACEAE, 941
***Verbesina**, 306
Verea, 413
***Vernicia**, 472
Vernonia, 306
Veronica, 909
Vesicularia, 20
Vetiveria, 1193
Vexatorella, 809
***Vicia**, 556
Vicoa, 309
Vieusseuxia, 1115
Vigna, 556
Villarsia, 633
***Vinca**, 175
Vincetoxicum, 175
Viola, 944
VIOLACEAE, 944
Virgilia, 557
VISCACEAE, 945
Viscum, 945
VITACEAE, 946
Vitellariopsis, 862
Vitex, 600
Vitis, 949
Vittaria, 85
VITTARIACEAE, 85
Vittia, 2
Vleisia, 1215
Vlokia, 738
Voacanga, 175
Vogelia, 780
Volkiella, 1047
Vossia, 1193
***Vulpia**, 1194

W

Wachendorfia, 1054
Wahlenbergia, 341
Walafrida, 910
Walleria, 1213
Wallinia, 777
Waltheria, 926
Warburgia, 346
Wardia, 37
WARDIACEAE, 37
Warneckea, 629
Watsonia, 1115
Webbia, 309
Webera, 841
Websteria, 1047
***Wedelia**, 309
Weinmannia, 418
Weisiopsis, 32
Weissia, 32
Wellstedia, 320
Welwitschia, 89
WELWITSCHIACEAE, 89
Whiteheadia, 1071
Wiborgia, 557
Widdringtonia, 88
Wiesneria, 956
Wijkia, 35
Willdenowia, 1211
Willkommia, 1194
Wimmerella, 612
Wissadula, 628
Withania, 918
Witsenia, 1117
Wolffia, 1119
Wolffiella, 1119
Wolffiopsis, 1120
Woodia, 175
Woodsia, 86
WOODSIACEAE, 85
Wooleya, 738
Wormskioldia, 938
Wrightia, 176
Wulfhorstia, 630
Wurmbea, 1016

X

***Xanthium**, 309
Xanthocercis, 558
Xenismia, 309
Xenoscapa, 1117
Xenostegia, 378
Xeranthemum, 309
Xerocarpus, 558
Xerocladia, 558
Xeroderris, 558
Xeromphis, 841
Xerophyta, 1214
Xeroplana, 927
Xerothamnus, 309
Ximenesia, 309
Ximenia, 751
Xiphopteris, 72
Xiphotheca, 558
Xylia, 559
Xylocarpus, 630
Xylopia, 123
Xylosma, 561
Xylotheca, 561
Xymalos, 743
XYRIDACEAE, 1214
Xyris, 1214
Xysmalobium, 176

Y

***Youngia**, 309
Ypsilopus, 1152

Z

Zaleya, 110
Zaluzianskya, 911
ZAMIACEAE, 89
Zamioculcas, 972
Zanha, 861
Zannichellia, 1215
ZANNICHELLIACEAE, 1215
Zantedeschia, 972
Zanthoxylum, 852
Zehneria, 417
***Zephyranthes**, 967
Zeuktophyllum, 738
Zeuxine, 1152
ZINGIBERACEAE, 1215
***Zinnia**, 310
Ziziphus, 817
Zornia, 559
Zostera, 1216
ZOSTERACEAE, 1216
Zoutpansbergia, 310
Zygia, 559
Zygodon, 25
Zygoon, 841
ZYGOPHYLLACEAE, 949
Zygophyllum, 949
Zyrphelis, 310

STRELITZIA

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Southern Africa has the richest temperate flora in the world and encompasses a rich floristic diversity of approximately 24 000 taxa (species and intraspecific taxa) of 368 families, including more than 10% of the world's vascular plant flora on less than 2.5% of the earth's land surface area. Accurate coverage of this remarkable flora has been made possible at the species level through PRECIS (National Herbarium, Pretoria (PRE) Computerised Information System), maintained by the National Botanical Institute. PRECIS includes all indigenous and naturalised plants recorded from the same area as the *Flora of southern Africa* (Namibia, Botswana, South Africa, Swaziland and Lesotho). This book is largely based on PRECIS and includes data on life cycle, life form, height of plant and altitude together with updated information on literature references, synonyms and regional distribution. Families are primarily grouped into seven more or less natural assemblages: Bryophyta, Hepatophyta, Anthocerotophyta, Pteridophyta, Gymnosperms, Dicotyledons and Monocotyledons. Family, genus and species names and synonyms are given in alphabetical sequence. The index guides the reader to the main entries of genera and families.

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